



Marathwada Shikshan Prasarak Mandal's
DEOGIRI COLLEGE, AURANGABAD
Station Road, Aurangabad, M.S. 431005

Affiliated
to
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad

SELF-STUDY REPORT

For
3rd Cycle of Accreditation

Submitted to
National Assessment and Accreditation Council,
Bangalore

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PREFACE

We are very happy to submit the present Self-Study Report for the third cycle of accreditation. It is indeed matter of both happiness and responsibility to present the summary of the work done by the institution in the last four years. The guidelines provided by NAAC and the nature of questions to which we responded in the report were surely inclusive of each and every aspect of teaching-learning process. Ours was a genuine attempt to correlate institution's vision and mission with the ideas of quality education and its sustenance as proposed by NAAC in particular and education to masses in general.

The compilation of this report brings us many ideas and realization. It is a juncture when our introspection is realized through full-fledged report that registers the record of our efforts, activities and their outcomes, under seven different criteria. The clarity of the questions in the manuals for preparing the report, I suppose, is one of the most significant issues that results in understanding what exactly the institution is supposed to do. The need expressed in the manual for existence of 'mechanism' for quality processes and activities is one of the important issues. And it is very essential for the whole higher education system in India to systematize mechanisms for quality sustenance.

The college has set for its expedition for excellence in higher education in every aspect. Gauging the possible changes in 'time to come', the institution has always been alert to bring about all developments as to respond to each change positively. The college in the form of short term courses under Career Development Programme has embarked upon the process of creation of need based curricula, its planning and execution in a most suitable way. The institution is committed for such competency.

It is a matter of honour for us to express the positive responses we received in the journey for quality enhancement. Up-gradation of teaching-learning with ICT, eco-friendly initiatives, positive research outputs, students outstanding achievements in various fields and contribution of stakeholders like alumni, etc have made us lead our efforts in a systematic manner. Of course, it inspires and encourages us for more efforts.

26/04/2015

Dr. M. L. Jadhav
Principal

**CONTENTS**

	Page No.
IQAC Committee	b
Preface	c
Executive Summary & SWOC Analyses	i - xiv
A. Profile of the Institution	1
B. Criteria-wise analytical report	
1 Criterion I : Curricular Aspects	15
2 Criterion II : Teaching-Learning and Evaluation	50
3 Criterion III : Research, Consultancy and Extension	108
4 Criterion IV : Infrastructure and Learning Resources	146
5 Criterion V : Student Support and Progression	171
6 Criterion VI : Governance, Leadership and Management	204
7 Criterion VII : Innovations and Best Practices	243
C. Inputs from the Departments	
1 Department of Chemistry	266
2 Department of Advanced Life Sciences (Biotechnology, Bioinformatics & Biochemistry)	277
3 Department of Botany	288
4 Department of Computer Science, IT & BCA (Science)	294
5 Department of Electronics	299
6 Department of Environmental Science	303
7 Department of Geology	307
8 Department of Mathematics	316
9 Department of Microbiology	321
10 Department of Physics	328
11 Department of Zoology	334
12 Department of Commerce & Management Sciences	340
13 Department of English	347
14 Department of Hindi	355
15 Department of Marathi	361
16 Department of Sanskrit	366
17 Department of Political Science	370
18 Department of History	375
19 Department of Sociology	380
20 Department of Psychology	389
21 Department of Public Administration	396
22 Department of Economics	401
23 Department of Home Science	405
24 Department of Music	409
25 Department of Dramatics	414
26 Department of Sports & Physical Education	428
Post Accreditation Initiatives	439
Declaration by the Head of the Institution	445
Certificate of Compliance	446
Annexure – I : U.G.C. 2(f) and 12(b) Certificate	447
Annexure – II : University Affiliation Letter	448
Annexure – III : ISO 9001:2008 Certificate	450
Annexure – IV : Certificate of NAAC Accreditation : I st Cycle	451
Annexure – V : Certificate of NAAC Accreditation : II nd Cycle	452
Annexure – VI : Peer Team Report	453
Annexure – VII : Master Plan & LOI	463



EXECUTIVE SUMMARY

We consider this an opportunity to present Self-Study Report as a testimony to our efforts that we undertook after the second cycle of accreditation. It assures, as promised in the vision and mission statement of the institution, commitment to excellence and quality in particular and ‘taking masses from darkness to light’ in general. In the 55th year of its establishment, we find ourselves as an institution in the form of Deogiri College reached out almost every nook and corner of the society in the region by establishing high standards of quality and performance. The introspection of our policies and ‘ways of doing’ brings about many ideas to recognize potentials we possess to stretch further the capabilities in the process of quality enhancement and innovations. Our reaccreditation by NAAC with CGPA of 3.39 strengthened our confidence to excel in the field of higher education. It however brought responsibility to each stakeholder of the college to function collectively in order to achieve all round development of the institution. As a result, it has become an experience for each of us to realize that transformation of knowledge and information should be accompanied by integrated efforts by each component involved in the process of teaching and learning.

Marathwada Shikshan Prasarak Mandal established its first branch in the form of Deogiri College in 1960. The *mandal* was established by great visionaries like late Vinayakrao Patil an ideal teacher, to offer education to masses from rural areas and to the economically backward classes. The college from its inception has been a key factor in bringing about transformation in region through education. The college runs 12 U.G, 22 P.G., 02 COP programmes, 01 PG Diploma, 01 UG Diploma, 18 Short Term Certificate Courses and 10 University Recognized Ph. D Research Centres. However, Ph. D research guides are available in 13 subjects. In the academic year 2014-15, overall 6798 students took education in the college.

What lies in efficacy of the institute is its well structured mechanism operated on the most micro level to identify the changes in times and realize the need for advancement. Its credit also lies in the visionary representation on the management. The management of the institution is represented by the various experts hailing from different walk of society. Most of them are very successful diplomats and visionary leaders who made outstanding difference with their presence as an important authority in government of Maharashtra. Their presence in the management does make a constant provision for unending and ever encouraging support for quality assurance and sustenance.

The institution received an award as an **Outstanding Institution by Government of Maharashtra in 2001**. It also received an award with cash prize of one lakh in 2012 by Government of Maharashtra for its notable efforts made under ‘*Jagar Janiwancha*’ an initiative by Government of Maharashtra to spread awareness against female feticide, embarked upon. The government of Maharashtra honoured the efforts on the



college executed through various activities under the title. It is being run as a movement at the college level. In 2010, the college hosted a program celebrating **Golden Jubilee Year** of establishment of M.S.P. Mandal. It was inaugurated by the then President of India Her Excellency Smt. Pratibhatai Patil. College also hosted programmes like **All India Marathi Literary Meet in 2011**. The college had privilege of organizing a programme entitled *Shodh Marathi Manacha* (Discovering Marathi Mind) in 2011. Marathi people working as successful entrepreneurs, businessmen, politicians, social workers, artists, critics, journalists, etc were invited from different parts of the world. It proved an essential event that contributed in bringing about the idea of unity among Marathi people spread all over the world and interactions of the people with college students and staff were fruitful. The college is also honoured by the affiliating university by conferring the college with **Best Examination Centre Award** twice in the last five years for excellent conduct of University examinations.

IQAC & Post Accreditation Initiatives: The cycle of accreditation by NAAC mark a vivid phase in development of the institution. Since the time of establishment of IQAC, it has emerged as an important body that functions as a catalyst for many processes pertaining to quality sustenance and enhancement. It is IQAC that binds various activities of the institute in a thread that passes through bearing institution's vision and mission. IQAC has paid attention to every quality issue as suggested by NAAC and essential for betterment of teaching-learning process. The recommendations made by NAAC peer team are treated with priority by IQAC. The college has come up with many new initiatives after the second cycle of accreditation besides fulfilling recommendations by the team. The college has contributed in good deal for social cause and initiated its efforts to support for the people suffering from drought condition in the region. It contributed very positively to social movements through its various activities. Initiatives of the college on academic and management level have been promising. Enhancement of both the resources, human and infrastructural has been treated equally with creation of new resources keeping in view the changes on various levels. However, the college has predominantly considered achievement by students as a testimony to the true success of the institution.

The college is committed to provide quality education to every section of the society and realizes the execution of its quality policy through the success of its stakeholders. Following are few of the key issues that highlight the growth of the college as a fully-fledged educational institute.

- **Career Advancement & Professional Development:** The college has made it a prominent policy seeking career advancement of both the staff and students in a certain well defined manner. It believes in constant nurturing of qualities of human resources available on the campus through orientations, trainings and workshops organized by college for teaching, library, administrative, clerical staff



and lab attendants. Appointment of special training and placement officer in Career Guidance and Training & Placement Cell has been a very positive idea resulting in regularization and increase in placement activities.

- **Contributing to Social Cause:** The college has established its image as an institution possessing empathy for sufferings of masses. Its efforts and contribution in various social movements have been appreciated. The staff of college has been on its toes to contribute to social cause. The region in which the college is situated is prone to drought conditions. The conditions of certain part in the region worsen during summer due to lack of water. College has taken special efforts for such villages to provide them with water supply and necessary development. The streamlining of the events, works and activities of NSS, NCC, Department of Music, Department of Dramatics and the College library has resulted into meaningful services to various sections of society.
- **Inclusive Strategies and Value Orientation:** The college has diversity of students and it offers equity to each stakeholder. Besides, the functioning of various committees on certain issues, the work culture on the campus become an encouraging way to enhance core values among students. The renowned 25 years old lecture series like *Phule-Shahu-Ambedkar Lecture Series* addresses to many themes pertaining to social issues and development of society in general. Services to physically challenged students, activities of Equal Opportunity Centre and Women Empowerment Cell ensure justice to various stakeholders of the college.
- **Centre for Excellence and “Leading by Example”:** UGC conferred the status of ‘College with Potential for Excellence’ in 2010. It has resulted in encouraging all staff and students to equip themselves for higher levels of excellence. The development of infrastructure and IT and their fine inclusion in teaching-learning process has become a key issue in advancement of learning on the campus. Deogiri College being the most prominent institute not only under M.S.P. Mandal but also among the affiliated colleges under Dr. B. A. M. University, Aurangabad, bears the responsibility to present itself as an example of excellence thus ‘leading by example’.
- **Going Green:** The College recognizes importance of environmental awareness. The activities of the Department of Zoology, Botany, Chemistry, Environmental Science, Geology, NSS, NCC and Eco Club undertake various initiatives pertaining to plantation of trees, rain water harvesting, waste management, recharging bore wells and dug wells, recycling of used water and use of renewable energy. Meteorological station, water recycling unit, rain water harvesting unit and mechanism for recharging the bore wells on the campus are more appreciated efforts of the college.

Achievements of our students in sports, games, cultural activities, NCC and NSS activities have been promising. We believe we have taken enough efforts as to provide every stakeholder of the institution with opportunities to grow in a balanced form. Following is the gist of our contemplation over our achievement against the backdrop of the seven criteria envisaged by NAAC.



Curriculum Planning:

- To ensure the need-based development, the college provides more programme options, flexibility and wide choice for students.
- Curriculum has evolved in various aspects as to meet the needs of time and equip the learners with latest and practical knowledge of subjects.
- Regular organization of seminars, orientation programs & workshops on new syllabi, revision in syllabi, new teaching methods, use of ICT in teaching & learning, etc.
- Establishment of Academic Council to formalize the work of courses to be offered by the college.
- Curriculum design and planning for 17 certificate courses under Career Development Programme.
- College teachers represent themselves on BoS in the affiliating University and have made positive impact in the work of curriculum planning, designing and up-grading.
- Consultation with industry experts, academicians, employers, alumni and other stakeholders is sought in order to enrich the curricula being taught.
- While designing curriculum for B.Voc programmes, college teachers received more freedom to design most relevant curriculum in order to make the programmes employment oriented.

Teaching - Learning & Evaluation:

- Teachers play the role of facilitators in learning process.
- College has introduced need-based certificate courses for skill development.
- Introduction of 17 short term certificate courses under Career Development Programme.
- Inclusion of ICT is sought to make teaching-learning process more effective and meaningful.
- More resources are sought from industries, market and workshops for imparting the practical knowledge of the world to students especially for the students enrolled for B.Voc programmes.
- Teaching-learning process is accompanied by attitude, aptitude and personality development through the various programmes organized by Career Counselling and Placement Cell.
- Orientation of teachers is regularly done in order to make them more efficient in making use of modern technological aids in their teaching.
- Field visits, study tours, programmes like lecture series on entrepreneurship development have become a persistent part of teaching-learning process.
- Gandhi Study Centre, Apex Career Academy, History and Geology Museum functions as supporting information centres to equip students with knowledge of various aspects like career, human values, etc.



- Thrust has been given to learner-centric teaching plans, continuous up-gradation of teacher quality, transparent examination system.

Research, Consultancy & Extension:

- Availability of 10 University recognized Ph. D. Research Centres and Ph.D guides are available in 13 subjects.
- Research, consultancy and extension activities have been strengthened.
- MoUs with many institutes from within and outside of the country have resulted in quality publication and accomplishment of research projects funded by UGC, DST, etc.
- Teachers have received more than 1.3 crore rupees as research grants from UGC and other funding agencies to carry out work of their research projects during the last four years.
- College has established a Central Research Laboratory to facilitate inter-departmental and inter-disciplinary research work.
- College constantly encourages its faculty for participation in various conferences, workshops, seminars, etc and also provides financial support for such participation.
- Consultancy is provided by offering analyses of the samples received from various industries and institutes in the Central Research Laboratory. Besides it, Department of Geology, Department of Psychology provides consultancy on various related issues like dug well, bore well site selection, water and rock analyses, TB drop out counseling, etc.
- College provides financial help to drought affected area in the region of Marathwada; it adopts village taking responsibility to provide necessary infrastructure for provision of water.
- NSS and NCC units regularly undertake various programmes like blood donation camps, cleanliness programmes, tree plantation programmes, participation in different rallies, etc.
- College library provides its services to Old People's Home named Matoshri and also has donated its books to need institutes and public libraries.

Infrastructure & Learning Resources:

- The college has total campus area of 10.32 acres including built up area of 23049 sq mt.
- The college has a well developed library consisting of 113324 books and its first floor is a reading hall for students.
- The college has two boys' hostels and three girls' hostels accommodating 1057 students.
- The campus houses science laboratories, modern classrooms, library, NCC and NSS rooms, ladies common rooms, seminar halls, a well constructed auditorium, a conference hall and two canteens.
- Infrastructure for sports consists of gymnasium, sports hall, sports ground.



- 22 classrooms are ICT enabled.
- There are four research laboratories in addition to the Central Research Laboratory.
- The college has well developed playground with size of 100X113 M. The availability of the ground enables to organize various sports and cultural events at college and university level.
- A regular doctor is appointed at the Health Centre of the college.
- The college has remarkably high computer student ratio, with LAN facilities, 10 mbps internet and WiFi facility to access repository of the college.
- The college has 22 well equipped laboratories, 04 computer laboratories and an advanced language laboratory.
- The Department of History and Department of Geology have museums with good number of artifacts.
- The college has a rainwater harvesting project, a water recycling project, recharging of bore well mechanism and water purifying plan are at place.
- The Department of Sports & Physical Education and Girls' Hostel have well equipped gymnasium.

Governance, Leadership & Management:

- Academic Council looks after various issues related to curriculum designing and its implementation.
- Participatory administration in planning, execution and monitoring.
- Farsighted management encouraging the human resources to put in maximum efforts.
- Decentralization of authority and partial autonomy is provided to departments to take initiatives in decision making.
- Three tier system of management system aiming at optimum outcome from various practices and events.
- An effective feedback system is at place seeking feedback on various aspects.
- Appraisal of teachers' performance is done regularly.
- Long term perspective planning is done in order to achieve certain qualitative ends and benchmarking is done along with short term planning of its achievement.
- Teachers are encouraged to participate in corporate life and represent themselves on various academic and public bodies by the management.
- A good number of teachers of the college are members of Board of Study in their subject.
- Coordination Committee, HoDs and coordinators and chairpersons of various committees and cells bring about coordination in order to achieve successful culmination of various practices and programmes.



Student Support & Progression:

- The college provides financial assistance to sports students, wards of staff, physically challenged students, students participating in cultural activities, economically backward students in the form of freeship, concession and cash prizes as well.
- The college has developed learning friendly ambience in college campus.
- Infrastructural developments and creation of facilities are sought by considering the requirements of students.
- Debate and elocution competitions are organized every year in the memory of the founder of M.S.P. Mandal, Aurangabad, Late Shri Vinayakraoji Patil.
- 2653 students qualified in various state and central govt. exams, NET/SET, banking, army, DRDO, etc.
- 473 students are selected in campus interviews organized at the college campus since 2011.
- 33 students received ranks at University exams in the last four years.
- 448 medals are bagged by the college students in the last four years in various university, state and national level events of sports and games.
- 219 awards and prizes are won by students of Department of Dramatics and Music in the last four years in various University, state and national level cultural competitions.
- 76 awards in elocution and debate competitions are bagged by four students of the college in last two years.
- 174 students passed B and C certificate exam during the last four years.
- 10 cadets and volunteers of NSS and NCC joined RDC, BLD and TLC parade in the last four years.

Innovations & Best Practices:

- Deogiri College has nurtured an ambience of innovations on the college campus.
- Green Audit is done on various issues like water, waste management, energy, pollution, trees and plants.
- A separate Training and Placement Officer (TPO) is appointed to look after the process of campus interviews and training for it.
- Feeders and water pots are set in the premises of college campus for birds.
- Department of Dramatics at Deogiri College has ventured into making of a short film named SHIRAMI. It is based on a true story occurred in West Bengal about Khap Panchayat which punishes a girl from backward classe. Writing, direction, production for the film was done by Mr. Anil Salve, Head, Department of Dramatics. Students of the department acted in the film. It received two awards on national and international level.



- Dept. of Computer Science and IT has developed user-friendly software to manage information about various academic activities and personal academic record of teaching staff.
- The Department of Psychology has been providing psychological counselling and has been offering psychological orientation to industry, school students and teachers from various schools.
- Introduction of 17 certificate courses under Career Development Programme.
- College library also extends help to Old People's Home named *MATOSHRI* by providing books to the inmates of the home. The staff of the library carries books to them and offers them the books. This activity has been appreciated by the old people.
- College library gives best reader award to student by conducting an exam testing general knowledge of students.
- The college organized a special training event entitled Motivational Bridge Course in Mathematical Methods in Physics and Laboratory Practices. It was organized by the Department of Physics for I and II year B.Sc students in association with Indian Association of Physics Teachers RC-8 during 15th June to 9th July, 2011. It was sponsored by Indian Academy of Sciences (IAS), Bagalore, Indian Science Academy (INSA), New Delhi, National Academy of Sciences, India (NASI), Allahabad.
- The Department of History and Geology have museums. The museum at the Dept. of History consists of unique and special pieces of artefacts and the museum at the Dept. of Geology has systematically preserved various specimens of gems, stones and rocks.
- A special centre named Apex Career Academy for the guidance of competitive exams, like MPSC, UPSC and banking. It offers guidance to the college students on MPSC, UPSC and Banking exams. It frequently arranges free seminars on various issues related to the exams at college.
- Commencement of degree course like Bachelor of Vocation in Jewellery Designing & Gemology and Multimedia and Animation has been an outstanding academic innovation on the part of the college. The course approved by UGC bears the innovative features like academic flexibility where students have option to opt for career and it is not necessary to complete the course if the student desires to go for a job.
- College has established a Health Centre with a regular doctor Mrs Vaijayanti Damodar Bankar (Ubale). The doctor is available in the centre from 9.00am to 1.00 pm. She also makes visits to Girls' Hostel on a Sunday in every month. Students from Girls' & Boys' hostels, teaching and non-teaching staff at college make use of the services.
- College hostels use solar panels for heating water thus reduce pressure on electricity. There are 24 solar panels with total capacity of 19,000 litres used for water heating in Girls' and Boys' hostels. It has resulted in reducing the pressure on electricity usage.



- NSS unit organizes cleanliness programs for the Central Bus Station and Government Hospital. Three hundred volunteers take part in this activity every year.
- A Waste Water Treatment Plant for recycling of waste water is constructed on the area between girls' hostels and Biotechnology building.
- The region in which Deogiri College is situated suffers from drought conditions frequently. Frequent conditions of scarcity of water compels for best management of available water. As a result, Rain Water Harvesting unit is in function in college harvesting 20000000 litre of water every year.
- Consultancy services by the Department of Geology are carried out regularly. Prof. Ashok Tejankar offers consultancy services like selection of site for dugwell and borewell for irrigation and drinking purposes, consultancy for structure of the basement of engineering projects for multinational companies, watershed development programme, core logging for bridge and engineering sites, water analyses services for safer drinking water, preparing Contour, DEM, Lineament & Geology map of watershed and identification of gemstones.
- Exhibition and Demonstration of Science Experiments for School Students
- Phule–Shahu–Ambedkar Lecture Series
- Programmes under Jagar Janivancha.



SWOC ANALYSES

STRENGTHS:

- Deogiri College is one of the oldest colleges in the region run by M.S.P. Mandal that has received acclaim being the foremost institution offering quality education to masses hailing from different strata of society.
- High grading by NAAC with CGPA of 3.39 that ensure and encourages continuous development of the institution in every aspect.
- UGC recognized Deogiri College as ‘College with Potentials for Excellence’.
- Committed, well qualified and experienced faculty.
- Responsible management representing different fields of the society committed to social interest.
- Continuous up-gradation of existing infrastructure and creation of new infrastructure.
- Promotion of communication, soft and professional skills through well equipped language laboratory and short term courses.
- Well recognized contribution to social causes like financial assistance to drought affected people.
- High level of sense of responsibility executed by institution towards society.
- Rich and outstanding contribution of faculties in research and extension activities.
- Promising ambience for research on the campus with a Central Research Laboratory and four Research Labs.
- Central library as a centre for information with good numbers of books, journals and e-resources.
- Notable research outputs in the form of minor and major research project receiving more than 1.3 crore rupees from UGC and other funding agencies.
- Consistently higher levels of results of all courses and luminous tradition of students’ achievement at University examination.
- Outstanding record of students at Campus Interviews of different companies.
- Availability of girls and boys hostels accommodating 1052 students.
- A good number of UG and PG programmes. (22 PG and 12 UG)
- College runs 02 COP courses, 01 UG diploma, 01 PG diploma and 18 short term certificate courses.
- College is privileged to offer two innovative UG programmes entitled Bachelor of Vocation in Jewellery Designing and Gemology and Multimedia and Animation.
- High quality research record of the faculties in international database.
- Regular organization of institution level intensive orientation programmes and workshops on teaching methodologies, use of ICT in teaching-learning, research and research methodologies, new administrative strategies, role of vice-principals in administration, etc.



- Glorious achievement of college students in sports and games bagging 448 prizes at University, State and National level.
- A good number of faculty representing BoS in the University thus contributing designing of curricula.
- Rich contribution in consultancy and extension services to the society in respect of water management, agriculture, sample analyses, psychological counseling and testing, etc.
- A full-fledged Gandhi Study Centre running a short term and a diploma course on Gandhian thought and ideology. It also organizes Gandhi Vichardhara Pariksha for students in schools of the city.
- The Academic Council at the college has encouraged the commencement of short term certificate courses under Career Development Programme.
- Strong contribution by faculty in research with national and international level publication, paper presentation, etc.
- University recognized Ph.D Research Centres with availability of 19 research guides.
- Frequent organization of interactions and visits of renowned scientist, academicians, social workers, feminists, educationists, diplomats, professionals, entrepreneurs, actors, directors, etc. with students.
- Transparency, diversity and inclusiveness in admission process.
- A rich Central Library with good number of text, reference books, periodicals, journals and e-resources – library computerization, barcoding, on-line resources, CD ROM database, brail machine, low vision software.
- High computer-student ratio.
- Promotion of cross-cutting issues like gender, environmental awareness, social injustice, non-violence, human rights, health, hygiene, etc through special programmes like ‘Phule-Shahu-Ambedkar Lecture Series, Jagar Janiwancha, etc.
- Registered alumni association and highly cooperative and supportive alumni.
- Eco-friendly campus.
- Linkages and formal MoUs with higher institutions, industries, University, local bodies, associations, etc resulting in fine mutual understanding and cooperation for research, publication and execution of social responsibilities.
- Well developed sports facilities on the campus for students to develop their physical abilities.
- Green audited campus with water, energy and waste management with techniques like Rain Water Harvesting, Artificial Recharge of Borewells, Recycling of Used Water, etc.
- Highly recognized institution by Govt. of Maharashtra with Best Institute Award, Award for outstanding programmes and activities under the initiative of Jagar Janiwancha, etc.



- Organization of programmes of various nature providing students with rich information and knowledge about social, political, economical and cultural issues.
- Special programmes and centres providing coaching and training to students preparing for various MPSC, UPSC and other exams.
- Rich outcome of various social activities of NSS and NCC units at the college.
- Differently-abled friendly campus.
- Continuous organization of development programmes for teachers and non teaching staff.
- Organization of state, national and international level programmes like conference, seminars, literary meets, specialized thematic events.
- Well developed History and Geology Museums.
- ISO 9001:2008 certification.

WEAKNESS:

- Inadequate space to develop infrastructure with growing demand of courses and students.
- Insufficient funding for infrastructure development.
- Insufficient scholarships and funding for large number of socially and economically backward students.
- Lack of proper change and revision in syllabus in relation with the demand of various industries.
- Lack of autonomy in academic and administrative matters.
- Partial automation of library and inadequate provision of space for future development
- Lack of inter-departmental academic collaboration.
- Absence of more number of inter-disciplinary programmes and courses.
- Inadequate financial resources to develop research facilities.
- Number of smart-class rooms needs to be increased along with modernization of existing laboratories.
- More number of non-permanent faculty.
- Absence of grants to PG courses.
- Non availability of Alumni corpus.

OPPORTUNITIES:

- To promote research addressing to local, social and need based issues.
- To streamline and strengthen various research activities through MoU and collaboration already done with bodies like Maharashtra Chamber of Commerce, Industry and Agriculture, Paul Herbert Centre for DNA Barcoding and Bio-diversity Study, The Institute of Drug Studies, The Hebrew University of Jerusalem, Israel, Water and Land Management Institute, Aurangabad, Sports Authority of India, Aurangabad, etc.



- Developing full-fledged courses based on industry needs and skill development.
- ‘Leading by Example’ - achieving status and creating environment of high level of quality education.
- Developing the college as an advanced centre with standard Ph. D research facilities to be completed in regular basis.
- To create faith and confidence among the stakeholders and society regarding the possibility of positive changes.
- To develop a proper mechanism to receive resources of strong and well established alumni.
- Collaborations and linkages of more student centric nature.
- Establishing branding with quality education.
- Starting of PG Management programmes.
- Promotion of more society-oriented outreach programmes.
- To cultivate a research culture among students and staff and emerge as an institute of high research ambience.

CHALLENGES:

- Bringing about innovation in a fund-starved environment.
- To plan for new vocational and professional courses in the limited space.
- Establishing direct correlation among various industries, entrepreneurs and academic growth of the college.
- Developing high equity research by the faculty resulting in improving qualities of products.
- Funding research projects of students due to lack of financial resources.
- Retention of faculty to non-granted courses.
- Finding fine balance between traditional university courses and need of professional skill development.
- Bringing about the changes on academic and infrastructural level by keeping space with changes in market and service providing industries.
- To equip students with knowledge power to seek higher level of sense of responsibility, to make them emotionally and intellectually stronger.
- Establishing sustained and basic ways of making students proficient in English communication.
- Seeking expansion of networks and collaborations with GOs and NGOs on state, national and international level.
- Creating sophisticated research facilities for non-granted courses.
- Establishing sustained and guaranteed placement and employment strategies.
- To evolve and create models of high standards of teaching-learning and research by all departments especially from social sciences and languages.
- To bring about strategies to meet with the demand of the time and seek timely responses on technical and technological level.



- Imbibing critical approach among students about social values, moral values, political issues and cultural transformation.
- To offer education on distance mode.
- To seek autonomy with existence of technical difficulties, on the part of Government.



Profile of the College

1. Name and Address of the College:

Name :	Marathwada Shikshan Prasarak Mandal's DEOGIRI COLLEGE		
Address :	Railway Station Road		
City :	Aurangabad	District :	Aurangabad State : Maharashtra
Pin Code :	431 005		
Website :	www.deogiricollege.org		

2. For Communication:

Office

Name	Area/ STD code	Tel. No.	Fax No.	E-mail
Principal Dr. M. L. Jadhav	0240	2334577 Extn.- 303	2334430	principal@deogiricollege.org
Vice Principal Dr. A. V. Tejankar	0240	2334577 Extn.- 313	2334430	admin@deogiricollege.org
Vice Principal Dr. Mrs. C. S. Patil	0240	2334577 Extn.- 332	2334430	admin@deogiricollege.org
Vice Principal Dr. U. V. Panchal	0240	2334577 Extn.- 367	2334430	admin@deogiricollege.org
IQAC Coordinator Mr. V. W. Patil	0240	2334577 Extn - 331	2334430	vishnuwpatil@gmail.com

Residence

Name	Area/ STD code	Tel. No.	Mobile No.
Principal Dr. M. L. Jadhav	0240	2341663	9422313663
Vice Principal Dr. A. V. Tejankar	0240	-	9423149333
Vice Principal Dr. Mrs. C. S. Patil	0240	2322931	9890862804
Vice Principal Dr. U. V. Panchal	0240	-	9763521920
IQAC Coordinator Mr. V. W. Patil	0240	-	9423653912



3. Status of the Institution:

i. Affiliated College

ii. Constituent College

4. Type of Institution:

a. By Gender

i. For Men

ii. For Women

iii. Co-education

b. By Shift

i. Regular

ii. Day

iii. Evening

5. It is a recognized minority institution?

Yes :

No :

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6. Sources of funding:

i. Government

ii. Grant-in-aid

iii. Self-financed

iv. Any other

(Specify the type)

7. a. Date of establishment of the college : **22/06/1960**

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad



c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	01/01/1965	
ii. 12 (B)	01/01/1999	

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.) **NOT APPLICABLE**

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes : √ No: X

If yes, has the College applied for availing the autonomous status?

Yes : X No: √

9. Is the college recognized
a. by UGC as a College with Potential for Excellence (CPE)?

Yes : √ No : X

If yes, date of recognition: **15/10/2010** (dd/mm/yyyy)

- b. for its performance by any other governmental agency?

Yes : X No : √

If yes, Name of the agency

Date of recognition: (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	Urban
Campus area in sq. mts.	10.32 Acres
Built up area in sq. mts.	23,049 sq. mts.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.



• Auditorium/seminar complex with infrastructural facilities				√
• Sports facilities				
○ Play ground				√
○ Swimming pool				X
○ Gymnasium				√
• Hostel				
○ Boy's Hostel				√
i. Number of hostels				2
ii. Number of inmates				431
iii. Facilities (Mess, Water Cooler, Sports, Recreation, Reading Corner etc.)				√
○ Girls' Hostel				√
i. Number of hostels				2
ii. Number of inmates				626
iii. Facilities (Mess, Water Cooler, Sports, Recreation, Fitness equipments, Reading Corner etc.)				√
○ Working Women's Hostel				X
i. Number of inmates				-
ii. Facilities (mention available facilities)				-
• Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise)				-
• Cafeteria				√
• Health Centre				√
• First aid, Outpatient facility				√
• Health Centre staff				
○ Qualified doctor	Full time	X	Part-time	√
○ Qualified Nurse	Full time	X	Part-time	X
• Facilities like bank, stationary shops.				√
• Transport facilities to cater to the needs of students and staff				X
• Animal house				X
• Biological waste disposal				X
• Generator or other facility for management/regulation of electricity and voltage				√
• Solid waste management facility				√
• Waste water management				√
• Water harvesting				√



12. Details of programmes offered by the college (Give data for current academic year) 2014-15

Sr. No.	Program me Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned Student Strength	No. of students admitted
i)	Under-graduate	B. A.	3 Yrs.	12 th Arts	Marathi	1200	1017
		B. Com.	3 Yrs.	12 th Commerce	English	1200	1791
		B. B. A.	3 Yrs.	12 th Science, Arts / Commerce	English	225	129
		B.C.A. Science	3 Yrs	12 th Science	English	330	331
		B.C.A. Management	3 Yrs.	12 th Science	English	225	183
		B. Sc. General	3 Yrs.	12 th Science	English	1200	1168
		B. Sc. Biotechnology	3 Yrs.	12 th Science	English	300	228
		B. Sc. Bioinformatics	3 Yrs.	12 th Science	English	60	67
		B.Sc. I.T.	3 Yrs.	12 th Science	English	330	110
		B. Sc. Comp. Sci.	3 Yrs.	12 th Science	English	390	308
		B.Voc. in Jewellery Designing & Gemology	3 Yrs	12 th Science	English	50	20
		B.Voc. in Multimedia & Animation	3 Yrs	12 th Science	English	50	20
ii)	Post-graduate	M. A.					
		Sociology	2 Yrs.	B. A. Sociology	Marathi	120	114
		Political Science	2 Yrs.	B. A. Political Science	Marathi	120	103
		History	2 Yrs.	B. A. History	Marathi	120	92
		Hindi	2 Yrs.	B. A. Hindi	Hindi	120	62
		Marathi	2 Yrs.	B. A. Marathi	Marathi	120	58
		English	2 Yrs.	B. A. English	English	120	91
		Psychology	2 Yrs.	B. A. Psychology	Marathi	120	66
		M. Com.	2 Yrs.	B. Com.	English	300	388
		Botany	2 Yrs.	B. Sc. Botany	English	60	47
Chemistry	2 Yrs.	B. Sc. Chemistry	English	60	85		



		Physics	2 Yrs.	B. Sc. Physics	English	60	54
		Electronics	2 Yrs.	B. Sc. Physics / Electronics	English	60	42
		Comp Sci.	2 yrs.	B.Sc. Comp. Sci.	English	80	67
		I T	2 yrs.	B.Sc. I T	English	80	46
		Microbiology	2 Yrs.	B. Sc. Microbiology	English	60	72
		Environmental Science	2 Yrs.	B. Sc. Env. Sci.	English	60	21
		Biotechnology	2 Yrs.	B. Sc. Bot/Zoo/Env.. Sci./Micro/ Biochemistry	English	60	89
		Bioinformatics	2 Yrs	BSc. Life Sci.	English	60	28
		Mathematics	2 Yrs	B.Sc : Maths	English	60	33
		Geology	2 Yrs	B.Sc: Geology	English	60	23
iii)	Ph. D.	Botany	-	Postgraduate in the concerned Subject	English	-	05
		Zoology	-		English	-	08
		Mathematics	-		English	-	04
		Chemistry	-		English	-	29
		Physics	-		English	-	--
		Electronics	-		English	-	04
		Geology	-		English	-	05
		Sociology	-		English/ Marathi	-	05
		Commerce	-		English	-	16
		Hindi	-		Hindi	-	07
		Psychology	-		English	-	26
		Marathi	-		Marathi	-	--
		Economics	-		Marathi /English	-	08
		English	-		English	-	05



iv)	Certificate course (COP Certificate Courses)	Gemology	150hrs	No Entry Qualification	English	20	19
		PC Hardware & Networking	150hrs		English	60	65
v)	UG Diploma	Gandhian Thought	24 Wks.	12 th pass	Marathi	13	30
vi)	PG Diploma	D.B.M.	01 Yr.	Any Graduation	English	60	48
vii)	Any Other: Short Term Certificate Courses (specify)	Certificate	12 Wks.	No Entry Qualification	Marathi / English		
		Biofertilizer Production	12 Wks.		English	-	15
		Professional Accounting	12 Wks.		English	-	40
		Applied Sociology	12 Wks.		Eng/Mar	-	17
		Mental Health & Counselling	12 Wks.		Eng/Mar	-	30
		Business Communication in English	12 Wks.		English	-	50
		Nutritional Counselling	12 Wks.		Eng/Mar	-	20
		Hand Embroidery	12 Wks.		Eng/Mar	-	40
		Dot Net Programming/ JAVA	12 Wks.		English	-	36
		Animation Using Flash	12 Wks.		English	-	22
		Chemoinformatics	12 Wks.		English	-	50
		Plant Tissue Culture	12 Wks.		English	-	50
		Bioprocess Technology	12 Wks.		English	-	60
		Advanced Instruments in Chemistry	12 Wks.		English	-	42
Hydrogeology	12 Wks.	English	-	12			



	Spoken English	12 Wks.		English	-	50
	Library and Information Science	12 Wks.		Eng/Mar	-	20
	Gandhi's Life & Works	12 Wks.		Eng/Mar	-	12

13. Does the college offer self-financed Programmes?

Yes No

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>	Number	05
-----	-------------------------------------	----	-------------------------------------	--------	----

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Science

Departments:

Botany, Chemistry, Zoology, Physics, Electronics, Microbiology, Environmental Science, Geology, Mathematics, Computer Science, I T, BCA (Science), Biotechnology, Bioinformatics and Biochemistry.

Arts (Language and Social sciences included)

Departments:

Sanskrit, Marathi, English, Hindi, Sociology, Political Science, Public Admin., Psychology, History, Economics, Home Science, Music and Drama.

Commerce

Departments:

Commerce, Management Sciences (BBA and BCA (mg))

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

a. annual system



b. semester sytem

c. trimester sytem

17. Number of Programmes with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach

c. Any other (specify and provide details)

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No

If yes,

a. Year of Introduction of the programme(s).....
(dd/mm/yyyy) and number of batches that completed the programme

b. NCTE recognition details (if applicable)
Notification No.:
..... Date:
..... (dd/mm/yyyy)
Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?
Yes No

19. Does the college offer UG or PG programme in Physical Education?

Yes No

If yes,

a. Year of Introduction of the programme(s).....
(dd/mm/yyyy) and number of batches that completed the programme

b. NCTE recognition details (if applicable)
Notification No.: Date:
..... (dd/mm/yyyy)
Validity:.....



c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching Staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC / University / State Government	03	----	11	08	37	18	64	09	66	02
<i>Recruited</i>	03	--	11	08	25	14	64	09	66	02
<i>Yet to recruit</i>	nil	nil	nil	nil	12	04	nil	nil	nil	nil
Sanctioned by the Management/ society or other authorized bodies					68	83				
<i>Recruited</i>					68	83				
<i>Yet to recruit</i>					Nil	Nil				

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.	02		09	07	14	12	44
M.Phil.							
PG			02	01	08	02	13
Temporary teachers							
Ph.D.					10	06	16
M.Phil.							
PG					58	77	135

22. Number of Visiting Faculty /Guest Faculty engaged with the College.



23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2010-11		2011-12		2012-13		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	432	266	454	312	472	290	591	386
ST	51	23	41	22	54	17	66	26
OBC	539	212	516	236	520	275	557	345
General	1547	1154	1731	1204	1861	1257	1984	1381
Others	293	181	382	178	414	173	498	229

24. Details on students enrollment in the college during the current academic year:

Student Enrolment	UG			PG			Ph.D.			Diploma / Certificate		
	M	F	T	M	F	T	M	F	T	M	F	T
Number of students from the same State where the college is located	3304	1847	5151	874	742	1616	85	37	122	201	104	305
Number of students from other States	09	11	20	02	07	09	-	-	-	-	-	-
Number of NRI students	.	.	.	.	.	.	.	.	.	.	.	.
Number of foreign students	01		01	.	.	.	2	.	.	.	.	.

25. Dropout rate in UG and PG (average of the last two batches)

Dropout rate in UG and PG (average for the last two batches)	Year	Number	%
UG	2012-13	136	4.53
	2013-14	145	4.31
PG	2012-13	39	2.66
	2013-14	47	4.15

26. Unit Cost of Education
(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

**(a) Including the salary component =**

For Under Graduate (UG): Rs. 33964.22/- per student. (for year 2013-14)

For Post Graduate (PG): Rs. 6246/- per student. (for year 2013-14)

(b) Excluding the salary component =

For Under Graduate (UG): Rs.3741.62 /- per student. (for year 2013-14)

For Post Graduate (PG): Rs.2192.35/- per student. (for year 2013-14)

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes No

If yes,

a) is it a registered centre for offering distance education programmes of another University

Yes No

b) Name of the University which has granted such registration.

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes No

28. Provide Teacher-student ratio for each of the programme/course offered:

Sr. No	Name of the Programme	Teacher-Student Ratio
1.	B.A.	1:40
2.	B.Com	1:150
3.	B.Sc (General)	1:35
4.	B.C.A (Science)	1:27
5.	B.C.A. (Management)	1:25
6.	B.B.A	1:28
7.	B.Sc Biotechnology	1:20
8.	B.Sc Bioinformatics	1:11



9.	B.Sc Comp Science & IT	1:27
10.	M.Sc in Mathematics	1:07
11.	M.Sc in Geology	1:40
12.	M.Sc in Physics	1:14
13.	M.Sc in Zoology	1:14
14.	M.Sc in Chemistry	1:20
15.	M.Sc in Botany	1:23
16.	M.Sc in Environment Science	1:30
17.	M.Sc in IT	1:25
18.	M.Sc in Computer Science	1:30
19.	M.Sc in Biotechnology	1:15
20.	M.Sc in Bioinformatics	1:11
21.	M.Sc in Biochemistry	1:26
22.	M.Sc in Microbiology	1:26
23.	M.A. in History	1:40
24.	M.A. in English	1:38
25.	M.A. in Marathi	1:32
26.	M.A. in Hindi	1:39
27.	M.A. in Political Science	1:46
28.	M.A. in Psychology	1:37
29.	M.A. in Sociology	1:34
30.	M.Com	1:92
31.	D.B.M	1:21

29. Is the college applying for Accreditation :

Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	76.25	March, 2003	2003-2008
2	2 nd Cycle	A	3.39	March, 2010	2010-2015
3	3 rd Cycle	-	-	-	-

* *Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*

31. Number of working days during the last academic year.

220



32. Number of teaching days during the last academic year
(Teaching days means days on which lectures were engaged
excluding the examination days)

184

33. Date of establishment of Internal Quality Assurance Cell (IQAC) IQAC

01-03-2003

34. Details regarding submission of Annual Quality Assurance Reports (AQAR)
to NAAC.

Sr.No.	AQAR	Date
01	AQAR	05/11/2011
02	AQAR	28/09/2012
03	AQAR	15/10/2013
04	AQAR	12/09/2014



CRITERION I: **CURRICULAR ASPECTS**

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

M.S.P. Mandal's motto is '*Tamso Ma Jotirgmay*' i.e. let's proceed from darkness to light.

THE VISION:

Eliminating the darkness of ignorance from the lives of people living in age-long poverty and helping them to proceed towards knowledge to achieve all-round development.

THE MISSION:

- Providing quality education to socially and economically backward classes.
- Bringing out educational and cultural development of rural population.
- Providing standard facilities of hostel accommodation, physical education and value education.
- Bringing out social transformation through education.
- Creating resources and utilising them for educational upliftment of common people.
- Promoting intellectual, ethical and cultural development of society.
- Imparting technical and professional education to increase employability and economic development.
- Creating a wide-spread educational network seeking mass participation in education.

Communication of vision and mission of the Institution

- The vision, mission and objectives of the institution are communicated to the students, teachers and other stakeholders through the college prospectus, college magazine *Deogiri* and college website.
- The goals and objectives are made known to the stakeholders through the meetings with Students, Parents, Alumni, Extension Service, Placement Cell and the Media.
- The display of Vision Statement and Mission Statement in prominent places on the campus helps the stakeholders identify the goals and objectives of the college.
- Activities planned and conducted by the Student's Council and various subject societies and clubs also serve to reiterate the mission and vision of the college.



1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The College develops and deploys action plans for effective implementation of the curriculum in the following way.

Academic Calendar	The Academic Calendar is prepared prior to the commencement of the academic year, specifying available dates for significant activities to ensure proper teaching-learning transaction and continuous evaluation.
Teaching Plan	<ul style="list-style-type: none">• The departmental meetings are held at the commencement of the academic year to assign workload to individual teachers. The syllabi of the different years / classes are discussed in detail.• After that each teacher prepares the month/week wise teaching plan for the academic year giving due consideration to the following significant factors:<ul style="list-style-type: none">➤ The total quantum of the syllabus to be taught.➤ Workable distribution of the total syllabus into convenient teaching units.➤ Teaching dates and the disposal during the entire year.➤ Equitable proportion of teaching units and teaching dates➤ Each teacher submits the annual teaching plan in the triplicate to the principal through the Head of Department. The college submits one copy to the University.
Academic Diary	<ul style="list-style-type: none">• Each teacher is provided with an academic diary as a ready reckoner in which the academic calendar is printed.• The academic diary is monitored by the Head of Department and the Principal.
College Website	<ul style="list-style-type: none">• The curriculum, notes, result analysis, time table and all relevant data is uploaded on our college website under the domain DCA net.• Through the college website students can get an over view of the entire course.
Departmental Meetings	<ul style="list-style-type: none">• Departmental meetings are conducted by the Principal with the Head of various departments for smooth and effective conduction and implementation of curriculum• The teachers of various departments are being encouraged and motivated by their respective Heads to impart curriculum through constructive class room's interaction.• The constructive class room interaction includes presentations, assignments, discussions, workshops, seminars, study tours, village surveys, institutional visits, research based education workshops, seminars along with regular teaching.
Feedback	At the end of the semester, a feedback on curriculum is taken.



1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

Support from the University:

- The University facilitates curriculum revision and provides the required administrative and financial support for the conduct of the Curriculum Revision Workshops.

For instance the University has given financial assistance to the following departments to organize workshops:

Name of the Department	Theme of the workshop/ seminar	Date	No. of Participants	Financial Assistance
English	One day Workshop on “Enrichment and Transmission of the Revised Syllabus in English at UG & PG Levels”	17 th August, 2013	Resource Persons: 4 Participants: 107	15000/-
English	One day Workshop on Revised Syllabus of English	2 nd January 2015	Resource Persons: 4 Participants: 104	15000/-
Mathematics	National Level Seminar on Recent Advances in Mathematics	23 rd -25 th December, 2014	Resource Persons: 12 Participants: 136	15000/-

- College teachers are consulted by the University during restructuring syllabi for traditional and innovative subjects as invited members of Board of Studies.
- University also extends financial assistance to college teachers for conduct of research, book publications, minor research projects, etc.

Financial assistance is given to the following teachers for Minor Research Projects :

Name of the Teacher	Department	Academic Year	Financial Assistance
Dr. Savita Khokle	Marathi	2014-15	24000/-
Dr. Vandana Mahure	Political Science	2014-15	24000/-
Mr. Vishnu Patil	English	2013-14	15000/-



- Adequate guidance is also given by the University in the use of new educational technology, ICT in teaching and learning aspects of the curriculum and even newly introduced laboratory techniques through seminars and workshops.
- Academic Staff College of the University regularly organizes Orientation/ Refresher Courses/ Winter Schools for the academic and professional development of teachers
- University also organizes training programmes to make teaching-learning process flexible and student oriented.

Support from the Institution :

- M.S.P. Mandal, the parent institute, organizes orientation programmes and workshops in each subject for the teachers in order to improve the quality of teaching and to provide opportunities for professional and academic development. There are 32 Orientation Programmes and workshops organized by the Institute during the last 4 years.
- The college exclusively organized 16 workshops and training programmes for the staff of the Department of IT and Computer Science.
- The college honours and encourages teachers for their outstanding contribution by offering awards like 'Best Teacher Award'.
- Provision of e-library with free internet facility and email based N-list provision for each faculty.
- Organization of study tours to visit various academic and research institutions.
- The college encourages teachers to participate in the orientation/refresher courses, workshops, and seminars to update their knowledge and improve their teaching practices.
- The college provides ample books, reference materials like journals, magazines, software to enable the teacher to ensure effective delivery of curriculum.
- The college ensures students to have constant and continuous access to syllabus, course papers, reference materials through online learning systems – DCA net.
- Extension of financial assistance to upgrade the research laboratories. The College has well equipped Central Research Lab facility with highly sophisticated instruments like GC, FTIR, Rota Evaporator, HPLC, COD incubator, AAS, Petrological Microscope, Automatic Tissue Processor, Muffle furnace, Spectrum, DNA Sequencer, Matlab Software for Mathematics, etc.



1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

The college makes constant efforts throughout the year to enhance the quality of delivery of curriculum to the students:

Initiatives	Context	Practice
Course Objectives/Learning Outcomes	The college ensures that its various programmes and activities help to achieve the stated learning outcomes	<ul style="list-style-type: none">• Learning Outcomes are uploaded on the College website• During initial lectures, Students are informed about the course objectives and learning outcomes
Promoting the Use of Technology	The College promotes and develops the use of technology used in support of teaching, learning, and research. The college also provide services that enable faculty and students to effectively collaborate and share information through the use of technologies	<ul style="list-style-type: none">• ICT oriented class rooms• Wi-Fi, LAN network• Use of K-YAN smart projector by Department of Botany, Zoology, Maths and Computer Science• e-journals, INFLIBNET, EDUSAT• Computer Labs• Faculty members are provided computers with internet facility
Workshops/Seminars/Conferences	The College organises seminars/conferences/workshops both for students and teachers to crystallize the university expectations from various syllabi.	Seminars/conferences organized : 16 Workshops organized: 10
Professional Training to Teachers	The institution conducts orientation programmes in each subject. The objective of such programmes is to empower teachers to develop their knowledge and skills actively and experientially, in a variety of learning environments, both individual and collaborative.	Orientation Programmes organized by the Institution: 32 ICT based Training Workshops: 16
Environmental Awareness	As Environmental Studies is a special subject at UG level,	<ul style="list-style-type: none">• Eco Club• Green Audit



	therefore various initiatives are implemented to promote environmental awareness	<ul style="list-style-type: none">● Recycling of Water● Energy Conservation● Plantation● Waste Management● Use of Solar Energy● Rain Water Harvesting Project.● Celebration of World Water Day
Value Orientation	Value based education strengthens students' self-esteem, optimism and commitment to personal fulfillment; and help students exercise ethical judgement and social responsibility. Value orientation is imparted through curricular and extra-curricular activities planned by the College	<ul style="list-style-type: none">● National Anthem● Gandhian Study Center● Shau-Phule- Ambedkar Lecture Series since 24 years● Celebration of important days such as Teachers' Day● NSS/NCC activities
Self-Development	The college offers a wide range of activities for holistic development of students	<ul style="list-style-type: none">● Project Work● Visits to Industries● Study Tours● Career Guidance Cell● Drama/ Music Club● Literary Associations, Science Forum, Commerce Forum, Social Sciences Forum
Global & National Issues	Organization of Programmes on Global and National Issues	<ul style="list-style-type: none">● Guest Lectures● AIDS Awareness campaign● Women Empowerment● Population Control● Terrorism● Health Awareness● Celebration of Hindi Day● Water Conservation and Global Warming
Fostering skills among students	Communication & Soft Skills	<ul style="list-style-type: none">● English Language Lab● Certificate Course in Business Communication in English● Certificate Course in Spoken English● Workshops on



		Personality Development
Quest for Excellence	The college adopts best possible methods to promote excellence	<ul style="list-style-type: none"> • Recruitment of well qualified Teachers • Research Guides: 19 • Ph.D: 44 • M.Phil: 12 • Promising Academic Results
Employability	Effective curriculum delivery and transaction offers a way of testing how and where employability-related learning is incorporated into curricula. The College takes various initiatives to promote employability.	<ul style="list-style-type: none"> • B.Voc. Degree Courses - Jewellery Design & Gemology/ Multimedia and Animation • 17 Certificate Courses • Placement Cell • Pre-placement workshops. • Campus Interviews

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

Industry: The purpose of Industry Institute interaction is to share the knowledge between industry and institute to equip the students coming out of the institute to cater the needs of the industry with regard to the skill competence and the trained power.

To integrate industrial training and other inputs from the industry with the teaching learning processes, interaction is necessary as it develops students' awareness on job functions in the industry, attitudes to adapt to industrial environment, proper practical and relevant knowledge, skills and competencies in preparation to becoming self employed. Industry expectations are also echoed through sound interaction, particularly the requirements from new recruits who are expected to be orientated to industrial disciplines, job descriptions within the workplace with industrial practices.

MoU with Industry:

- Animation Studio Jingle-Toons Pvt.Ltd.
- Hebrew University of Jerusalem, Israel
- Matrix Fine Solutions Pvt. Ltd.
- Endurance Technologies Pvt. Ltd.
- Maharashtra Chamber of Commerce

Industry Institute Interaction - Well known industrialists & industry experts visiting the College:

- Dr. L. M. Suresh – Lead Scientist (Monsanto)
- Mr. Mansing Pawar, the Chairman, Maharashtra Chamber of Commerce.



- Dr. Sachin Bhagwat – Scientist (Wockhardt)
- Dr. G.A. Dhande –Scientist (Nirmal Seeds)
- Dr. H. Bajwa – Manager (Skol Breweries)

Industrial Visits :

- Guided interaction is given to the students with the industrial agencies during the ongoing visits.
- Industrial Visits during last 4 years: 26

Placement - No. of Placements during last 4yrs: 473

Placement Companies

- Reliance Life Sciences, Mumbai
- INFOSYS, Bangalore
- Biocon, Bengaluru
- Nirmal Seeds, Pachora
- Wockhardt Industries, Aurangabad
- Baxter Ltd., Aurangabad
- Nath Biogenes, Aurangabad
- Mylan Ltd., Aurangabad
- Lupin Labs, Aurangabad
- East West Seeds, Aurangabad
- Ajanta Pharma, Aurangabad
- NCore Pharma, Aurangabad
- Wipro Technologies, Chennai
- Mahyco, Jalna
- Tata Consultancy Services

Research Bodies Collaborations:

- Paul Hebert Research Centre, Dr. B. A. M. University, Aurangabad.
- Hebrew University of Jerusalem, Israel
- Dr. Sheshnath Bhosale, R.M.I.T, University, Australia
- Dr. Dopler Sussane, Professor in Molocular Evolutionary Biology, University of Hamburg, Germany.
- Dr. Sidharth Bhosale, Scientist, CSIR, IICT, Hyderabad.
- Govt.College of Pharmacy, Aurangabad
- MGM'S J.N.E.C. N-6 CIDCO,Aurangabad

Research Projects

- Major Research Projects completed: 09
- Minor Research Projects completed: 16
- Major Research Projects ongoing: 03
- Minor Research Projects ongoing: 01
- Research Projects sanctioned by other Research Bodies like DST: 01

Interaction with Research Centers :

Eminent Scientists from various Research Centers visited the college during last 4 years

- Prof. Ken Howard, President (IAH), University of Toronto, Canada



- Prof. Masengo Illunga, University of South Africa
- Dr. Jayant Narlikar – Renowned Scientist and Astrophysicist
- Dr. S. M. Zingade, Deputy Director, Advance Treatment, Research & Education in Cancer, Mumbai
- Dr. B.R. Char, Director, Research & Development, MAHYCO, Aurangabad
- Prof. Robert Henry, Director, Queensland Alliance for Agriculture & Food Innovation, Australia
- Dr. P. A. Lokabharati, Scientist, National Institute of Oceanography, Goa
- Dr. S.M. Ghaskadbi, Scientist, Agharkar Research Institute, Pune
- Dr. D. V. Mehta, Scientist, Wockhardt Research Center, Aurangabad.
- The college organized Motivational Bridge Course in Mathematical Methods in Physics and Laboratory Practices in association with Indian Association of Physics Teachers RC-8. It was sponsored by Indian Academy of Sciences (IAS), Bagalore, Indian Science Academy (INSA), New Delhi, National Academy of Sciences, India (NASI), Allahabad.

University BoS Members :

No. of BoS Members in the College: 15

Regular formal Board of Studies meetings conducted by the University and informal departmental meetings throughout the academic year help the faculties to keep themselves abreast of the latest trends in their fields of study. Visits to the departments and the University Library are also organized. Professors from the University are invited for discussions, workshops and for professional interactions with the faculty members.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

- The curriculum designing is not in the purview of the college. But within the framework of the curriculum prescribed by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, the college has developed modules to enrich the knowledge, skills and values of students.
- Although, the responsibility of revising and restructuring syllabi mainly lies with the affiliating University, most of the faculty members are actively engaged in updating the curriculum in various subjects by participating in many meetings, workshops and seminars related to syllabus making and up gradation. It has helped to revamp and enrich curricula so as to keep pace with the changes which are taking place in the field of higher education and to meet the needs of the changed aspirations of students.



- **Teachers represented on the Board of Studies**

Sr. No.	Name of the Teacher	Subject
1.	Dr. S.N. Helambe	Electronics
2.	Dr. N. G. Nisal	Electronics
3.	Dr. A. V. Tejankar	Geology
4.	Dr. S. N. Thore	Chemistry
5.	Dr. M. V. Katariya	Chemistry
6.	Dr. S. B. Kiwane	Mathematics
7.	Dr. A. H. Dhumal	Microbiology
8.	Dr. P. V. Jabde	Botany
9.	Dr. M. N. Sarnaik	Physics
10.	Mrs. Pranita Chitnis	Commerce
11.	Dr. Geeta Patil	English
12.	Dr. Dilip Khairnar	Sociology
13.	Dr. Surekha Marathe	Psychology
14.	Dr. Atul Pawar	Psychology
15.	Dr. S. S. Jadhav	History

- **Teachers working on Academic Bodies of the University:**

Sr. No.	Name of the Teacher	Department	Academic Bodies
1.	Dr. M. L. Jadhav	Principal	<ul style="list-style-type: none">• Member, IQAC, Dr. B. A. M. University, Aurangabad
2.	Dr. G. M. Patil	English	<ul style="list-style-type: none">• Member, Management Council• Member, Academic Council• Member, Faculty of Arts• Member, Textbook Committee, Board of Studies
3.	Dr. D. R. Khairnar	Sociology	<ul style="list-style-type: none">• Member. Academic Council• Member, Board of Examinations
4.	Dr. A. V. Tejankar	Geology	<ul style="list-style-type: none">• Chairman, Board of Studies
5.	Dr. S. N. Thore	Chemistry	<ul style="list-style-type: none">• Chairman, Board of Studies

The college has its value based mechanism to obtain feedback on curriculum from academic peers, outgoing students, alumni, industry experts and parents.

Students Feedback

- Feedback is obtained from students at the end of the academic year in standard format.
- Feedback is also collected by the respective mentors.
- The end-semester result analysis also taken as part of feedback process.



Alumni feedback:

- Inputs as part of feedback are taken from alumni at the end of the course also whenever they visit the campus for various programmes

Employers / industries

- The feedback is collected from the employers and industries during the placement interviews and also during industry visits

Academic peers' feedback:

- The feedback is collected from the external examiners, experts invited for Guest lectures and industry experts.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

The Institution develops curricula for the following programmes and courses.

Bachelor of Vocation in Multimedia and Animation

Genuine Need:

Rapid changes have transformed the world which now seems to resemble a global village. Information and knowledge are growing at a breathtaking speed and form the very crux of this new scenario. Now, conventional disciplines and fields of study have to address the challenges posed by these changes. More importantly, students in pursuit of jobs in a competitive market are making newer demands on the educational system.

Design:

B.Voc. in Multimedia and Animation programme has been specifically designed to provide a launch-pad to the 10 +2 (Science) students towards a successful career in visual effects for films and televisions, and emerging applications for 3D visualization and animation. The comprehensive programmes covers the fundamentals of art, animation design, and visual effects, and subsequent application of these basics to 3D modeling, character animation, character rigging, texture and lighting, compositing, visual effects and more.

The practical training in Animation provided under this programme mirrors the work in professional animation and visual effects houses. The training is delivered in state-of-the-art laboratories that boast of a one-to-one (student-to-machine) ratio, encompassing the hands-on knowledge of industry standard animation and visual effects softwares, including Adobe Photoshop, Autodesk Maya, Premiere, After Effects, Fusion, etc.



Academic Tie-up:

We have academic tie-up with well known Animation studio Jingle-Toons Pvt.Ltd. for course designing, content delivery, and support for skilled professional training and project works. This will fulfill the current requirements of Animation Industry to provide highly skilled manpower to Animation Industry.

Bachelor of Vocation in Jewellery Design and Gemology

Genuine Need:

Now-a-days everyone seeks quality assurance and the gems industry is no different. The owners want to possess the best of gems to showcase it to their prospective buyers or retailers. The retailers on their part want to give the best to the customers and outdo other competitors. Finally, the end-user also wants genuine and high quality gems and gem encrusted jewellery for personal use. The need of all these stakeholders is authentic and ably catered to by the modern day gemologist. A profession in gemology is not just confined to laboratories and conducting tests for grading and evaluating gem stones. In fact as a gemologist you have innumerable job opportunities ranging from working in a diamond mine to the owner of a popular gems and jewellery brand.

Design:

Department of Geology of the college has unique privilege of being the first institute to conduct the course in the region. The course has been designed so that not only will the student leave with the highest level of professionally recognized gemological skills but will also have a sound working knowledge of all relevant aspects of the jewellery trade. It gives ample opportunity to use the gem and diamond testing skills and the programme also offers an introduction to gemological equipment, diamond grading and jewellery valuation.

Academic Tie-up:

- Panjim Institute of Gemology, Pune
- Balaji Diamond Industries, CIDCO, Aurangabad.
- Shri Raj Jewels, SEEPZ/SEZ Andheri, East, Mumbai, 400046
Dept. of Jewellery Designing, SNDT University, Mumbai.

Curriculum:

The curriculum of these programs incorporates the study of various techniques and instruments that are used in the gemological industry. These courses also provide you with hands on experience on gemological related tools and instruments by way of practical tests.



Various departments of the college have also designed the curriculum of the following Certificate Courses:

Need Assessment:

These courses are mainly designed in keeping the need of time in view. This has been an innovative effort by the college to offer such courses on the college level. It is high time to realize that the conventional study programmes are not enough for advancement in career. Students need to equip themselves with latest knowledge of various areas of interdisciplinary nature.

List of the courses:

- Certificate Course in Plant Tissue Culture
- Certificate Course in Advanced Instruments in Chemistry
- Certificate Course in JAVA Programming
- Certificate Course in Bio-fertilizer Production
- Certificate Course in Dot Net Programming
- Certificate Course in Chemo-informatics
- Certificate Course in Bioprocess Technology
- Certificate Course in Hydrogeology and Groundwater Management
- Training Course in Professional Accounting
- Certificate Course in Mental Health and Counselling
- Certificate Course in Business Communication in English
- Certificate Course in Applied Sociology
- Certificate Course in Library & Information Science
- Certificate Course in Animation using FLASH
- Certificate Course in Nutritional Counselling
- Certificate Course in Hand Embroidery
- Proficiency Certificate Course in Dramatics

1.1.8 How does institution analyse/ensure that the stated objectives of curriculum are achieved in the course of implementation?

Quality Enhancement of Students

- Results
- Percentage of students to pursue higher education
- Placement
- Achievement of Students in Co-curricular and Extra-curricular Activities

Quality Enhancement of Faculty

- Research
- Publications
- Research Projects
- Research Centers
- Innovative teaching methods

**Overall Performance of the Institution**

- Awards and recognition
- Achievement in Co-curricular & Extra-curricular activities
- Alumni

Feedback

- Students Feedback

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.

Undergraduate Courses (Self-financing)

Programme	Objectives
BBA Bachelor of Business Administration	<ul style="list-style-type: none"> • To provide adequate understanding about Management Education • To generate awareness regarding new opportunities in the Management profession • To train the students in communication skills effectively. • To inculcate Entrepreneurial skills
BCA	<ul style="list-style-type: none"> • To provide sound academic base from which an advanced career in Computer Application can be developed • To provide conceptual grounding in computer usage as well as its practical business application
B.Sc. IT	<ul style="list-style-type: none"> • To synergize Information Technology in all its ramification. • To provide basic inputs in various aspects of and a broad understanding of IT and its other interdisciplinary interfaces.
B.Sc. Bio-technology	<ul style="list-style-type: none"> • Effective processes for food production, food storage, environmental conservation and preservation • Development of newer life saving drugs and vaccines • Offering new recombinant products with respect to advanced properties like longer shelf life, higher nutritive values • Developing new varieties in plants through RDT, offering resistance to pathogens, stress, and drought conditions.
B. Sc. Bio-informatics	<ul style="list-style-type: none"> • Increase the understanding of biological processes through computers • Creation of biological databases and algorithms



	<ul style="list-style-type: none"> • Development of newer drugs using molecular modeling, structural databases • Focuses on gen-gene-protein and protein-protein interactions
B.Sc. Computer Science	<ul style="list-style-type: none"> • The aim of this programme is to develop working knowledge about computers and impart skills to use the computers effectively in developing commercial and scientific applications.

Diploma

Diploma	Objectives
PG Diploma in Business Management	<ul style="list-style-type: none"> • This program addresses the needs of graduates from a range of disciplines who are seeking to increase their professional value through acquiring both an understanding of global, national and local pressures on business and a capability to respond professionally and effectively to those pressures. • It provides students with concepts, frameworks, analytical, problem solving and research skills to enable them to operate confidently and effectively in a global environment
UG Diploma in Gandhian Thought	<ul style="list-style-type: none"> • To offer students a systematic understanding of Gandhi's thoughts and principles. • To orient students in values like peace, non-violence and self control.

B.Voc. Courses

Programme	Objectives
Jewellery Design and Gemology	<ul style="list-style-type: none"> • To impart a high level of systematic education in jewellery design, gemology and manufacturing • To understand and to bring awareness in the fields of Gemology, Manufacturing and Jewellery Design Concept, and to introduce to the world Indian Jewellery and Western Designs for the Indian market as well as for export purposes • To create a worldclass professional manpower talent pool for the fast growing Indian Jewellery Sector.
Multimedia and Animation	<ul style="list-style-type: none"> • To familiarize the students with various approaches, methods and techniques of Animation Technology. • To develop competencies and skills needed for becoming an effective Animator. • Mastering traditional & digital tools to produce stills and moving images. • Exploring different approaches in computer animation. • To enable students to manage Animation Projects from its Conceptual Stage to the final product



	<p>creation.</p> <ul style="list-style-type: none">• To train students in applying laws of human motion and psychology in 2-D or 3-D characters.• To develop expertise in life-drawing and related techniques.• To apply Audio and Video Production Techniques to an Animation Project.
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Certificate Courses

The Institution analyzes the skill gaps among students of various disciplines after reviewing the industry expectations. Based on this analysis the Institution has introduced many certificate, diploma and skill development courses to impart required skills and competency among students that enhances their employability.

The following are the certificate/skill development courses conducted by the institution:

Sr. No.	Course	Objectives
1	Certificate Course in Plant Tissue Culture	<ul style="list-style-type: none">• Explain the nature of plant growth processes, in the tissue culture environment.• Explain the management of environmental control equipment used in tissue culture• To impart concepts pertaining to advanced areas of research in plant and contemporary approaches employed by industry
2	Certificate Course in Advanced Instruments in Chemistry	<ul style="list-style-type: none">• To provide qualitative and quantitative information about chemical and structural composition of a matter sample• To prepare a sample correctly, choose a particular method of analysis and report the results in a meaningful format
3	Certificate Course in JAVA Programming	<ul style="list-style-type: none">• To provide students with an understanding about implementation of JAVA compiler• To teach students how to use JAVA in web base application.
4	Certificate Course in Bio-fertilizer Production	<ul style="list-style-type: none">• To promote organic farming and to increase agricultural productivity• To provide knowledge about how to convert the organic waste into plant nutrient resources, prevent pollution and environment degradation by proper conversion and utilization of organic waste
5	Certificate Course in Dot Net Programming	<ul style="list-style-type: none">• To provide students with an understanding about building GUIs for web-based applications and web services.• To teach students how to develop computer



		applications under Visual Studio Environment, with an emphasis on the correct application of object-oriented methods
6	Certificate Course in Chemo-informatics	<ul style="list-style-type: none">• Define chemoinformatics and name the main areas of application within drug discovery.• Interpret the most important formats used for describing molecular structures• Describe the most widely used machine learning tools in chemoinformatics and the algorithms that they are based on.• Understand the differences between linear and non-linear models, supervised and unsupervised machine-learning, clustering and classification.
7	Certificate Course in Bioprocess Technology	<ul style="list-style-type: none">• To develop skills of the students in the area of Bioprocess Technology with emphasis on Bioprocess principles.• To equip the students with adequate knowledge for fermentation industry.
8	Certificate Course in Hydrogeology and Groundwater Management	<ul style="list-style-type: none">• Explain in detail how groundwater systems function• Describe the interactions between groundwater systems, climate, surface waters and land use• Use modelling tools for climate and groundwater systems• Plan groundwater-related adaptation solutions for global change.
9	Training Course in Professional Accounting	<ul style="list-style-type: none">• To give the complete knowledge about financial accounting using Tally ERP9• To get job opportunity in every type of industrial/ business/ other commercial enterprises
10	Certificate Course in Mental Health and Counselling	<ul style="list-style-type: none">• To understand the importance of mental health• To improve the adjustment level of the students to face the problems of life• To understand how to manage stress in their life situation• To get knowledge about psychosomatic disorder
11	Certificate Course in Business Communication in English	<ul style="list-style-type: none">• To prepare students for BPO industries like INFOSYS, CINTEL, WIPRO, etc.• To enhance the language skills, presentation skills and analytical skills of the students.
12	Certificate Course in Applied Sociology	<ul style="list-style-type: none">• To develop skills among students for contribution to the reconstruction of rural institutions , rural development programmes in terms of planning• To give students necessary practice and exposure to apply the skills in the field situations as well as data analysis
13	Certificate Course in	<ul style="list-style-type: none">• To provide a variety of employment



	Library & Information Science	<p>opportunities in libraries of schools, colleges, universities as well as public libraries.</p> <ul style="list-style-type: none">• To orient students in use of modern techniques and technology in libraries.
14	Certificate Course in Animation using FLASH	<ul style="list-style-type: none">• To provide students with an understanding about graphics and text animation for web-based applications and for advertising• To teach students how to develop academic graphical contents which can be animated to get clear understanding of the subject
15	Certificate Course in Nutritional Counselling	<ul style="list-style-type: none">• To provide a strong grounding in human nutrition and the basic skills needed to advise or counsel people in this area• To develop counselling skills, understand counselling techniques and work with people who are focussed on improving their health through nutrition
16	Certificate Course in Hand Embroidery	<ul style="list-style-type: none">• To train the girl students in most fascinating art of decorative items and design oriented products• To enable them grab lucrative opportunities in state and national level, with major thrust on designs and innovation• To impart creative and technical skills in embroidery• To encourage entrepreneurship
17	Proficiency Certificate Course in Dramatics	<ul style="list-style-type: none">• To provide basic introduction to the art of theatre to the learners.• To offer both theoretical and practical inputs to the students.

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If 'yes', give details.

Since the institution adheres to the rules and regulations of Dr. Babasaheb Ambedkar Marathwada University, the institution does not offer dual degree. However, a student is able to keep terms for any of the autonomous certificate courses of the institution simultaneously with his under- or post-graduate studies.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability

- **Range of Core /Elective options offered by the University and those opted by the college**



- Choice Based Credit System and range of subject options
- Courses offered in modular form
- Credit transfer and accumulation facility
- Lateral and vertical mobility within and across programmes and courses
- Enrichment courses

Range of Programme Options:**Undergraduate Programmes : 10**

Faculty	Programme	Options
Arts	B.A.	15 subject combinations
Commerce	B.Com., B.B.A., B.C.A. (Management)	7 Subject combinations
Science	B.SC., B.C.A. (Science), B.Sc. Biotechnology, B.Sc. Bioinformatics, B.Sc. Computer Science and B.Sc. Information Technology	27 Subject Combinations

Post graduate programmes

Faculty	No. of Programmes	Subject
Arts	7	Language - English, Hindi, Marathi, Social Sciences: Political Science, Sociology, History, Psychology
Science	13	Chemistry, Electronics, Microbiology, Physics, Botany, Biochemistry, Biotechnology, Computer Science, IT, Environmental Science, Bioinformatics, Geology & Mathematics
Commerce and Management	2	<ul style="list-style-type: none"> • M.Com • PG Diploma in Business Management (DBM)

- Research guides available: 19
- University Recognized Ph. D Research Centers : 10

Ph.D guides are available in the following subjects:

Faculty	Subjects
Arts	Language: English, Marathi, Hindi Social Sciences: Sociology, Psychology
Science	Botany, Zoology, Physics, Electronics, Chemistry, Geology, Mathematics
Commerce & Management	Commerce & Management



Interdisciplinary Courses: Environmental Science, Bioinformatics, B.C.A., B.B.A & B.Voc.

Short term Certificate Courses : 18

B.Voc. Courses : 2

- Bachelor of Vocation in Multimedia and Animation
- Bachelor of Vocation in Jewellery Design and Gemology

Academic Flexibility:

In all the UG and PG Courses fair amount of flexibility is provided within the limitations of an Affiliated College as per the norms of the affiliating University. Academic flexibility is more in UG programs as compared to PG courses.

B.Sc.: 27 different combinations of subjects are offered by the college:

1	Physics	Mathematics	Electronics
2	Physics	Mathematics	Computer Science
3	Physics	Chemistry	Mathematics
4	Physics	Chemistry	Computer Science
5	Physics	Electronics	Computer Science
6	Physics	Chemistry	Geology
7	Physics	chemistry	Analytical Chemistry
8	Physics	Chemistry	Electronics
9	Physics	Geology	Computer Science
10	Physics	Computer Science	Environmental Science
11	Physics	Instrumentaion	Electronics
12	Physics	Instrumentation	Computer Scieence
13	Physics	Mathematics	Geology
14	Botany	Chemistry	Geology
15	Botany	Chemistry	Zoology
16	Botany	Chemistry	Microbiology
17	Botany	Chemistry	Environmental Science
18	Botany	Chemistry	Analytical Chemistry
19	Botany	Zoology	Environmental Science
20	Botany	Zoology	Computer Science
21	Zoology	Chemistry	Environmental Science
22	Zoology	Chemistry	Microbiology
23	Zoology	Chemistry	Geology
24	Zoology	Chemistry	Analytical Chemistry
25	Chemistry	Analytical Chemistry	Computer Science
26	Chemistry	Electronics	Computer Science
27	Instrumentation	Electronics	Computer Science

**Humanities and Social Sciences: B.A.**

Class	Subjects
B.A. First Year Semester I Semester II	English (Compulsory)
	Any one of the following as the Second Language (SL) 1. English 2. Marathi 3. Hindi 4. Sanskrit
	Three optional subjects are to be opted and not more than one from each of the following groups: Group A: Marathi, Hindi, English, Sanskrit Group B: Psychology, Home Science, Music, Dramatics Group C: Political Science, Sociology Group D: History Group E: Economics, Public Administration
B.A. Second Year Semester III Semester IV	Compulsory Subjects 1. English 2. Environmental Science 3. Computer Science
	One Second Language which has been opted in B. A. First Year
	Three Optional Subjects which have been opted in B.A. First Year
B.A. Third Year Semester V Semester VI	The Optional Subjects opted at First and Second Year, are to be continued in Third Year. Students have to select one of them as main subject for 400 marks and remaining two optionals as subsidiary subjects for 200 marks each.

B.Com.

Class	Subjects
B.Com. First Year	Compulsory Subjects 1. English 2. I.T. Application in Business
	Any one of the following as the Second Language (SL) 1. English 2. Marathi 3. Hindi 4. Sanskrit
Semester I	1. Entrepreneurship Dev. I 2. Business and Industrial Economics – I 3. Business Mathematics and Statistics – I 4. Financial Accounting - I
Semester II	1. Entrepreneurship Dev. II 2. Business and Industrial Economics – II 3. Business Mathematics and Statistics – II 4. Financial Accounting - II
B.Com. Second Year	Compulsory Subjects 1. English 2. Environmental Science 3. I.T. Application in Business
	One Second Language which has been opted in B. Com. First Year
Semester III	1. Principles of Business Management 2. Corporate Accounting- I 3. Business Regulatory Framework 4. Marketing Management <i>Or</i> Financial Management
Semester IV	1. Organizational Behaviour



	<ol style="list-style-type: none"> 2. Corporate Accounting- II 3. Corporate Legal Framework 4. Marketing Management <i>Or</i> Financial Management
B.Com. Third Year	<p>. Compulsory Subject :</p> <p>I.T. Application in Business</p>
Semester V	<ol style="list-style-type: none"> 1. Cost Accounting- I 2. Auditing Concepts 3. Direct Taxes 4. Management Accounting - I 5. Insurance <i>Or</i> Small Business Management
Semester VI	<ol style="list-style-type: none"> 1. Cost Accounting- II 2. New Auditing Trends 3. Indirect Taxes 4. Management Accounting - II 5. Banking <i>Or</i> Retail Management

Flexibility to Choose the Second Language: The college has adequate number of options for second language i.e English, Hindi, Marathi & Sanskrit. Students have to choose one language as a second language (SL) in first and second year of their graduation.

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

The College offers following Self-financing programmes :

Undergraduate Programmes:

Programme	Admission	Curriculum Institution/ University	Fee Structure	Teacher Qualification (Minimum)	Salary
BCA Management	Entrance Test	University	As per University norms	Post Graduate	Fix Pay
B.C.A. (Science)	Entrance Test	University	As per University norms	Post Graduate	Fix Pay
B.Sc. Biotechnology	Entrance Test	University	As per University norms	Post Graduate	Fix Pay
B.Sc. Bioinformatics	Entrance Test	University	As per University norms	Post Graduate	Fix Pay



Computer Science	Entrance Test	University	As per University norms	Post Graduate	Fix Pay
Information Technology	Entrance Test	University	As per University norms	Post Graduate	Fix Pay
BBA	Entrance Test	University	As per University norms	Post Graduate	Fix Pay

Post Graduate Programmes

Programme	Admission	Curriculum Institution/ University	Fee Structure	Teacher Qualification (Minimum)	Salary
M. A.	First cum first served basis	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Com.	As per merit	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Chemistry	Entrance Test	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Biochemistry	Entrance Test	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Bioinformatics	Entrance Test	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Biotechnology	Entrance Test	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Environmental Science	As per merit	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Microbiology	Entrance Test	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. IT	Entrance Test	University	As per University norms	Post Graduate/ NET/ SET or	Fix Pay



				Ph.D.	
M.Sc. Comp Sci.	Entrance Test	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Physics	As per merit	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Electronics	Entrance Test	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Botany	As per merit	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Geology	As per merit	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay
M.Sc. Mathematics	As per merit	University	As per University norms	Post Graduate/ NET/ SET or Ph.D.	Fix Pay

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

Other than the Certificate Courses, the institution offers following skill oriented programmes relevant to regional and global employment market:

Sr. No.	Particulars	Activities	No. of Beneficiaries
1	Apex Career Academy	The college has signed an MoU with Apex Career Point a professional coaching centre for competitive exams. The centre provides coaching for PSI/STI/MPSC/UPSC and other competitive examinations.	155 students qualified in various exams of MPSC, UPSC, Army and DRDO.
2	Career Guidance & Placement Cell	Campus Placement: There is a separate Training and Placement Cell headed by Training and Placement Officer (HR-TPO) to provide job opportunities to the students. This cell is always in contact with different industries and provides them with skilled manpower;	



		arranges interviews for them. This cell also provides training for personality development, group discussions and interview techniques. Total No. of Placements: Training for campus placement Infosys, Pune: 8/1/2013 – No. of Studnets: 150 Infosys, Pune: 11/12/2014 -No. of Studnets: 152 Infosys, Pune: 18/12/2014 -No. of Studnets: 89 Total No. of Studnets participated in Training Workshop	473 391
3	English Language Lab	Keeping in view the increasing importance of English for career purpose we have a well equipped English Language Lab with the software provided by Orell installed in multimedia computers. The software consists of interactive learning kits which help student enhance their verbal and written communication in English and thereby their employability.	400
4	B.Voc	Fully-fledged B. Voc courses offered keeping in view the employability and skill enhancement for it.	41
5	Certificate Courses	Certificate courses like Business Communication in English, Hand Embroidary, Dot Net Programming, Biofertilizer Production, Professional Accounting, Plant Tissue Culture and Bioprocess Technology are designed to equip students with the professional knowledge of the subject.	554

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice” If ‘yes’, how does the institution take advantage of such provision for the benefit of students?

The institution is not authorised to provide this facility to the students at present.



1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

Realization of Goals:

The University designs the college syllabi leaving very little scope for the college. However while implementing the syllabi prescribed by the University, the institution's goals and objectives are always a watchword.

The college offers extensive co- curricular and extra-curricular activities taking into view the goals of the institution.

- In keeping with our mission of providing an all round & holistic education to students, the College has a number of clubs and associations which provide opportunities for development of talent as well as for overall recreational activities.
- For creating job-options locally, the college introduced "Self Employment Certificate Courses"
- The college has a career guidance center named Apex Career Academy which provides guidance on career persuasion.
- Remedial and Bridge courses for academically disadvantaged students
- The college organizes various extension activities through NSS for cultivation of values like national integration, patriotism, equality, humanism, secularism, socialism and peace.
- To give scope for creative talent among students, various co-curricular and extra-curricular activities are conducted ex. Quiz, debate competitions, essay writing, drama, sports competitions and cultural activities.
- The students also join the social programmes like Blood Donation, Adult Literacy, Female Feticide, Anti Dowry Movement, Eradication of superstitions, Pulse Polio programme, Aids Awareness, water management, pollution hazards, tree plantation, etc.
- The "Women Empowerment Cell" is initiated with the sacred commitment to uplift women from oppression and discrimination, to elevate the status of women in society by making them self-reliant.
- The College maintains an excellent research environment. Every department is vibrant with research activity. The College has a team of duly qualified and talented teachers. This has considerably helped in providing quality education..

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

The institution has taken following initiatives to modify, enrich and organize the curriculum to cater the needs of the dynamic employment market:

- Special care and targeted teaching is invoked to equip students taking up the challenges of higher education and proceed employment
- The training and placement cell of the college regularly interacts with the HR managers of various companies and collects first-hand information about the demands and expectations of the corporate sectors in respect of skill sets of students.
- Campus placements from reputed IT & BPO companies
- Audio visual seminar hall for presentation
- Monthly Seminars by experts on specific topics
- Aptitude test for preparations of entrance exam and campus interviews.
- College takes feedback from students, industries and experts from other universities as to enrich the curricula making it employable.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

Gender :

- The induction program at the beginning of the academic year for the entire fresher's educates and creates the sufficient awareness on gender sensitivity.
- Celebration and organization of expert talks on Women Day.
- Implementation of a women empowerment programme '*Jagar Janivancha*'
- '*Shirmi*' – a short film, which depicts the plight of women in villages, is directed, written and produced by Mr. Anilkumar Salve, the Head of the Department of Drama, and the students of the Department acted in the film.
- *Shirmi* received **The Best Film Award** in **National Short Film Festival** organized at Aurangabad entitled "TECH'EVE".
- *Shirmi* received Jury Appreciation Award in **KOCHI International Short Film Festival, Kerala, 2015**.
- *Shirmi* also bagged the **Best Film Award** in Rotary Club sponsored National Film Festival entitled **SHIKHAR** at Aurangabad.

Climate Change :

- Rain Water Harvesting Project resulting in saving of 33 million litres of water per year.
- A project of Recycling Water with capacity of 20,000 thousand litre water.



- Artificial recharge of borewells.
- Weather station is installed.
- One day workshop on water management and river interlinking - 22 March, 2012
- National conference on Ecostudies /Green studies: perspectives from literature, Life Science and Earth science -2-3 Feb, 2013
- Workshop on “ Status of Threatened Medicinal Plants and Their Conservation” - 13 May,2011
- Following projects completed by students :
 - Groundwater contamination: Study of Shendra MIDC village Kumbhephal Dist. Aurangabad
 - Groundwater contamination: Study of Kham River Basin Dist. Aurangabad.

Environmental Education :

- Environmental Studies – a compulsory subject for B.A./ B.Sc./ B.Com
- Seminars/ conferences to create awareness
- National seminar on Environmental pollution and its remedies - 24-25 Sept, 2011
- Following projects completed by students:
 - Hydro-geological Investigation of Rainwater Harvesting in response of Beed Bypass Area, Aurangabad
 - Sound Pollution: Study of Selected Localities of Aurangabad
 - Physio-chemical Analysis of Underground Water

Human Rights :

- **Gandhian Studies Center**
- Diploma & Certificate Course in Gandhian Thought
- Anti Ragging Cell
- Equal Opportunity Cell
- National conference on *Mahatma Gandhi and his views on Rural Life*
- In order to inculcate patriotism among students, the College conducts inter-University exam on the life and work of *Shahid Bhagat Singh* for last two years and also shows movies, documentaries based on his contribution.

ICT :

Technology is put into maximum use in the teaching-learning process. Our e-classrooms with LCD projectors make teaching sessions more interactive and help effective time management. Similarly our laboratories and library are e-enabled. The e-transactions cover the entire academic and related activities, thus contributing to significant enhancement of the learning process.

- Free Certificate course in PC Hardware and Networking for first year students
- DCANET facility for access e-books and video lectures for teachers and students
- **ICT traing programmes for teachers and students (for details please refer – 6.3.1)**



- Internet Access Labs
- Audio-visual seminar hall for presentation
- Software development lab
- Separate Digital and Microprocessor Lab
- 16 computer laboratories
- Workshops/ Seminars/Conferences
- Workshop on ‘Impact of Information Communication Technology on College Libraries’ held on 1/8/2010

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students _ moral and ethical value_ employable and life skills_ better career options _ community orientation
Enrichment Activities offered to ensure holistic development of Students:

Gandhi Study Centre: The college runs Gandhi Study Centre to inculcate ideas like human values, non-violence, peace, etc. among students. The centre conducts an exam entitled ‘Gandhi Vichar Darshan’ for students of schools and colleges. It also runs a certificate course entitled ‘*A Certificate Course in Gandhian Thought*’. Besides it, it also runs a diploma in ‘*A Diploma in Gandhian Thought*’.

Outcome: The centre has proved very helpful in spreading Gandhian thoughts among school and college students. Many students completed certificate and diploma from the centre. More than one thousand students from schools and colleges appear for exam *Gandhi Vichar Darshan* every year.

Creative and Performing Arts:

The college gives importance to leisure and recreational activities because such activities increase students’ enjoyment of college life and result in higher levels of motivation, achievement and retention. Our students achieve high standards on enrichment activities in music and drama. This experience helps to develop students’ confidence, fosters individual creativity and encourages teamwork. Moreover, the participation in music and drama is seen as particularly valuable because it brings together large numbers of students from all curriculum areas and from diverse family and ethnic backgrounds. They are able to work productively together for several months. The contribution to a strong social cohesiveness is remarked upon by staff and students alike.

Outcome: More than 500 prizes in various competitions

Service to Community

Service to others is a key objective for enrichment programmes in our college. Community service helps students to increase their awareness of the needs of others, to gain a wider perspective of their local community and to relate their own experience to a wider social context. The College conducts several



Exposure programmes with a view to introduce the students to different facets of human life and social settings e.g. Visits to old-age homes, homes for the destitute and the infirm, orphanages, home for the children in distress, are regular features of the institution

Outcome: Awarded first prize by Higher and Technical Education, State Govt for a Women Empowerment Campaign- *Jagar Janivancha*

Sports

Competitive sports facilities in colleges enhance the sporting life of the locality. College teams participate in local leagues and knock-out competitions. Students often progress from college teams into state and national league teams. Where team or group activities have a clearly-defined purpose, they help to develop the skills of leadership and teamwork.

Outcome: 13 students are honoured with *Shivchhatrapati Award* – a prestigious State Level Award in Sports

Group Projects

The skills of working with others are developed not only through group activities in sport, drama and music but also through projects in which a group works together to perform a particular task.

Outcome: NSS/NCC Camps: 120 students completed Basic Scientific Research Projects

Organizational Skills

Some students gain experience in planning, organisation, leadership and interpersonal skills through their roles as officers of the **Students' Council** or of college associations. Student associations frequently contribute to the provision and organisation of enrichment activities. For example, officers of the **Students' Council** organise sports, cultural, and other college events.

Outcome: College Annual Magazine '*Deogiriy*'. Successful organization of Annual Day Function

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

Formal and informal feedback is collected from students, parents, alumni and other stakeholders on the effectiveness of the curriculum. The feedback thus collected is taken into consideration in making necessary changes in providing quality education. For example,



- As per the students' demand, the College has regrouped subjects so as to accommodate choices which meet students' likes and preferences. This has helped to circumvent the problem of fall in attendance, failure in exams, and general irregularities
- Based on the feedback received from alumni and students, the college has introduced various certificate courses.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

The Internal Quality Assurance Cell of the College collects data from the Co-ordinator/Chairman of each of the activities on the following measures:

Goal of the Enrichment Programmes:

- Ensure equitable exposure to a wide range of extra-curricular and enrichment opportunities that build leadership, nurture talents and interests, and increase engagement with the college.

Evaluation of the Enrichment of the Programmes:

- Participation in enrichment activities at the college/university/state/ national level
- Outcome of the enrichment activities in terms of performance/ prizes/ placements/ and overall personality development of the students.

Identify disparities:

- Comparison of students' participation and outcome of enrichment activities to the last year performance.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Organization of Workshops on Syllabus:

Department	Theme	Date
English	One Day Workshop on <i>Approaches to Literature</i>	5 th August, 2012
	One day Workshop on <i>Enrichment and Transmission of the Revised Syllabus in English</i> at UG & PG Levels"	17 th August, 2013
	A Workshop on <i>Revised Syllabus of English</i> at PG Level	2 nd January, 2015

**Teachers' inputs as Members of the Board of Studies :**

Name of the BoS Member	Subject	Suggestions	Impact
Mrs. P. L. Chitnis	Commerce	Some contents of human rights should be included in the syllabus	One chapter on Human Rights is included in the IV semester's syllabus of Business Regulatory Framework -II
		Suggestions are given to include some topics in Human Resource Management - I	Following topics are included: Performance appraisal – concept and its techniques Motivating Human Resources Employee welfare – types of services, function and role
Dr. Alka Dhumal	Microbiology	In B.Sc. II year, Paper XII, previously 18 bacterial, fungal, viral & protozoal diseases were included in the syllabus. Due to time constraints, it was difficult to complete the syllabus in a semester. Suggestions were given to curtail some contents.	As per suggestion, out of 18 diseases, 6 diseases were deleted from the syllabus. Now, there is sufficient scope for teachers to complete the syllabus within time.
		In view of Advances in Genetics and Immunology, some advance concepts were suggested to be included in the syllabus	Accordingly, these concepts were included in the two papers of B.Sc. II & B.Sc. III year titled 'Immunology' Paper VIII & 'Recombinant DNA Technology' Paper XXI
		In B.Sc. II year, Paper VII, 'Environmental Microbiology' of IIIrd Sem. & Paper XI 'Applied Microbiology' of IVth Sem were not balanced in terms of the volume of their content. Reshuffling was suggested.	Accordingly, unit on 'Soil Microbiology' from IV semester was shifted to III semester
Dr. S. B. Kiwane	Mathematics	He suggested a book entitled 'Introductory Methods of	Accordingly, the book is prescribed for the Paper:



		Numerical Analysis' by the author S.S. Sastry to be prescribed in the syllabus of B.Sc. II	MAT – 401(Numerical Methods) of B.Sc. II year
Dr. D. R. Khairnar	Sociology	To inculcate research aptitude among students, a paper fully devoted to Project Writing is suggested	A paper of 100 marks on Project Writing for B.A. III year will be implemented from academic year 2015-16
Dr. A. V. Tejankar	Geology	Practical based activities to be included in the syllabus of B.Sc.	Practical related activities water analysis, selection of dug well and borewell sights are included in the syllabus of B.Sc.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

- There is a Feedback Analysis Committee that accumulates all feedback and analyse it systematically. The committee designs the feedback forms by taking into consideration the various aspects. The feedback is collected from students by random sampling method.
- The committee analyses the feedback and prepares a report. The conclusions and recommendations are communicated to University through the members of BoS working in our college. The feedback received on curriculum is also considered while designing new short term courses and implementation of University curricula.
- Teachers also send the new curricula to experts from various industries and academicians from different universities and receive feedback in hard copy format and online as well.
- College invites various companies that organize events of campus placement for students. The companies like WNS –Glonerana, Hyderabad, WIPRO, Pune, IBM Global Process Services, Samarth Group, Aurangabad, Syntel Co. Ltd., Tata Motor Finance Ltd., Infosys Co. Ltd., Thyrocare Pvt. Ltd, Grainotech Industries Ltd, Accel Frontline Co.and Mahindra Tech are consulted about proper skill and professional development among students. Feedback is received from the HR teams visiting the college for placement drives. The feedback analyses is communicated to the BoS of different subjects.



1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?

New programmes/ courses introduced by the College:

Research Center	Psychology
Post Graduate Courses	M.Sc. Mathematics M.Sc. Geology
Bachelor of Vocational Courses	Jewellery Design and Gemology Multimedia and Animation
Undergraduate Courses	B.A. Sanskrit
Short Term Certificate Courses	<ul style="list-style-type: none">● Certificate Course in Plant Tissue Culture● Certificate Course in Advanced Instruments in Chemistry● Certificate Course in JAVA Programming● Certificate Course in Bio-fertilizer Production● Certificate Course in Dot Net Programming● Certificate Course in Chemo-informatics● Certificate Course in Bioprocess Technology● Certificate Course in Hydrogeology and Groundwater Management● Training Course in Professional Accounting● Certificate Course in Mental Health and Counselling● Certificate Course in Business Communication in English● Certificate Course in Applied Sociology● Certificate Course in Library & Information Science● Certificate Course in Animation using FLASH● Certificate Course in Nutritional Counselling● Certificate Course in Hand Embroidery● Proficiency Certificate Course in Dramatics

Rationale:

M.Sc. Mathematics:

The application of Mathematics to all branches of science is well known and it has increased many-fold during the last few decades. Knowledge of Mathematics is, therefore, imperative for carrying out research and it forms a necessary input for industrial and technological development of the country. Therefore, in order to cultivate a mathematical attitude and nurture the interests among students and to motivate them for research, the college offers course in Mathematics at post-graduate level.



M.Sc. Geology:

The Department of Geology of the College with its pursuit for excellence runs academic programmes to cater to the needs of the geological organizations, industries, research institutes, academic institutes and the society at large. The Department is passing through a phase of transition, transition in consonance with the changing times. Such phases play very crucial role in the future developments. As the horizon of Geology expanded into the sphere of Earth Systems Science, the Department has started the process of incorporating the newer disciplines in its academic curriculum. Therefore, in order to maintain a balance between the fundamental disciplines and the newer branches to equip the students with the necessary skills to match the newer, more stringent requirements of the academia and the highly competitive job-market, the Department initiated M.Sc. in Geology.

➤ **Bachelor of Vocational Courses**

Jewellery Design and Gemology :

The present course aims at imparting and inculcating the required skills among those interested through highly professional trainers encompassing both reputed academic institutes and Industries. With India standing as a strategic market for gems and jewelleries, more and more multinational companies are foraying into the lucrative space and there is growing demand for educated skilled craftsmen. The present course is aimed at bridging this significant gap and thus provides a good opportunity to those already in this industry and for those freshers who aspire to make career in this sector.

Multimedia and Animation:

Animation and Multimedia is a fast-emerging, high-paying career option today. Both animation and multimedia have attained importance and popularity in various professional fields such as Education, Advertising, Medicine, Military, Entertainment, Aviation, Information Technology, Banking, Business, Aeronautics, etc. Full length animation movies are in great demand now. A single animation film requires as many as 300 animators, which means huge employment opportunities. To step into this field, creativity is mandatory. Keeping that in mind, the college has initiated the course to nurture, enhance and guide students to bring their best creativity to a fruitful result.

B.A. Sanskrit:

The College initiated B.A. in Sanskrit in view of its importance from the point of view of educating the students about the ancient culture and heritage of our country and national integrity. Sanskrit has a rich tradition of kavya, drama and criticism. The course is intended to provide a general awareness on them. The course also aims to make an awareness of Sanskrit Literature as a classical poetic tradition.



Criterion II: **Teaching –Learning and Evaluation**

2.1 Student Enrollment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

Publicity in admission process:

- Advertisements on admission to UG, PG, Diploma and Certificate Courses programmes are published in the leading regional newspapers
- Elaborate guidelines on admission and courses offered are available on the college website :www.deogiricollege.org
- Students can apply online and offline for admission by filling in the online form available on the website.
- An up-dated prospectus is issued along with the application forms for admission. This contains the details of programmes offered, eligibility and procedure for admission to different programmes, learning resources, hostel and other facilities, fee-structure and scholarships available to students.
- Exhaustive and immediate email, counseling and contact phone help desk facility is available
- The College follows the admission criteria and process set by the DrBabasahebAmbedkarMarathwada University, Aurangabad and Government of Maharashtra.
- The institution has created an impact on the society through its rich tradition. The management, faculty members, parents, alumni, students, and well-wishers serve as ambassadors of the institution effectively facilitating its publicity

Access and transparency:

The university has laid down norms of eligibility for admissions to various courses. The college strictly adheres to those norms. The Government of Maharashtra has its rules of reservation for admissions. These rules are conveyed to students. The college also maintains reservation criterion method as per govt norms.

- Admission schedule is declared immediately after results.
- The college declares seats available for different courses.
- No students are denied admissions if the seats are vacant.
- Announcement of merit list of applicants who have qualified through entrance examination is produced on the website of the college.
- Selection of students depends on demands and needs of the society.



- The college keeps transparency in admission process.
- Admitting students this way the college gets students of high percentage by displaying merit lists of selected students on notice boards.
- The on-line system of admission accounts for easy access and total transparency. Different branches of Axis Bank from Aurangabad accept the application fee required for the submission of on-line forms. This system enables students to have easy access to admission.
- Details of all the applicants as given in their application forms are computerized and categorized community-wise on the basis of subject and marks in the college office.
- A Centralised Admission Committee provides detailed information to parents / students seeking admission in this Institute.

Equity:

- Equity is provided through the adherence to the governmental reservation norms
- The College has also internalized the practice of social reservation, financial incentives and welfare measures. Accordingly, the college has implemented suitable supporting steps and facilities for the benefit of students.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programs of the Institution.

The process of admission:

- The college has developed an on-line system of admission that consists of On-line availability of admission brochure, on-line submission of forms.
- Students can also access the form from the university website, fill it up and submit it online
- The admission fees can also be paid online through credit card or online transfer or through demand draft . This facility is available for both UG & PG programs.
- All admissions are computerized. Students are provided Permanent Registration Number (PRN) for further use.
- Necessary documents like eligibility certificate, migration certificate, E.B.C. forms are collected.
- All admissions are given on provisional basis subject to verification of documents and eligibility from university. The Principal reserves the rights of final admission and can cancel admission any time after verification.
- Students are instructed to preserve all college receipts without which no fees is refunded.



- Identity Card is issued soon after admission.
- List of the students admitted, is displayed on notice boards

Admission Criterion:

Traditional Courses: B.A. / B. Com./ B. Sc. /M.A./ M.Com./ M.Sc.

- The admission criteria adopted is primarily based on the merit achieved in the qualifying exam as prescribed by the Affiliating University and also for past-academic track record
- Students are selected for admission to First Year B.A., B. Com and B.Sc. with at least 40% of marks at 10 +2 level.
- Students are selected for admission to P.G. Classes with at least 45% marks at degree level.

Self-financing Courses :

The admissions of the self-financing UG and PG courses such as, B.B.A , B.C.A., Biotechnology, Bioinformatics and Biochemistry are on the basis of the common Entrance Test conducted by the college in the first week of June, the details of which are displayed on the notice boards of the concerned departments. The admissions for these courses are based on the following criteria:

- 50 % weightage for the marks obtained in the qualifying examination.
- 50% weightage for the marks obtained in the Entrance Test.
- Merit at the previous qualifying examination is considered for the subjects which are in high demand, for example B.Sc. Computer Science, I.T. Biotechnology, Biochemistry, Chemistry, Analytical Chemistry and Microbiology.
- Admission through interview is done for Diploma in Business Management.

Vocational Courses:

Multimedia and Animation

- The eligibility condition for admission shall be 10+2 (Science) or equivalent. The selection procedure is as per University norms and institution guidelines.

Jewellery Designing and Gemology

- The eligibility condition for admission shall be 10+2 (any stream) or equivalent. The selection procedure is as per University norms and institution guidelines.



2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

Open, SC and ST Candidate Highest and Lowest Percentage of Marks

Under Graduate

Sr. No.	Class	Open Category		SC Category		ST Category	
		Highest	Lowest	Highest	Lowest	Highest	Lowest
1	B.A.I	88.15%	45.67%	86.83	46.67	71.69	36.67
2	B.Com.I	96%	48.92%	84.46	47.69	86.92	62.77
3	B.Sc.I	68.40%	43.50%	71.54	44	74.77	48
4	BCS-I	76.15%	44.92%	66	46.92	60	--
5	B.Sc.IT-I	71.08%	44%	66.62	44.15	44	--
6	Bio.Tech. I	76.92%	48.69%	70.77	49.23	68.92	53.38
7	Bio.Infor.I	66.92%	48.15%	62.77	46.62	--	--
8	BCA (Sci.) I	72.92%	47.17%	68.40	47.20	--	--

Post Graduate

Sr. No.	Class	Open Category		SC Category		ST Category	
		Highest	Lowest	Highest	Lowest	Highest	Lowest
1	M.A.Mar.-I	66.88	48.23	79.38	50.11	48.23	46.26
2	M.A.Eng. I	71.25	47.32	74.25	48.25	49.20	44.58
3	M.A.Hindi-I	79.38	49.65	66.25	49.36	48.30	45.55
4	M.A.Pol.Sci.-I	74.50	52.39	74.38	48.21	47.88	46.77
5	M.A.His.-I	74.63	49.78	78	49.69	52.25	48.14
6	M.A.Soci.-I	71.50	48.88	74.88	50.69	70.88	53.27
7	M.A.Psy.-I	78.25	49.96	77.38	48.37	53.12	49.11
8	M.Com.I	83.33	48.96	79.86	50.56	98.14	50.12
9	M.Sc.Phy.-I	85.33	48.11	59.75	51.36	72.55	--
10	M.Sc.Bot.-I	87.08	49.25	71.21	54.22	72.44	--
11	M.Sc.Chem.-I	83.92	46.45	49.99	--	45	--
12	M.Sc.BioTech.-I	87.33	60	74.25	48.55	--	--
13	M.Sc.Comp Sci. -I	84.40	50	83.83	49.12	80.90	77.12
14	M.Sc.Micro. -I	85.92	45.55	77.50	67.17	73.83	--
15	M.Sc.Env.Sci. -I	83.67	45.47	62.75	62.33	-	-
16	M.Sc.IT. -I	88.20	51.70	73.20	49.36	-	-
17	M.Sc.BioTech -I	88.83	67	74.25	72.50	-	-
18	M.Sc.BioInfor -I	86.08	66.42	82.08	50	-	-
19	M.Sc. Elect -I	82.33	69.08	75.68	50	-	-
20	DBM	78.50	67.13	77.67	60.83	-	-



2.1.4 *Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?*

At the end of the admission, the whole process is reviewed and recommendations for change are suggested and instituted.

Review of Admission Process

- After admission, the Admission Committee reviews the admission process.
- The use of ICT facilitates the admission process and has reduced the amount of paperwork as well as the use of paper. The ICT enabled process has facilitated the generation of student profile reports.
- The committee also ascertains the need and relevance of the existing programmes. The subjects with high demand ratio necessitate the introduction of new programmes under Self-Finance stream. Suitable measures are planned to augment the demand for programmes with less demand ratio.

Outcome of the Analysis

- Self-financing Certificate Courses were introduced as per the demand.
- PG programmes in Mathematics and Geology were introduced in 2014-2015
- Additional divisions are introduced
- The departments with less demand intensified their publicity mechanisms, by conducting workshops for students to increase the student enrolment.
- Admission process is decentralized

Improvement in maintaining Student Profiles:

- Student profiles are categorized and maintained in the college office, after admission.
- Resumes of individual students are kept updated by the mentors in the departments.
- Counselling by the mentors help the students to identify their aptitude and needs and enable them to make the correct choice of subjects for further study.

Observation of Trends:

- Admissions to BA courses have increased every year.
- Number of girls students has increased during the last four years.
- Admissions to B.B.A and B.C.A (mg) are less enthusiastic.
- Admissions to M.Sc Biochemistry are decreasing.



2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

SC / ST / OBC / Economically Weaker Sections :

- In accordance with Government norms, the candidates from SC/ST and OBC communities, first generation learners, rural, educationally, economically and socially backward classes of the society are given priority in admission.
- Remedial coaching given to the slow learners of these communities, enable them to join the mainstream.
- Scholarships are procured for them to ease their financial constraints.
- Tuition fee is completely waived for daughters of destitute widows. Besides tuition fee, bus and mess fee concession, free accommodation in the hostel and free lunch are provided to students from the economically weaker sections.

Women:

Financial concession is given in admission and hostel fees to girls. The positive impact of this is apparent from the high number of girls students both in the courses of study and in the hostels run by the College.

Different categories of persons with disabilities:

- This is perhaps our forte, as Deogiri College has a disabled friendly campus with ramps constructed for accessibility across the buildings on the campus, with wheel chair accessibility within the College.
- The College has total 08 physically challenged students taking education during last five years.
- Miss Pardeshi Renuka studying in M.A. II year has been provided with four wheeler scooter. The students like Mr. Hindule Nandkumar Bhagwan, are visually challenged. They are provided facilities like brail machine and Low Vision Software.
- All physically challenged students are given fees concession. In the year, 2013-2014, physically challenged students like Aute Jija Ashok, Bombale Ravindra Ashok, Hindule Nandkumar Bhagwan, Marathe Kaumudi Vinayak and Marathe Ruchira Vinayak received financial support from the college.
- Special concern is shown to the differently-abled students of all categories in admission.
- All possible efforts are made to get them scholarships from various sources.



Economically Weaker Sections :

- Scholarships and Freeship are provided to all the students coming from the economically weaker sections of society by State/Central Government through the College.
- These facilities and caring atmosphere make the College an attractive proposition for the economically weak, many of them would not have been able to do higher education without such support.

Outstanding achievers in sports and extracurricular activities :

- Excellent performers in sports and extra-curricular activities are given preferences during admission and they are encouraged to participate in various sports activities under the guidance of the Sports department in the College.
- The College gives practice schedule for the students with interest in sports credit which all students have to earn through sports or other extra-curricular activities.
- Concession in term fee, examination fee, hostel charges is extended to them on the recommendation of the Physical Director.
- The Department of Sport and Physical education runs an innovative activity called 'Catch on the Gate' wherein students with peculiar sports and games abilities are identified literally standing at the gate of the college in the morning and evening in each academic year. In this way, the department could identify some of very good sports persons.
- For all these activities Deogiri College has been a sought after institution by the students which has given tremendous encouragement to outstanding and talented students.



Category-wise Students Strength

Year	2012 -13			2013 -14			2014 - 15		
	Tot.	PG	UG	Tot.	PG	UG	Tot.	PG	UG
Total	5371	1341	4030	6284	1671	4613	6473	1346	5127
Open	3108	753	2355	3365	850	2515	3541	731	2810
OBC	817	233	584	1133	291	842	1004	224	780
VJNT	123	24	99	161	33	128	134	21	113
ST	72	21	51	102	36	66	96	25	71
SC	774	204	570	927	307	620	1024	222	802
SBC	22	02	20	75	11	64	37	09	28
NT D	111	26	85	130	36	94	149	29	120
NT C	120	36	84	143	44	99	162	33	129
NT B	110	17	93	122	25	97	150	27	123
NT A	73	10	63	69	13	56	111	11	100
Not Rec	17	01	16	16	02	14	20	01	19
BC	01	00	01	01	00	01	01	00	01
VJA	23	14	09	35	19	16	39	10	29
DNT	00	00	00	05	04	01	05	03	02

**Enrolment of minority students in degree classes :**

Year	Total Student	Minority Students					Total	% Minority Students
		Muslim	Shikh	Christan	Buddh	Jain		
1st Year	2242	40	01	01	08	03	53	2.36%
2nd Year	1521	15	02	--	06	06	29	1.90%
3rd Year	1369	18	02	04	06	42	72	5.25%
Total	5132	73	05	05	20	49	294	5.72%

Status of female students:

The strength of female students is fast equaling to that of the males and this shows the priority given by the college to female students and solving their problems to make education more suitable and convenient for them.

Total Female Students

Faculty	Total Students	Female Students	% of Female Students
UG	5132	1858	36.20%
PG	1627	752	46.22%

2.1.6 *Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase/decrease and actions initiated for improvement.*

Programme	Year	Number of Applications	Number of Stud. Admit.	Demand Ratio
B.A.	2010 -11	606	606	1:1
	2011 -12	616	616	1:1
	2012- 13	603	603	1:1
	2013 -14	813	813	1:1
	2014 -15	1017	1017	1:1
B.Com.	2010 -11	1348	1348	1:1
	2011 -12	1494	1494	1:1
	2012- 13	1491	1491	1:1
	2013 -14	1585	1585	1:1
	2014 -15	1791	1791	1:1
B.Sc.	2010 -11	663	663	1:1
	2011 -12	735	735	1:1
	2012- 13	861	861	1:1
	2013 -14	1006	1006	1:1
	2014 -15	1168	1168	1:1



B.C.S	2010 -11	286	286	1:1
	2011 -12	299	299	1:1
	2012- 13	308	308	1:1
	2013 -14	328	328	1:1
	2014 -15	308	308	1:1
B.S.C. I.T.	2010 -11	204	204	1:1
	2011 -12	156	156	1:1
	2012- 13	148	148	1:1
	2013 -14	121	121	1:1
	2014 -15	110	110	1:1
B.C.A. Science	2010 -11	112	112	1:1
	2011 -12	109	109	1:1
	2012- 13	116	116	1:1
	2013 -14	119	119	1:1
	2014 -15	131	131	1:1

Programme	Year	Number of Applications	Number of Stud. Admit.	Demand Ratio
BCA	2010 -11	41	41	1:1
	2011 -12	185	185	1:1
	2012- 13	157	157	1:1
	2013 -14	181	181	1:1
	2014 -15	183	183	1:1
BBA	2010 -11	178	178	1:1
	2011 -12	109	109	1:1
	2012- 13	85	85	1:1
	2013 -14	102	102	1:1
	2014 -15	129	129	1:1
M.A.	2010 -11	506	506	1:1
	2011 -12	504	504	1:1
	2012- 13	508	508	1:1
	2013 -14	588	588	1:1
	2014 -15	586	586	1:1
M.Com	2010 -11	229	229	1:1
	2011 -12	294	294	1:1
	2012- 13	326	326	1:1
	2013 -14	368	368	1:1
	2014 -15	388	388	1:1
M.Sc.	2010 -11	1226	1226	1:1
	2011 -12	817	817	1:1
	2012- 13	858	858	1:1
	2013 -14	1502	1502	1:1
	2014 -15	1627	1627	1:1

**Student Demand Ratio**

Courses	2010-11		2011-12		2012-13		2013-14	
	Reg.	Adm.	Reg.	Adm.	Reg.	Adm.	Reg.	Adm.
B.Sc.Biotechnology	80	58	80	1	100	75	130	77
B.Sc.Bioinformatics	30	20	30	6	40	21	30	15
M.Sc.Biotechnology	40	20	50	30	60	43	80	44
M.Sc.Bioinformatics	10	04	10	03	20	14	12	11
M.Sc.Microbiology	30	11	10	05	50	31	60	36
M.Sc. Chemistry	-	-	-	-	-	-	146	40

Note: Admissions to the BSc, BA, and BCom along with MA , MCom and MSc are on first come first served basis, students are directly admitted by the College, while for MSc Chem, MSc Biotechnology entrance exams are conducted.

Reasons for increase / decrease of demand ratio

- The more / less scope for placement is the reason for the increase / decrease in demand for the UG, PG. Less demand ratio for PG programmes is due to the interest of students and their parents in B.Ed. programme which is the minimum qualification to become a teacher leading to life settlement.
- To cater to the increasing demand, steps are taken to introduce Job Oriented Certificate Courses in various disciplines.
- Counselling for the UG students regarding the availability of diverse job / research opportunities motivates them to take up PG programmes.
- Additional seats are sought from the affiliating University, for the programmes with high demand.

2.2 *Catering to Student Diversity*

2.2.1 *How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?*

Orientation Programme for Freshers:

To give the students the insights into the ethos of the institution, the College organizes orientation programme every year for the fresh entrants. The programme is organized by the senior students in which the Principal explains the vision and mission of the College, rules and regulations with respect to the various academic and co-curricular activities. This campus orientation allows for a free interaction between the students from varied backgrounds. The feedback given by the freshers at the end of the orientation is that they have felt welcomed and secure upon arrival in the College.

The institution nurtures an inclusive academic ambience in the campus by



providing special attention to the needs of the differently-abled students.

Slow Learners	Remedial Classes: Basic concepts in the concerned subjects are the part of syllabus of Remedial Coaching
	Short Term Certificate Course in Spoken English
	Guest Lectures / Specila Bridge Courses
	Psychological Counselling to cater the emotional, academic, and behavioral problems of the learners
	Simplification of concepts are sought for better understanding
Physically Challenged Students	Prompt assistance during and after the admission process
	The Library has the option of e-Books which is very helpful to the students, as they do not have to search for books elsewhere.
	Ramps are provided
	Vehicle and Wheel chair facility
Blind	Hostel facility on priority basis
	Low Vision Software available in the Library
	Braille Machine
	Writer is provided during examination
SC/ST/OBC students	They are also given half an hour extra time in the internal and University examinations.
	The college conducts UGC Sponsored Remedial Classes in respect of SC/ST/OBC/non-creamy layer and academically weak students free of cost. The remedial classes are undertaken with an aim to enable them to crack post-graduate entrance examination being conducted across the country and to reduce dropout rate.
	The college offers financial assistance to such students within its financial limits on priority basis and forwards their cases to the State Social Welfare Department for grant of scholarship/financial support.
Other Efforts for Students	Physically challenged students possessing skills in music, oratory, group discussions are identified and they are made to represent the college in the intercollegiate events. Likewise they perform commendable job for the college.
	Equal Opportunity Centre: The college has streamlined and regularized the activities of the centre. It organizes various programmes to create awareness about equality on various basis like gender, economy, class, etc. It orgnizes various programmes under the title.
	Special attention and guidance is being provided by faculty, incentives are given, awards and felicitation for their achievements, during annual gathering, Republic Day Celebration, Independence Day Celebration and during the Inaugural ceremony of Students Council.
	Teachers are available to the parents of the differently abled students so as to communicate their needs and any others problems related to academics. Further the mentor in charge also guides the parent and the students.
	Government policies like providing scholarships, etc. are followed
	The staff and employees at our Institution are also especially considerate and courteous to extend both academic and personal



	support to this special category of students.
	A Health Center which caters to the wellbeing of the students functions under the supervision of a doctor. Teachers in the Psychology Department offer psychological counselling to the students.
	In order to relieve tension and stress, to increase concentration, focus and attention span of students, the College conducts Yoga Shibir.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

- Each department assigns a Mentor for establishing a profile for every student admitted. The profile details educational attainment at school level, socio-economic background, special talents and personal goals. This practice is an effective tool for the analysis of differential requirements of students. Throughout the study period, the student is under the care and guidance of the assigned mentor. The mentor is responsible for addressing academic, psychological and economic issues.

Details of the different sections of the students identified by the college are as follow:

Sr. No.	Different Sections of Students	Percentage
1	Advanced Learners	65 -70%
2	Slow Learners	25- 30%
3	Economically weaker sections (EBC)	15%
4	Reserved categories	49%
5	Minorities	2.23%
6	Female students	38%
7	Rural students	45%
8	Urban students	55%
9	Differently abled	0.11%

- Through the regular interaction with the students, the assessment of their knowledge and skills is carried out in the classroom during the initial lectures.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

The college attempts to bridge the gap among the students through the following measures:

- Students who come from disadvantaged rural communities face learning difficulties especially due to their lack of communicative skills in ENGLISH.



To overcome this problem, Department of English conducts short term certificate course in English

Business Communication in English: 3 months duration

Certificate Course in Spoken English: 2 months duration

- The college organized Motivational Bridge Course in Mathematical Methods in Physics and Laboratory Practices. It was organized by the Department of Physics, Deogiri College for I and II year B.Sc students in association with Indian Association of Physics Teachers RC-8 during 15th June to 9th July, 2011. It was sponsored by Indian Academy of Sciences (IAS), Bagalore, Indian Science Academy (INSA), New Delhi, National Academy of Sciences, India (NASI), Allahabad.
- The college also offers various add-on courses to generate interest in the subjects they learn in the subsequent semesters, to enrich their knowledge and provide additional qualifications.
- Remedial help is given to slow learners. The following are some of the departments offering remedial coaching:

Sr. No	Name of the department	Key Issues
01	Dept. of Mathematics	Basics of sets, operation on sets mapping, continuity, limits, etc.
02	Dept. of English	Grammar, word power, phonetics, etc
03	Dept. of Bio-sciences	Basics of biotechnology, microbiology
04	Dept. of Commerce	Basic concepts in accounting, taxation, etc.
05	Dept. of Physics	Basic theories in Physics

- Extra coaching classes are conducted for students admitted late.
- Guest lecturers from the industries are invited and their lectures help students to get practical and in-depth knowledge on subject-related areas.
- Industrial visits and field trips are organized for the students.
- Monitoring of students' progress is done through the Mentoring system.
- Individual help is rendered as and when required by respective teachers.



2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Gender Sensitivity :

- Equal opportunities are provided for all eligible individuals to participate in any of the academic / extracurricular, co-curricular activities.
- Women Empowerment Cell of the college takes initiative in conducting various activities on gender sensitive issues and brings women experts to the campus to interact with the girl students.
- Awarded first prize by Higher and Technical Education, State Govt for successful implementation of the women empowerment programme –Jagar Janivancha.
- ‘Shirami’ – a short film, which depicts the plight of women in villages, is directed, written and produced by Mr. Anilkumar Salve, the Head of the Department of Drama, and the students of the Department acted in the film.
- Plays/ dramas, documentary scripts/ screenings followed by discussions on these issues are organized by the Drama department.
- Ms. Sunita Thakre, working as DYSP, is the alumni of our college. She is invited as the Chief Guest of the Alumni Meet. It shows that the Institution is sensitive towards empowerment of women.
- Prominent speakers/ activists invited to address issues pertaining to gender.

Environment :

- The College makes a thorough environmental assessment of the campus and implements healthy ecological practices in water and energy conservation and waste management. The three ‘R’s: Reduce, Reuse, & Recycle form the essence of every eco-friendly practice adopted in the College.
- Students are motivated to keep a clean and litter-free environment in their class rooms and laboratories in particular, and around the campus in general. Dustbins/Litter-bins are kept at strategically located places within the college campus.
- In order to make students conscious about their responsibility towards the environment they are advised to save electricity by switch off the lights and fans while leaving the classrooms and laboratories.
- In support of conservation of nature the college also implements the healthy practices such as, No Vehicle Day on the first working day of every month.
- Environmental Day and World Water Day are also celebrated.



- Rain Water Harvesting Project resulting in saving of 33 million litres of water per year.
- A project of Recycling Water with capacity of 20,000 thousand litre water.
- Weather station is installed in the College.
- One day workshop on Water Management and River Interlinking - 22 March, 2012.
- National conference on Ecostudies /Green studies: perspectives from literature, Life Science and Earth Science -2-3 Feb, 2013.
- Workshop on Status of Threatened Medicinal Plants and Their Conservation - 13 May, 2011.
- The college has integrated Environmental Studies into the curriculum to create among students an awareness of environmental concepts and issues both as members of a college community and as responsible citizens.

Inclusivity :

- Value added education lectures are arranged for all the college students, through which they are sensitized on various issues such as the importance of education for the weaker sections and combating social evils. They are motivated to acquire an inclusive attitude towards one and all. The twin values of equality and brotherhood are inculcated in them.
- Through various capacity-building strategies students are involved in issues affecting society. NCC and NSS students are sensitized about these issues during the camps.
- With over 5000 average enrolments per year and above 200 staff members, we have a significant diversity in student and staff community across varied religious and ethnic backgrounds. By bringing in dedicated student cells and cultural programmes, we promote awareness and appreciation of cultural diversity among our students and staff.
- Celebration of Birth Anniversaries of eminent personalities such as Shivaji Maharaj, Swami Vivekananda, Savitribai Phule, Dr. Sarvapalli Radhakrishnan, Ramanujam, Dr.B.R.Ambedkar etc., also motivates the students and staff communities to imbibe the great qualities of these eminent personalities which in itself would help in sensitizing and creation of awareness of harmonic co-existence.
- Phule – Shahu – Ambedkar Lecture Series is one of the prestigious activities of the college to inculcate human values. The aim of the series is to provide a platform for the expression on thoughts and works of Mahatma Phule, Rajashri Shahu and Dr. B.R. Ambedkar and their relevance in today's world.



2.2.5 How does the institution identify and respond to special educational/ learning needs of advanced learners?

Advanced learners are identified by their academic track record, their performance in the class tests and their interactions in the class room discussions. Post identification, the following initiatives are taken up in order to engage and advance their knowledge and skills:

Advanced Learners	Efforts taken
	<ul style="list-style-type: none">• BSR (Basic Scientific Research) Projects for Final Year students on merit basis (No. of Projects completed by the students :120)
	<ul style="list-style-type: none">• Campus Interviews by Placement Cell
	<ul style="list-style-type: none">• Apex Career Academy - Free coaching for competitive examinations
	<ul style="list-style-type: none">• Promote for competitions organized at different places
	<ul style="list-style-type: none">• Provide the additional training aids such as additional library books and extended hour in the laboratories and also provide special coaching.
	<ul style="list-style-type: none">• Special attention and guidance is being provided by faculty
	<ul style="list-style-type: none">• Opportunities are given to work as a member in various cells and committees
	<ul style="list-style-type: none">• Display of their photographs in the College Magazine/ College Prospetus/ College Website so as to motivate them to sustain their level and also to motivate the other students to take example of these students.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of dropout (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

- The college keeps records of attendance of the students in the form of attendance sheet and assesses the academic performance of the students through internal examinations, assignments and projects.
- The concerned teacher and mentor evaluate performance of the students.
- The College also has an active attendance monitoring system which is analyzed and reviewed regularly. Trends of absenteeism are picked out, thus also identifying potential dropouts in the process.
- The dropout rate of the college is very less due to the following initiatives:
- The identified students and their parents/guardians are counseled and approached to ascertain the reasons causing absenteeism and poor academic performance



- Students are individually called for discussion with mentor to solve academic difficulties.
- The College offers various subject combinations so as to accommodate choices which meet students' likes and preferences. This has helped to evade the problem of fall in attendance, failure in exams, and general irregularities
- In case of any economic problems faced by the students necessary financial aid is provided such as fee waiving, delayed fee payment options to the student.

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blueprint, etc.)

Academic calendar:

The Academic Calendar is prepared prior to the commencement of the academic year, specifying available dates for significant activities to ensure proper teaching-learning transaction and continuous evaluation.

The Internal Quality Assurance Cell plans for next year's activities, in consultation with the Principal and Local Governing Council of the College.

Composition of committee	<ul style="list-style-type: none">• The college has nominated a committee for preparing the Academic Calendar. The committee includes members from planning forum IQAC, Administration and students' representative.
Factors considered for preparing Academic Calendar	<ul style="list-style-type: none">• Academic Calendar of Dr. B. A.M. University• Public Holidays• National and Religious Festivals• Schedule of examinations
Contents of Calendar	<ul style="list-style-type: none">• Period for admission process• Course commencement Dates• Closing dates• Schedule of Internal Exams for all courses• Schedule of University Examinations• The dates of significant co-curricular and extracurricular activities• Annual Day• Dates of academic and administrative bodies' meeting• Celebration of important days• NSS/NCC Camps



The college follows academic calendar of events (course-wise and subject wise for UG and PG courses) based on requirement, feedback and academic planning. All the teachers are provided an academic diary in which the academic calendar is printed.

- **Teaching Plan:** The departmental meetings are held at the commencement of the academic year to assign workload to individual teachers. The syllabi of the different years/classes are discussed in detail. After that each teacher prepares the month/week wise teaching plan for the academic year. All the teachers scrupulously stick to the teaching plan in the completion of the syllabus, much before the commencement of the examination.

The teaching plan is prepared giving due consideration to the following factors:

- The total quantum of the syllabus to be taught
- Workable distribution of the total syllabus into convenient teaching units
- Equitable proportion of teaching units and teaching dates
- Availability of required teaching aids
- Schedule of internal as well as external evaluation, vis a vis teaching units to be covered

Dates of Academic and personal duties

- The teaching plan is submitted to the office in triplicate as well as entered in the diary provided to the teachers.

Academic Diary:

- The teachers have to maintain the Academic Diary wherein period-wise academic delivery has to be mentioned. It is monitored by the Head of Department and the Principal

Evaluation Blue Print:

- Question papers and practical examination patterns and scheme of marking are explained to the students in the beginning of the academic year.
- The examination time-table as per the schedule fixed by the University is displayed more than a month in advance on the notice boards for the information of the students. The university also displays links on its website in advance.
- The examinations are conducted as per the schedule and the centralized evaluation of the answer papers is organized by university.
- After examinations, a process of assessment for the first year students is scheduled with internal teachers, while the S. Y. and T.Y. papers go through the assessment process as per university central assessment programme.



- Students also have recourse to reevaluate their answer papers which is handled by an external examiner in the form of redressal at university level.
- Evaluation of tutorials, and unit tests and papers of internal examination is done immediately after the submission of papers.
- Marks of tutorials, unit tests and internal examination are considered for judging the performance of student throughout the year.

2.3.2 How does IQAC contribute to improve the teaching-learning process?

To achieve the goals and objectives of the college, the IQAC plays an important role in the quality enhancement in the teaching-learning process.

- The IQAC holds meetings in which activities relating to the academic development of the students such as regular lectures, guest lectures, seminars, workshops, cocurricular activities, and study tours are planned. This information is then shared with all the HODs as well as faculty members for effective implementation.
- The IQAC analyzes the feedback obtained from the students on faculty, curriculum, infrastructure etc. and suggests suitable steps for improvement.
- It also encourages teachers to participate in Seminars, workshops, conferences which broadens the knowledge horizon of the teachers and helps them in keeping abreast with the recent developments in their respective subjects.
- The IQAC works in close coordination with the Academic Council and all the committees of the college to ensure effective implementation of the activities planned.

IQAC provides the development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution. Some of these with reference to the Teaching- Learning process are as follows:

Extensive use of ICT in Teaching-Learning process
Integration of field-based learning along with classroom learning
Integration of Research with teaching
Monitoring adequate balance between curricular & extra-curricular activities
Enrichment of Classroom teaching with invited lectures from Academia & Industry
Helping departments in setting goals & objectives
Ensuring systematic delivery of Teaching plans
Suggestions on refining faculty teaching plans
Promotion of Industry interface with faculty & students
Effective use of the inputs from the feedback System to enhance Teaching-learning process



2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

Support Structures:

- The College provides Wi-Fi Campus, English Language Lab, computer labs, ICT oriented class rooms, adequate collection of Reference Books, resources like enhancing digital data base, e-journal subscription, INFLIBNET, etc. to reduce the hurdles of efficient learning.
- The management encourages teachers to organize and attend Faculty Development Programs, Workshops, and Conferences which broadens their knowledge horizon and encourages them to adopt innovative teaching methods.
- Regular training sessions for staff regarding ICT enabled teaching-learning methodologies. (Please refer to 6.2.3)
- The institution believes in exploiting and exploring the ICT concepts and has therefore provided sufficient computers to the faculties with internet facility. The faculty during their non-teaching hours extensively uses the internet facility to further acquire superior skills in interactive and collaborative learning
- Research facilities with well equipped laboratories are available for independent and collaborative research
- The library forms an important support structure for all academic programmes and related research activities of the College. The library has extensive holdings of resource materials in both print and digital format and a number of services offered to all users.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

To nurture critical thinking, creativity and scientific temper among the students, various learning methods like, debates, quiz programmes, essay competitions, group discussions, seminars, symposia, project works, field surveys, posters presentation, model making, institutional training and practical exercises are conducted from time to time. ICT components such as e-learning and e-assignments are also followed.

Critical Thinking	<ul style="list-style-type: none">● Projects● Study Tours● Industrial visits● Rural exposure camps
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	<ul style="list-style-type: none">• NSS/NCC Camps• Paper presentation/ case study• Lecture Series• Social Survey• Workshops/ Seminars / Conferences• Certificate Courses
Creativity	<ul style="list-style-type: none">• Annual Day Celebration• Teacher's Day Celebration• Poetry Recitation/ Elocution/ Debate Competitions• Literary Associations Activities• Drama/Music Club• College Magazine – <i>Deogiriyn</i>• Film festival
Scientific Temper	<ul style="list-style-type: none">• Science Project Exhibition• Jagar Janivancha• Science Forum Activities• Science Day Celebration• Environmental awareness activities• Guest lectures by eminent scientists• Demonstration of exhibition of science experiments to school students by college students

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning-resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The institution has augmented IT infrastructure on par with latest technological development.

- ICT oriented class rooms.
- The campus is connected through Wi-Fi, LAN network and high speed internet is made available to all the teachers and students.
- Smart boards like K-YAN available in the Department of Botany, Zoology, Maths and Computer Science
- Portable scanners available in every dept.
- Being a member of UGC-approved INFLIBNET N-LIST Programme, the faculty can access a wide range of e- journals (6000) and e- books (1,13,324)
- Well equipped English Language Lab (25 console of ORELL)
- Well furnished 11 Computer Laboratories
- Separate Digital and Microprocessor Lab
- Software Development Lab
- Seminar hall with ICT facilities



- Library and also individual departments maintain educational CDs, DVDs, etc for use in teaching-learning
- Central Research Lab

2.3.6 How are the students and faculty members exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

Initiatives for Teachers:

The College organizes a number of seminars, conferences, workshops for the teachers to enable them to keep abreast of recent developments. A list of the same is as follows:

Sr. No	Department	Workshops/seminars/conferences Organized	Date
1.	Psychology	UGC sponsored National conference on “Recent trends in psychological research and methodology – planning, process and publication”	27-28, Nov, 2013
2.	Hindi	National level conference on “Ekkisavi sadi men Hindi Sahitya: Stithi evm Sambhavnayen”	18-19Feb, 2012
3.	Zoology	UGC sponsored National conference on “Ecostudies/Greenstudies: perspectives from literature, Life Science and Earth science”	2-3 Feb, 2013
		One week workshop on “Intensive Innovative Professional Development Programme in Zoology”	15-20 June, 2013
		Organized One Day Staff Professional Development Programme On Promotion To Research In Zoology	7 Sept,2014
4.	Chemistry	UGC sponsored National Conference on “Recent Tools in Analysis”	26-27 Aug, 2011
5.	Physics	UGC sponsored National seminar on “ Innovative teaching methods in Physics”	30-31, Aug, 2013
6.	Library	UGC sponsored one day National conference on “Mahiti Sampresion Tantradnyanacha Granthalayawar Zalela Parinam”	1 Aug, 2010
		UGC sponsored two day national conference on “Research libraries: Need of the time”	13-14 Oct, 2012
		“Impact of Information Communication Technology on College Libraries”	1/8/2010
		Workshop: Title: “Role and Responcibilities of Librarians and Library Staff”	13 Oct. 2012
7.	Microbiology	UGC sponsored National seminar on	24 Sept, 2013



		“Microbiology: Applications and prospectus”	
8.	Biotechnology	UGC CSIR sponsored National seminar on “Applied aspect of life sciences for the welfare of mankind”	14-15 Jan, 2011
9.	History	UGC sponsored National conference on “Contemporary relevance condition thought and action.”	26-27 Sept, 2012
		National conference on “Mahatma Gandhi ani tyanche gramin vichar”	27-28 April, 2013
10.	Geology	National workshop on “Nanotechnology”	3 April, 2010
		One day workshop cum seminar on “Water management and river interlinking”	22 March, 2012
11.	Envi. Science	UGC sponsored National seminar on “Environmental pollution and its remedies”	24-25 Sept, 2011
12.	Botany	RGSTC sponsored one workshop on Status of threatened medicinal plants and their conservation	27 March 2012
		Organized one day staff professional development programme on promotion to research in Botany	7 Sept, 2014
13.	English	NAAC Sponsored National Level Seminar on Co-operative Endeavour for Quality Enhancement: Exploration of Brighter Possibilities During the Reaccreditation Period	20-21 September, 2011
		One Day Workshop on Novel Ways of Teaching English Literature & Language to the Contemporary Students	19th September, 2010
		State Level Seminar on Science Fiction & its Prospect	12th April, 2011
		Regional workshop on “Approaches to Literature”	5th August, 2012
		One day regional seminar on “Research and Research Methodology in Languages, Social Sciences & Commerce”	One day - 23rd December, 2012
		Regional workshop on “Revised Syllabus in English at UG/PG Level”	17th August, 2013
		Regional workshop on “Revised Syllabus of English at PG Level”	2nd Jan, 2015
		English Literary Association	6th Sept, 2013
English Literary Association	26th August, 2014		
14	College	Organized one day staff professional development programme on ‘Role of Vice-Principal in Administration’	7 Sept, 2014

**Initiatives for Students:**

- The college strives to scale up classroom learning by conducting seminars, workshops, organizing guest lectures by experts, taking students to field visits and encouraging other out-of- classroom experiences. These have had positive outcomes in terms of introducing students to contemporary developments in their disciplines, opening up new avenues for research and encouraging exchange of ideas.
- Students are encouraged to carry out research projects on current topics. The college provides financial assistance to students for the projects. Some of the projects completed by the students are as follows:

- **Department of Zoology**

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	Study of Ants Located in Aurangabad City	Miss. Supriya Shedje	Dr. A. B. Pardeshi
2.	Study of Nematode from Aurangabad City Area	Miss Anamika Sarkar	Dr. A. B. Pardeshi
3	Microscopic Study of Hairs in Relation with Diameter and Medullary Pattern of some Animals	Mr. Sushil Lambud	Dr. A. B. Pardeshi
4	Larvicidal Effect of Euphorbia tirucally against the Mosquito, Culex quinauefasciatus	Mr. Amol Bhadke	Dr. A. B. Pardeshi
5	DNA, RNA content in the Tissue of Snails	Miss Priti Rajput	Dr. M. N. Nagawanshi
6	Study of Spider from Aurangabad City	Mr. Aniket Karpe	Dr. M. N. Nagawanshi
7	Study of some Endo-phytic Fungal Extracts for Insecticidal Activity against Sitophilus oryzae	Mr. Satish Sonune	Dr. A. B. Pardeshi
8	Larvicidal Activity of Aspergillus Extracts for Insecticidal Activity against Sitophilus oryzae	Miss Preeti Sonkamble	Dr. A. B. Pardeshi
9	Study of Intestinal Nematode Parasites from Cockroach, Periplaneta Americana	Ms. Manashree Rane	Dr. M. N. Nagawanshi
10	Study on Cestode Parasites from Freshwater Fishes	Miss Supriya Gaikwad	Dr. A. B. Pardeshi
11	Study of some Ecological Aspect of Salim Ali Lake	Miss Minal Gore	Dr. M. N. Nagawanshi
12	Study of Some Ecological Aspect of Harsool Lake	Miss Sitabai Aaglave	Dr. M. N. Nagawanshi

**Department of Analytical Chemistry**

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	Aanalysis of various Soft Drinks	Mr. Bindesh Barai	Dr.C.S. Patil
2	Analysis of Milk in various brands	Mr. Pandurang Kale	Dr. S. R. Bembalkar
3	Analysis of Mineral Water in various brands	Mr. Manish Chavan	Dr. M.V. Katariya
4	Analysis of Antacid Tablets	Miss Ketaki Shastri	Dr.C.S. Patil
5	Analysis of Milk sample in Aurangabad City	Mr. Pratap Thombre	Dr. S.R. Bembalkar
6	Determination of Serum Content	Miss Varsha Shinde	Dr. M.V. Katariya
7	Aanalysis of various Soft Drinks	Mr. Pravin Aher	Dr.C.S. Patil
8	Analysis of Milk in various brands	Mr. Ajinkya Anwikar	Dr. S. R. Bembalkar
9	Analysis of Mineral Water in various brands	Mr. Ganesh Jadhav	Dr. M.V. Katariya
10	Analysis of Antacid Tablets	Mr. Sandeep Dodke	Dr.C.S. Patil
11	Analysis of Milk sample in Aurangabad City	Miss Pratika Meghanand	Dr. S.R. Bembalkar
12	Determination of Serum Content	Mr. Harshad Waghmare	Dr. M.V. Katariya

Department of Chemistry

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	Analysis of Drugs to Determine Constituents	Mr. Dinesh Dolase	Dr. S. B. Ubale
2.	Analysis of Drugs to Determine Constituents	Mr. Akash Gursul	Dr. S. B. Ubale
3	Synthesis of Bioactive Heterocyclic Compounds	Mr. Yogesh Bhadve	Dr. R. D. Ingle
4	Synthesis of Bioactive Heterocyclic Compounds	Mr. Kisan Gore	Dr. R. D. Ingle
5	Synthesis of Some Heterocyclic Compounds	Miss Pallavi Gadhe	Mr. S. U. Deshmukh
6	Synthesis of Some Heterocyclic Compounds	Mr. Nitin Gore	Mr. S. U. Deshmukh
7	Analysis of Tea Powder	Mr. Nitin Avchar	Dr. S. B. Ubale
8	Analysis of Tea Powder	Mr. Dinesh Pawar	Dr. S. B. Ubale
9	Synthesis of Tetra substituted imidazoles	Miss Rutuja Sarnaik	Dr. R.D. Ingle
10	Synthesis of Tetra substituted imidazoles	Miss Archana Chungude	Dr. R.D. Ingle
11	Synthesis of 1-oxahexahydroxanthene Derivatives	Mr. Ravindra Bankar	Mr. S. U. Deshmukh
12	Synthesis of 1-oxahexahydroxanthene Derivatives	Mr. Kishor Thete	Mr. S. U. Deshmukh

**Department of Electronics**

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	Microcontroller Based Stepper Motor Control	Mr. Ravindra Pingle	Dr. S. N. Helambe
2	Microcontroller based Calculator	Mr. Avinash Shejwal	Dr. S. N. Helambe
3	Microcontroller based Multiple Alarm System	Mr. Shrikant Gadekar	Dr. S. N. Helambe
4	Microcontroller based Signal Generator	Miss Archana Mate	Dr. S. N. Helambe
5	Microcontroller based Temperature Control System	Miss Sonal Tapkire	Dr. S. N. Helambe
6	Microcontroller based Data Acquisition System	Mr. Vikas Borhade	Dr. S. N. Helambe
7	Solar Tracker System	Mr. Sandeep Somwanshi	Dr. S. N. Helambe
8	Fastest Finger First	Miss Renuka Borade	Dr. S. N. Helambe
9	Line Following Robot	Mr. Nitin Chopde	Dr. S. N. Helambe
10	Visitor Counter	Miss Bharati Borade	Dr. S. N. Helambe
11	Automated Railway Gate	Mr. Keshav Dannak	Dr. S. N. Helambe
12	Traffic Signal	Mr. Dhananjay Bhakkand	Dr. S. N. Helambe

Department of Physics

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	OP- Amp as Adder Summing Amplifier- Trainer Kit	Mr. S.B. Shejul	Dr. S.V. Chandole
2	Microcontroller based half and full Binary Subtractor	Mr. S.S. Dahihande	Dr. S.V. Chandole
3	Variable Regulated Power Supply	Mr. S.S. Sonwane	Dr. M. N. Sarnaik
4	Phase Difference in RLC Circuit	Mr. S.S. Gawali	Dr. M. N. Sarnaik
5	Regulated Power Supply	Miss S.V. Kodgire	Dr. V. S. Rajenimbalkar
6	Solar Panel	Miss J. S. Gadekar	Dr. V. S. Rajenimbalkar
7	Solid State Model for Crystal Structure	Miss A. D. Deshmukh	Dr. S.K. Vyawahare
8	Water Level Controller	Miss S.D. Waghchaure	Dr. V. S. Rajenimbalkar
9	Potential Energy Curve of Co Molecule	Miss S. S. Gadekar	Dr. S.V. Deshmukh
10	To Construct Digital Thermometer	Miss J. B. Zanwar	Dr. M. N. Sarnaik
11	Preparation of Crystal Sample (composite) and Determination of its Crystal Type (X- ray tech)	Miss M. A. Khandagale	Dr. S.K. Vyawahare
12	Potential Energy Curve of I2 Molecule	Miss P. A. Pawar	Dr. S.V. Deshmukh

**Department of Physics (Instrumentation Practice)**

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	Obstacle Avoider	Mr. K. S. Deore	Mr. P. M. Kshirsagar
2	Light Controlled Car	Mr. S. U. Satpute	Mr. P. M. Kshirsagar
3	Variable Power Supply (1.2-30 V)	Miss N. S. Mulay	Mr. P. M. Kshirsagar
4	Welcome LED Display	Mr. P.R. Dilod	Mr. P. M. Kshirsagar
5	Half and Full Trainer Kit	Mr. S.A. Sable	Mr. P. M. Kshirsagar
6	Half and Full Trainer Kit	Mr. V.s. Kale	Mr. P. M. Kshirsagar
7	Heat Affected Buzzer	Miss. A.A. Bansode	Mr. P. M. Kshirsagar
8	Temperature Controlled Fan	Mr. A. S. Deshmukh	Mr. P. M. Kshirsagar
9	Heat Sensor with Fan Cooling	Mr. Y.S. Sawade	Mr. P. M. Kshirsagar
10	Electronic Eye	Miss. S.K. Gavhale	Mr. P. M. Kshirsagar
11	Device Control Cell Phone	Mr. S.D. Dhumal	Mr. P. M. Kshirsagar
12	Construction of Digital Ammeter and Voltmeter	Mr. D.T. Sonawane	Mr. P. M. Kshirsagar

Department of Botany

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	Histological Studies of some Medicinal Plants	Mr. Amol Gadekar	Dr. R.P. Patil
2	Histological Studies of some Medicinal Plants	Mr. Deepak Pawal	Dr. R.P. Patil
3	Organic Acid Estimation of Dueteromycetes of Fungi	Mr. Gajanan Khomne	Dr. S.K. Rajurkar
4	Organic Acid Estimation of Dueteromycetes of Fungi	Miss Smita Avhad	Dr. S.K. Rajurkar
5	Comparative Study of Rhizosphere Fungi from BT and non BT Cotton with Organic Acid Production	Miss Rutuja Misal	Dr. A.S. Taware
6	Comparative Study of Rhizosphere Fungi from BT and non BT Cotton with Organic Acid Production	Mr. Pavan Dayal	Dr. A.S. Taware
7	Screening of Secondary	Miss Anamika	Dr. A.S. Taware



	Metabolites from Endophytic Fungi	Srivastava	
8	Screening of Secondary Metabolites from Endophytic Fungi	Miss Madhuri Sharma	Dr. A.S. Taware
9	Screening for Organic Acid from some Aeromycoflora	Miss Dhanshree Anandgaonkar	Dr. S.K. Rajurkar
10	Screening for Organic Acid from some Aeromycoflora	Miss Ketki Athale	Dr. S.K. Rajurkar
11	Synthesis of Silver Nano particles from some Plants	Miss Bhagyshree Nande	Dr. Ravi Patil
12	Synthesis of Silver Nano particles from some Plants	Miss Pooja Shete	Dr. Ravi Patil

- **Department of Environmental Science**

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	Sound Pollution Studies at Selected Localities in Aurangabad	Miss Komal Pandhare	Dr. M. N. Naik
2	Noise Pollution in Various Localities in Aurangabad	Miss Deepali Thote	Dr. M. N. Naik
3	Study of Noise Pollution in MIDC Industrial Area of Aurangabad	Miss Jasvinder Kaur Bindra	Dr. M. N. Naik
4	Noise Pollution	Miss Sonu Narwade	Dr. A.S. Mane
5	Safety in Chemical Plant	Mr. Dhananjay Bhalerao	Dr. A.S. Mane
6	Physico-Chemical Analysis of Underground Water	Mr. Hanunman Kayande	Dr. A.S. Mane

- **Department of Geology:**

Sr. No.	Title of the Project	Name of the Student	Name of the Guide
1	Preparation of Litholog with the help of Geohydrological and Well Inventory Survey and Selection of Artificial Recharge sites in Chincholi Village Dist. Aurangabad	Mr. Mayur Kille	Dr. Ashok Tejankar
2	Preparation of Litholog with the help of Geohydrological and Well Inventory Survey and Selection of Artificial Recharge sites in Pachod Village Dist. Aurangabad	Mr. Kunal Chhapre	Dr. Ashok Tejankar
3	Preparation of Litholog with the help of Geohydrological and Well Inventory Survey and Selection of Artificial	Mr. Mahesh Phalke	Dr. Ashok Tejankar



	Recharge sites in Ekod Village Dist. Aurangabad		
4	Groundwater Contamination – a Study of Shendra MIDC Village Kumbhephal Dist. Aurangabad	Miss Kalyani Jaibahar	Dr. Ashok Tejankar
5	Groundwater Contamination – a Study of Shendra MIDC Village Kumbhephal Dist. Aurangabad	Miss Sneha Shelar	Dr. Ashok Tejankar
6	Hydrogeological and Quality Investigation of Rainwater Harvesting in response of Beed Bypass Area , Aurangabad	Miss Sapna Ghag	Dr. Ashok Tejankar

2.3.7 Detail (process and the number of students\ benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/ mentoring/ academic advise) provided to students?

Sr. No.	Name of the Service	Number of Students benefitted
1	Student Mentor System	2137
2	Placement Cell	450
3	Career Guidance Cell	155
4	Dept. of Psychology	1290
5	Women Empowerment Cell	460
6.	Home Science	211
7	BSR Projects	120
8	Health Check-up	365
9	Yoga	1440

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

Innovative Teaching Method/ Approach/ Practice	Impact
Humanities	
Use of advanced software for teaching English	<ul style="list-style-type: none"> Fast and easy learning Accuracy in pronunciation
Social survey and visits to prison, aged house, orphanage, etc.	<ul style="list-style-type: none"> Cultivates socio-economic and cultural understanding
Collaborative projects with NGO	<ul style="list-style-type: none"> Ability to apply social work concepts in the field
Literary film festival	<ul style="list-style-type: none"> Exposure to central thematic concerns of literature related movies Sensitization towards human emotions Understanding of transformation of texts into films



Projects	<ul style="list-style-type: none"> • Ability to think beyond the prescribed curriculum
Class seminars	<ul style="list-style-type: none"> • Communication skills, self-confidence
Science	
Exhibition	<ul style="list-style-type: none"> • Creative science learning
Projects	<ul style="list-style-type: none"> • Practical application of Science principles
Lab to field	<ul style="list-style-type: none"> • Applied learning and first-hand experience in applying science in day to day life
Eco-friendly initiatives	<ul style="list-style-type: none"> • Create environmental awareness
Commerce	
Industry visits	<ul style="list-style-type: none"> • Application oriented learning
Case study	<ul style="list-style-type: none"> • Analytical thinking, problem solving
Group projects and presentations	<ul style="list-style-type: none"> • Team building

2.3.9 How are library resources used to augment the teaching- learning process?

- The library is rich with 106266 books, and 1800 journals and periodicals for ready references. The library has 2 spacious reading halls which are rallying centers for talented and hard-working students.
- To augment the teaching- learning process, the college library has following facilities:

<ul style="list-style-type: none"> • More than 70,000 data feeding in ETH Library Software.
<ul style="list-style-type: none"> • More than 1,13,000 e-books are available in the library
<ul style="list-style-type: none"> • E-books and other e-resources are uploaded on College website
<ul style="list-style-type: none"> • 1100 CD's .
<ul style="list-style-type: none"> • Digital Library
<ul style="list-style-type: none"> • Wi-Fi connectivity
<ul style="list-style-type: none"> • Reprography facility
<ul style="list-style-type: none"> • Best Reader Award for students
<ul style="list-style-type: none"> • Continuous upgradation of new books
<ul style="list-style-type: none"> • Provision of Book Bank facility
<ul style="list-style-type: none"> • Book Exhibition
<ul style="list-style-type: none"> • Display of new arrivals
<ul style="list-style-type: none"> • More than 6000 e-Journals are available of following publication.
<ul style="list-style-type: none"> • American Institute of Physics
<ul style="list-style-type: none"> • American Physical Society.
<ul style="list-style-type: none"> • Annual Review.
<ul style="list-style-type: none"> • Cambridge University Press.
<ul style="list-style-type: none"> • Institute of Physics.
<ul style="list-style-type: none"> • Royal Society of Chemistry.
<ul style="list-style-type: none"> • Oxford University Press.
<ul style="list-style-type: none"> • Economics & Political Weekly



- | |
|--|
| <ul style="list-style-type: none">• Indian Journals. |
| <ul style="list-style-type: none">• JSTOR. |

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

- The challenge of completing the curriculum within the planned time frame and calendar is not very severe. However, due to unforeseen and unavoidable situations like National/State elections, strikes, unscheduled extracurricular activities, delays in the University schedule in the commencement of terms/semesters, there may be a problem in completing the syllabus within the stipulated time period. These lost working days are made up by conducting extra classes weekdays and/or Sundays.
- Unavailability of existing faculty in the case of emergencies like study leave, sick leaves, hospitalization, the curriculum remains unfinished at certain points of time; such unfinished workload is assigned to substitute part-time faculty.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

- The college implements the self-appraisal mechanism for evaluating the faculty performance on the dimensions of teaching, research, consultancy and administrative work at the end of the academic year. The self-appraisal is analyzed by the concerned Head of the Department and the Principal.
- The principal discusses personally the performance of each teacher, appreciates good work and gives necessary advice and guidance for improved performance.
- The academic performance of the students in internal and University examination is a vital indicator of the quality of teaching and learning. The results of various tests and examinations are analyzed; the findings of such analysis are used to strengthen the teaching-learning process further.
- Feedbacks are obtained from the students on teaching methodology of faculty members. The data is collected and then analyzed by the Internal Quality Assurance Cell. After that, the IQAC has counseling sessions with individual faculty members if and where improvement is needed. Faculties with good feedback are appreciated. Suggestions obtained from students are shared with the teachers. This helps the teachers to introspect and improve their teaching skills.



2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

The procedure of the recruitment of the teachers is done strictly on the basis of the guidelines laid down by UGC (University Grants Commission), Government of Maharashtra and University.

The entire procedure in brief, is as follows

1. The college submits subject-wise workload on the basis of subject-wise strength of the students along with the list of existing staff to the Joint Director of Higher Education.
2. The Joint Director scrutinizes the workload as per the government norms and sanctions the posts to be filled.
3. The number of vacant posts is conveyed to the special cell of the university
4. The university fixes subject- wise reservation and allows the publication of the advertisement.
5. After the publication of the advertisement a selection committee consisting of university nominee, subject experts, a government representative and experts nominated by management, is formed to interview and select the eligible and meritorious candidates.
6. The candidates are selected by oral interviews and if required, through demonstration lectures.

In order to maintain high benchmark of teaching adhering to the set norms, teachers with excellent academic record and zeal for hard work are recruited. During service teachers are encouraged to maintain high academic level by granting opportunities for reference reading, research work and extension activities.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
Ph.D.	03	--	15	09	22	13	62
M.Phil.	01			01	03	01	06
PG							62
Temporary teachers							
Ph.D.					10	06	16
M.Phil.							
PG					58	77	135



The College has faculty strength of approximately 61 full-time teachers, besides some visiting faculties, contributory and faculties on fix pay, C.H.B. Generally most of the sanctioned staff posts are filled in and we have an experienced and competent teaching faculty. The following is a brief profile of the faculty for various departments.

Aided Departments :

Sr. No.	Departments	Total sanctioned faculty	No. of Ph.Ds	No. of M. Phil	No. of NET/SET	Total filled in posts	Vacant posts
1	Botany	03	03	--	-	03	--
2	Chemistry	17	07	--	01	08	09
3	Electronics	03	02	--	--	03	--
4	Environmental Sci.	02	01	--	--	02	--
5	Geology	02	02	--	01	02	01
6	Maths	02	01	--	01	02	--
7	Microbiology	03	02	--	--	03	--
8	Physics	06	05	--	--	06	--
9	Zoology	04	03	--	--	03	01
10	English	06	04	01	01	06	--
11	Marathi	02	02		--	02	--
12	Hindi	03	03		--	03	
13	History	01		01	01	01	
14	Economics	01			--	01	
15	Political Sci	02	02		--	02	
16	Public Adm.	01		01	01	01	
17	Psychology	04	04		02	04	
18	Sociology	02	01	01	01	02	
19	Physical Educ.	01	01	--	--	01	
20	Commerce	08	03	01	04	06	02
21	Library Sci	01			01	01	--
	Total	74	46	05	14	62	13

Non Aided Departments: (Under Graduate)

Sr. No.	Departments	Total sanctioned faculty	No. of Ph.Ds	No. of M. Phil	No. of NET/SET	Total filled in posts	Vacant posts
1	Computer Sci & IT	30	--	--	--	30	--
2	Biotechnology	10	01	01	02	10	--
3	Management						
4	DBM	01	--	01	01 MBA	01	--
5	Drama	02	--	--	01	02	--
6	Music	03	--	--	--	03	--
7	Home Science	02	--	--	--	02	--
	Total	48	01	02	04	48	--

**Non Aided Departments: (Post Graduate):**

Sr. No.	Departments	Total sanctioned faculty	No. of Ph.Ds	No. of M. Phil	No. of NET/SET	Total filled in posts	Vacant posts
1	MA English	02	--	01	01	02	--
2	MA Hindi	02	02		01	02	--
3	MA Marathi	02	02	01	--	02	--
4	MA Sociology	02	--	01	01	02	--
5	MA History	02	02	--	--	02	--
6	MA Psychology	02	01	01	--	02	--
7	MA Political Science	02		02	02	02	--
8	MSc Botany	02	--	--	--	02	--
9	MSc Computer Science	04	--	--	--	04	--
10	MSc Analy. Chemistry	02	01	--	--	01	01
11	MSc Org Chemistry	02	--	--	01	01	01
12	MSc Physics	04	01	--	--	04	--
13	MSc Electronics	04	--	--	--	04	--
14	MSc IT	04	--	--	--	04	--
15	MSc Bioinformatics	04	--	--	02	04	--
16	MSc Biotechnology	04	--	--	04	04	--
17	MSc EVS	02	--	--	--	02	--
18	MSc Zoology	02	01	--	--	02	--
19	MSc Mathematics	02	--	--	--	02	--
20	MSc Microbiology	03	01	--	02	03	--
21	MSc Geology	02	--	--	01	02	--
22	MCom	02	--	02	01	02	--

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

Need of qualified faculty to teach new programmes is identified by the Principal in consultation with the HODs and the IQAC.

- Efforts are made to attract faculty applicants with required academic credentials in emerging areas, by advertising in leading Newspapers.
- In addition, existing faculty members are trained in-house or sent for training outside to acquire knowledge and skills to teach disciplines in emerging subjects.
- Subject experts from industry and academia are also invited on a part-time/short-term basis. The library, laboratory and infrastructural resources are augmented and enriched.
- During the last 3 years, some of these efforts were put to use in strengthening faculty resources in new programmes like Multimedia and Animation, Jewellery Designing and Gemology, M.Sc. Mathematics, Bio-technology, Bio-Informatics, Business Management, IT, etc. Due to these initiatives the Institution has been able to effectively retain top talent in the emerging areas mentioned above.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

Staff Development Programmes:

(a) Nomination to staff development programmes last four years:

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	20
HRD programmes	
Orientation programmes	34
Staff training conducted by the university	03
Staff training conducted by other institutions	20
Summer / winter schools, workshops, etc.	40

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

Faculty Training Programmes	Number of Training Programmes Organized
Teaching learning methods/approaches	16
Handling new curriculum	06
Content/knowledge management	06
Selection, development and use of enrichment materials	05
Research Methodology	13
Intensive Innovative Professional Development Programme	02

c) Percentage of faculty

Particulars	Percentage of Faculty
Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies (include CA)	65%
Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	95%
Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	90%

2.4.4 What policies/ systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The College strives to provide a series of facilities and support measures to motivate faculty members, some of them are:

- Identify academic and career progression needs of the faculty.
- Systematic assessment of faculty, teaching commitments and his/her expected involvement in administration, continuing education, network activities, etc. to be carried out.
- To make the faculty aware of the latest technology and research methodologies to impart better training to students.
- Encourage and support faculty for obtaining higher qualifications such as M.Phil, Ph.D, Post-Doctorate.
- Financial assistance to the faculty for publishing quality papers in journals of high repute.
- To depute faculty to pursue higher studies within same or different organization.
- Provide financial assistance to faculty for paper presentations at various conferences, seminars and workshops at national and international level.
- Organization of state/ national/ international level seminars, conferences and workshops
- Training of faculty for effective teaching
- Bestow awards and merit to the deserving faculty for excellent performance.
- Encourage faculty to undertake research and research projects.

Outcome:

1	Number of Teachers completed Ph.D.	53
2	Number of faculty members pursuing Ph.D	08
3	Number of Teachers availed Study Leave to pursue Ph.D	01
4	Number of Ph.D. Guides	19
5	Number of Ph.D. awarded under the guidance of faculty members	37
6	Number of Ph.D. students under their supervision	122



7	No. of research papers published in peer reviewed journals	252
8	Publication in International Data base (Google scholar)	329
9	No. of research papers presented in various seminars /conferences /workshops	373
10	Textbooks published	26
11	Edited Books	47
12	Books with ISBN/ISSN	25
13	Major Research Projects Completed	04
14	Major Research Projects Ongoing	08
15	Major Research Projects – Proposal Submitted	03
16	Minor Research Projects Completed	06
17	Minor Research Projects Ongoing	06
18	Minor Research Projects – Proposal Submitted	40
19	No. of Seminars/Conferences/Workshops Organized	26
20	Citation Index – Please refer to 3.4.3	

2.4.5 Give the number of faculty who received awards/ recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/ achievement of the faculty.

Sr. No.	Name of the Faculty	Award/recognition	Institute offered
1.	Dr. S. N. Helambe	Best Teacher Award	Dr. B.A.M. University, Aurangabad
		Ideal Teacher Award	M. S. P. Mandal, Aurangabad
2	Dr. K. R. Kharat	Young Scientist fellow 2012	SERB
3	Dr. D. R. Khairnar	Best literature Award	Govt of Maharashtra
		Ankur Sahitya Puraskar	Marathi Samaj Shastra Parishad, Vidharbh
4	Dr. P.V. Jabde	Outstanding Achievement in the field of Education (30th Nov, 2011)	IIED New Delhi
5	Dr. S.V. Marathe	Guru Gaurav Puraskar	Rotary Club of Aurangabad
		Best Counsellor	IPERA, Patna
6	DrA.B.Naikwade	NSS Excellent Contribution	NSS Dr. B.A.M.U. Aurangabad
		Govt of Maharashtra State level Award	Govt of Maharashtra
		Yojna Journal, First prize winner	Govt of India
		Karmveer Bhaurao Patil Centenary Award	Rayat Shikshan Sanstha

2.4.6 *Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?*

Internal Evaluation:

- Feedbacks are obtained from the students on important teaching parameters viz use of teaching aids, development of course file, accessibility of faculty, summary of formative work done, syllabus covered, beyond syllabus efforts, types of tests given, etc.
- The data is collected and then analyzed by the Feedback Analysis Committee in consultation with the Internal Quality Assurance Cell. After that, the IQAC has counseling sessions with individual faculty members if and where improvement is needed. Faculties with good feedback are appreciated. Suggestions obtained from students are shared with all the teachers. This helps the teachers to introspect and improve their teaching skills.

External Evaluation:

- The college is an ISO certified one. It has helped in enhancing the professional development of teaching staff. Interactions of the staff with the team of ISO auditors do results in introduction to new and innovative ways of teaching-learning and systematic monitoring of teaching-learning process.

2.5 *Evaluation Process and Reforms*

2.5.1 *How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?*

- At the commencement of the academic year, all the teachers explain the students the evaluation methods framed by the University such as question paper pattern, practical examination pattern and scheme of marking.
- College Website, LCD display, circulars disseminates information and guidelines regarding the examination schedule.
- Students are informed well in advance before the University exams about the evaluation methods.
- The Departmental libraries are well equipped with previous years question papers.
- Class tests and assignments are conducted as per university calendar and the results are published on the university website.
- Notices/Circulars/Ordinances pertaining to the pattern of examinations and the pattern of the question papers are displayed on the notice board.
- The faculty members are made aware of the recent updates of the evaluation process through workshops organized by different institutions.
- Parents get to know the evaluation methods through the College website as well.



2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

Evaluation Reforms initiated by University:

- The University has introduced semester system for all levels of all streams and subjects.
- The semester pattern is designed to have internal assessment consisting of test and tutorial / seminar carrying 20 marks per semester and University Semester end examination consisting of 30 marks.
- However, for UG courses the internal assessment system has been eliminated by the university w. e. f. 2013 – 2014. Presently the University Semester end examination is of 50 marks.
- The single answer book system was introduced in 2010. Each student is provided with a single answer booklet of 32 pages. No additional answer sheets are provided to them
- All the Semester end examinations are conducted by the college as per the schedule provided by the University.
- Centralized assessment scheme is followed by the University
- The assessment of answer books is done by expert teachers, invited from all the colleges affiliated to the university.

Evaluation Reforms initiated by the institution:

- Information about evaluation programme is given to the students after admission.
- Knowledge and skill test after admission: Students are assessed by the teachers through frequent interactions in the initial lectures. Such a practice helps the teachers to segment the students into different groups for providing the required kind of academic task.
- Class Tests
- First Term Examination
- Second Term Examination

Transparency in evaluation:

- The students can apply for revaluation of their answer scripts of Semester End Examinations by paying the prescribed fee.
- The student can get a photocopy of the assessed answer book after the declaration of the results. This can be done by paying the prescribed fee.
- Preparation of question banks
- The Credit System has been adopted for B. Voc. Courses



The motto of the present system is to make students to work regularly and continuously throughout the year and not just study for one or two months prior to the exams. It compels students to read standard books and not to become lackadaisical. Teachers motivate the students to understand that they are learning not for the sake of examination but for the sake of acquiring in depth and breadth of knowledge, so that they accept the policy of life-long learning from womb to tomb.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

- Dr. B.A.M.University, Aurangabad awarded the college as an Ideal Examination Centre for innovative and outstanding practices in conducting the university examinations during 2012-13 and 2013-14
- For the smooth conduct of the Examination and the Evaluation thereafter, Internal Examination Monitoring Committee, Examination Committee and Students' Grievances Cell are constituted by the college. The evaluation reforms are implemented promptly and as part of it
- Students' performances are monitored continuously by respective mentors and taking appropriate actions to improve the performance as and when needed.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

Before the end of every semester a test exam is conducted to formulate a summative evaluation and the students are mentored and are corrected based on their performance.

Formative evaluation process :

The goal of formative assessment is to monitor students' learning to provide ongoing feedback that can be used by instructors to improve their teaching and by students to improve their learning. More specifically, formative assessments:

- ✓ help students identify their strengths and weaknesses and target areas that need to be worked on
- ✓ help faculty recognize where students are struggling and address problems immediately
- The formative evaluation is done as per university norms in the form of unit tests, assignments, seminar presentations and viva voce. This helps the students to face the exam without any fear. With regard to the practical exam



the students are given enough exposure by the concerned departments. Model practical exams are also conducted to acquire sufficient practice.

- The college also encourages the students to take up projects, paper presentation, attend workshops, seminars etc. which provides forum for formative evaluation.
- There is noticeable increase in the usage of library and internet facilities as most of the activities are reference based.

Summative evaluation process :

The goal of summative assessment is to evaluate students' learning at the end of an instructional unit by comparing it against some standard or benchmark. Summative assessments are often at high stakes, which means that they have a high point value.

- Institute conducts Two Internal Assessment Tests
- Practical and viva voce examinations
- University examinations

Impact of Assessment:

The formative and summative evaluation has the following impact on students:

- The formative assessment helps the teacher to decide on the teaching-learning process according to the academic level of students
- The summative assessment determines how much of the content taught is retained by the student.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

Rigor and transparency in internal assessment is followed. The departments conduct internal assessment giving due weightage for –

- Students' active participation in the class.
- Overall conduct as a responsible learner.
- Leadership qualities in organizing academic and co-academic activities.
- Independent learning capability.
- Communication Skills.
- Regularity of students.

The performance in seminar presentations and assignments and the percentage of attendance are considered for internal marks. Assignments such as tutorials are given well in advance each semester and the timely submission is ensured



by the departments. The behavioural traits, aptitude for independent learning and communication skill of students are reflected in their presentations, tutorial sessions, viva voce, regular attendance and timely submission of assignments. Grievances of students are resolved by clarifying their queries based on their performance in test and tutorials to assure transparency. The heads of the department handover attendance and internal marks lists of the students to the administrative section incharge of examinations.

2.5.6 What are the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?

The College specifies five attributes of graduates. They act as a common set of outcomes expected of all graduates of the College. The development of these attributes will better prepare graduates for employment and life-long learning.

Graduate Attributes		Initiatives to Attain the Attributes
Knowledge	Graduates will have an in-depth knowledge in their chosen field of study and the ability to apply that knowledge in practice. They will be prepared for lifelong learning in pursuit of personal and professional development.	<ul style="list-style-type: none">• Wide range of course choices• Ample subject combinations• Certificate courses• Use of ICT• Central Research Lab facility
Communication Skills	Graduates will be able to communicate effectively across a range of contexts	<ul style="list-style-type: none">• English Language Lab with Orell Software• Certificate course in Business Communication in English• The College organizes State Level Debate/Elocution Competition since last 15 years
Problem-solving Skills	Graduates will be effective problem-solvers, capable of applying logical, critical and creative thinking to a range of problems. They will have developed competencies in information literacy.	<ul style="list-style-type: none">• Students' Council• Drama, Music, Sports Clubs, etc.• Science Projects• Continuous Evaluation• Guidance for Competitive Examinations• Yoga Classes• Psychological Counselling
Soft Skills	Graduates will be able to understand the nature of advanced industries and	<ul style="list-style-type: none">• Placement and Career Guidance cell• Pre-placement Workshops



	their work culture and to get oriented about the use of modern aids and technologies	<ul style="list-style-type: none">• Workshops on Personality Development• Entrepreneurial skills development porgrammes
Global Perspective	Graduates will be able to demonstrate a global perspective and inter-cultural competence in their professional lives.	<ul style="list-style-type: none">• B.Voc. Courses• Subscription of international journals• Lectures by International Scholars. For example:<ul style="list-style-type: none">• Prof. Josef Goy, Harding University, America• Ms. Dr. Joe Goy, Harding University, America• Dr. Robert Henry• Director, Queensland University, Australia
Social Responsibility	Graduates will act ethically, with integrity and social responsibility	<ul style="list-style-type: none">• Gandhian Studies Center• Phule-Shahu-Ambedkar Lecture Series since 1992• Visits to Aged homes• Women empowerment activities• Certificate Course in Applied Sociology• Cleanliness Drive Programmes• Environmental Awareness• Adoption of villages

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

Redressal of grievances with reference to evaluation at the college level are looked into by the Examination Committee. The Chairman of the Examination Committee is the Chief Examination Officer (CEO). This position is mandatory as per University norms. A senior and experienced in conducting several examinations is appointed as the CEO. The grievances are settled in accordance with the guidelines issued by Dr. B.A. M. University, Aurangabad as well as the internal examination policy of the College.

University Examination – Students apply for revaluation and verification of marks. The photocopy of answer books is provided to students on demand by University after paying some fee. After receiving own answer-sheet if student wants he/she can apply for reassessment of answer book. In addition, follow up is kept with the University till the grievance is settled.

Internal examination – After assessment, answer books of Assessment Tests as well as Semester Internal Tests are shown to all students and if there is any



query the concerned student can approach the teacher. Since the internal marks are awarded by the teachers, any complaint regarding anomalies is taken care of in the College itself.

2.6. Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

Our college is committed to its students' learning and success. Educational processes and outcomes are aimed at transformational learning that supports students' holistic development. The information regarding learning outcomes is uploaded on the college website which is intended to help prospective students and others to evaluate the College's educational goals and the student outcomes of the education we provide.

Institutional Level Learning Outcomes: At the institutional level, learning outcomes are spelt out clearly

Depth and breadth of knowledge : Learning Outcomes

- General knowledge and understanding of many key concepts, methodologies, theoretical approaches and assumptions in a discipline.
- Broad understanding of some of the major fields in a discipline.
- Ability to gather, review, evaluate and interpret information.
- Detailed knowledge in an area of the discipline.
- Critical thinking and analytical skills inside and outside the discipline.

Knowledge of methodologies : Learning Outcomes

- An understanding of methods of enquiry or creative activity that enables the student to:
 - a) evaluate the appropriateness of different approaches to solving problems using well established ideas and techniques; and
 - b) devise and sustain arguments or solve problems using these methods.

Application of knowledge : Learning Outcomes

- The ability to review, present, and interpret quantitative and qualitative information to:
 - a) develop lines of argument;
 - b) make sound judgments in accordance with the major theories, concepts and methods.
- The ability to use a basic range of established techniques to:
 - a) analyze information;
 - b) evaluate the appropriateness of different approaches to solving problems.



Communication skills : Learning Outcomes

- The ability to communicate accurately and reliably, orally and in writing.

Awareness of limits of knowledge : Learning Outcomes

- An understanding of the limits to their own knowledge and how this might influence their analyses and interpretations.

Autonomy and professional capacity : Learning Outcomes

- Qualities and transferable skills necessary for further study, employment, community involvement and other activities requiring:
 - a) the exercise of personal responsibility and decision-making;
 - b) working effectively with others;
 - c) the ability to identify and address their own learning needs in changing circumstances
 - d) to select an appropriate program of further study; and
 - e) behaviour consistent with academic integrity and social responsibility.

Programme Level Learning Outcomes:

Faculty members are involved in the formulation of syllabus and curriculum and are well aware of the objectives and learning outcome. During the initial lectures, students are informed about the programme, course content, outcome and benefits. The awareness is spread in the departmental level meetings and workshops.

Faculty of Science : Learning Outcomes

- Appropriate application: An understanding of the nature, practice and application of the chosen science area of study.
- An inquiry-oriented approach: An understanding of the scientific method of evidence based knowledge. Encompasses problem solving, critical thinking and analysis attributes.
- Professional skills and their appropriate application: The ability to acquire, develop, employ and integrate a range of technical, practical and professional skills.
- Ability and motivation for continued intellectual development: The capacity to engage in reflection and learning beyond formal educational contexts, that is based on the ability to make effective judgments about one's own work and to undertake self directed, curiosity motivated, learning.
- Engagement with the needs of Society: An awareness of the role of science within a global culture and willingness to contribute to the shaping of community views on complex issues where the methods and findings of science are relevant. This includes an understanding of how science underpins society.



- Communication skills: An understanding of, and ability with the different forms of communication - writing, reading, speaking, listening-including visual and graphical, within science and beyond.
- Initiative and innovative ability: An ability to think and work creatively, including the capacity for self-starting, and the ability to apply science skills to unfamiliar applications.

Faculty of Commerce : Learning Outcomes

- Knowledge: Our graduates will have current disciplinary knowledge applicable in local and global contexts.
- Critical thinking and problem solving: Our graduates will have critical thinking and problem solving skills applicable to business and/or management practice or issues.
- Communication: Our graduates will be effective communicators in professional contexts.
- Teamwork: Our graduates will be effective team participants.
- Ethical, social and environmental responsibility: Our graduates will be aware of ethical, social, cultural and environmental implications of business issues and practice.

Faculty of Arts : Learning Outcomes

- Students should acquire a tolerance for diverse opinions, cultures, races, ethnic, and religious ideas without sacrificing the ability to form and defend their individual ideas and values.
- Students should acquire openness to new ideas in all fields of intellectual endeavor.
- Students should acquire and develop curiosity about the world and a willingness to incorporate new knowledge into their existing patterns of thought and behavior.
- Students should build upon the basic knowledge and skills and develop a deeper level of expertise in a specific discipline (e.g. history), period, methodology, or theme.
- Students should understand the basic methodologies of social science research.
- Show competency in oral and written skills in order to compete locally and globally.
- Use analytical and critical thinking skills to resolve challenges pertaining to communication in a highly competitive environment.
- Exhibit ethical and professional conduct and practices in academic tasks and social interactions.
- Show strong interest in/ passion for the continuous pursuit of knowledge and learning.



- Develop competent users of the English Language to meet the increasing communicative demands and needs of globalization.
- Provide students with a strong foundation in English and the necessary language skills to keep abreast with the latest developments in the field of English language and linguistics.
- Inculcate the importance of and appreciation for lifelong learning.
- Instill in students the values of professionalism as well as ethical conduct and practices.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/ programme? Provide an analysis of the students' results/ achievement (Programme /course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/ courses offered.

PROGRAMME WISE PASS PERCENTAGE: UG					
Sr. No	Programmes	2010-11	2011-12	2012-13	2013-14
1	B.A.	63.29%	68.00%	76.15%	80.86%
2	B.Com.	86.21%	83.00%	77.32%	82.46%
3	B.Sc.(Gen.)	39.00%	50.00%	40.00%	54.41%
4	B.Sc.(I.T.)	73.91%	54.00%	55.31%	82.05%
5	B.C.S.	75.80%	74.00%	58.13%	84.21%
6	B.C.A.(Sci.)	79.31%	58.00%	71.42%	74.07%
7	Biotechnology	100.00%	85.00%	96.29%	96.42%
8	Bioinformatics	85.71%	92.00%	100.00%	100%
9	B.C.A.(Mgt.Sci.)	90.00%	79.16%	80.95%	76.59%
10	B.B.A.	96.55%	82.92%	96.00%	76.00%

PROGRAMME WISE PASS PERCENTAGE: PG					
Sr. No	Programmes	2010-11	2011-12	2012-13	2013-14
1	M.A. Marathi	75.00%	88.00%	97.00%	96.00%
2	M.A. Hindi	91.00%	92.00%	97.00%	97.00%
3	M.A. English	54.00%	56.00%	44.00%	48.00%
4	M.A. Sociology	37.00%	94.00%	85.00%	82.00%
5	M.A. History	86.00%	88.00%	80.00%	91.00%
6	M.A. Pol. Sci.	62.00%	70.00%	88.00%	82.00%
7	M.A. Psycho.	57.00%	92.00%	97.00%	86.00%
8	M.Sc. Comp. Sci.	67.00%	66.00%	68.00%	73.00%
9	M.Sc. IT	100%	100.00%	91.00%	89.00%
10	M.Sc. Electronics			93.00%	100.00%
11	M.Sc. Chemistry	50.00%	61.00%	66.00%	47.00%
12	M.Sc. Bio-Chemistry	45.00%	25.00%		



13	M.Sc. Biotech.	75.00%	74.00%	60.00%	63.00%
14	M.Sc. Microbio.	30.00%	75.00%	40.00%	69.00%
15	M.Sc .Botany	42.00%	92.00%	73.00%	67.00%
16	M.Sc. Bioinformatics	100.00%	100.00%	50.00%	100%
17	M.Sc. Zoology	75.00%	75.00%	100.00%	100%
18	M.Sc. Env.Sci.	56.00%	83.00%	90.00%	40%
19	M.Com.	58.00%	55.00%	73.00%	74%

Achievements – The College students have consistently featured in the merit list of University

2010-2011			
Sr. No.	Name of the Student	Class	Merit
01.	Pardeshi Gaurav Anil	B.Com.	I
02.	Kulkarni Namrata Anil	B.Com.	II
03.	Ms. Surana Pradnya Kanhaiyalal	M.A. Psychology	III
04.	Khambat Mandakini Bhikanrao	M.A. Psychology	IV
05.	Jyoti Kedare	M.A. Hindi	I
06.	Lipane Vaishali	M.A. Sociology	I
07.	Kulkarni Manjita	M.A. Sociology	IV
2011-2012			
01.	Chavan Ashwini Uttamrao	M.A. Hindi	I
02.	Ragde Maya Bhimrao	M.A. Hindi	II
03.	Vakte Archana Prabhakar	M.A. Psychology	III
04.	Kharat Kashiganga Shrimantrao	M.A. Psychology	V
05.	Doibole Kranti Mohan	B.A. (English Opt.)	I
06.	Singhal Jaysingh Popatsingh	M.A. Sociology	I
2012-2013			
01.	Pakhare Mrunalini Prabhakarrao	M.A. Psychology	I
02.	Gosavi Krutika Kishor	M.A. Psychology	II
03.	Gudsoorkar Meena Vithalrao	M.A. Psychology	IV
04.	Pakhare Nitin Ashok	B.A.	I
05.	Soni Ankush Sunil	B.A.	III
06.	Rajguru Abhimanyu Somanath	B.A.	IV
07.	Pardeshi Gurav Anil	M.Com.	III
08.	Shedje Supriya Vasant	B.Sc.	I
09.	Shendge Supriya Vasant	B.Sc (Chemistry)	I
10.	Shendge Supriya Vasant	B.Sc (Zoology)	I
2013-2014			
01	Shendge Pranav Sudhakar	B.Sc (Chemistry)	I
02	Shendge Pranav Sudhakar	B.Sc	I
02.	Sarnaik Rutuja	B.Sc	II
03.	DeshmukhRushikesh Madhukarrao	M.A. Psychology	IV

**Awards/Prizes won by students in exam at University level:**

2010-2011			
Sr. No.	Name of the Student	Class /Subject	Award/Prize
01.	Kedare Jyoti Shankar	M.A.Hindi	1. “Shri. Sumermal Surana Paritoshak”
			2.“Pracharya Dr. M.R.Baig Paritoshak”
			3.“Chandrabhanu Sonawaneji Gunwantta Puraskar”.
			4. Gold medal.
			5. Medhavi Vidyarthi Samman awarded by Bank of Baroda.
02.	Lipane Vaishali	M.A. Sociology	1) Dr. M.G. Kulkarni Award
			2) Mathurabai Pingle Award
			3) Prof. Dr. Sudhatai Kaldate Award
			4) Indumati Bagwase Award
02.	Pardeshi Gaurav Anil	B.Com.	Gold Medal.
2011-2012			
01.	Chavan Ashwini Uttamrao	M.A.Hindi	1. Goldmedal in M.A.Hindi
			2.Shri. Sumermal Surana Paritoshak
			3. Pracharya Dr. M.R.Baig Paritoshak
			4.“Chandrabhanu Sonawaneji Gunwantta Puraskar”.
			5. Medhavi Vidyarthi Samman awarded by Bank of Baroda.
02.	Doibale Kranti Mohan	B.A. (English Optional)	“Pushpalata Vithalrao Kulkarni Prize”
04.	Ragade Maya Bhimrao	M.A. Hindi	Medhavi Vidyarthi Samman awarded by Bank of Baroda.
05.	Singhal Jaysingh Popatsingh	M.A. Sociology	Prof.Dr. Sudhatai Kaldate Award
2012-2013			
01.	Pakhare Mrunalini Prabhakarrao	M.A. Psychology	1. Gold Medal,
			2. Dr. Ramdas Rakhmaji Borude & Sow Asha Ramdas Borude Paritoshik”.
02.	Pakhare Nitin Ashok	B.A.	Late Ramkrishnarao Govindrao



		(History)	Award
2013-2014			
01.	Sarnaik Rutuja Shirish	B.Sc. Zoology	Miss. Dr. Anita Ramkrishanrao Award
02.	Shendge Pravnav Sudhakar	B.Sc.	Gold medal

- The academic progress of the students is monitored by the individual Department
- Students' progress in various fields is communicated to the students and the parents by post as well as by displaying the meritorious achievement on the College notice board, publishing in College Annual Magazine
- Parents of prize winners are communicated through appreciation letters and are also invited in the Annual Social Gathering Prize Distribution Function

Patterns of Achievement:

UG:

- The pass percentage of BA is ever increasing.
- The pass percentage of B.Com is high with minor fluctuations.
- It is observed that the courses like B.Sc Computer Science, Bio-Tech and Bio-informatics have very promising results.
- The results of B.B.A, B.C.A Management and B.C.A Computer Science have been outstanding.

PG:

- The results of PG in social sciences have been in good range.
- The results of languages like Hindi have been outstanding; the results of Marathi are ever increasing.
- The results of M.Sc Biochemistry are low.

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The achievement of intended learning outcomes is central to the pedagogical and assessment procedures. The college ensures that its various programmes and activities help to achieve the stated learning outcomes.

	Strategies to achieve learning outcomes
Management	Provides excellent infrastructure like Central Research Lab, computer labs, well developed library, audio visual teaching aids, digital enabled classrooms, auditorium, sports infrastructure, hostels etc. Provides the adequate amount for the various activities conducted by the college.
Principal	Ensures sustenance and development of quality of teaching-



	learning and evaluation. Motivates the faculties for quality improvement of the college through research, guest lectures, seminars
Teachers	Complete the syllabus in a stipulated time as per the university norms
	Continuous assessment of conduct of the curriculum and adopt innovative techniques in teaching-learning process.
	Perform administrative duties related to examinations, admissions, discipline etc.
	Participate in research activities
	Work as a mentor and counsellor for the students in their curricular and extra-curricular development
Students	Continuous evaluation of students – tests, term examinations, class seminars, assignments, and practical
	Participation of students in various organizations – curricular and extra-curricular- to develop a holistic personality: <ul style="list-style-type: none">• Environmental awareness activities- celebration of Earth Day, etc• NSS/ NCC Camps• Women Empowerment Programmes• Personality Development Workshops• Drama Club, Music Club• Career Guidance Center• Placement Cell• Industrial Visits• Projects• Language Lab• Literary Associations/ Science/Commerce/Social Sciences Forums

2.6.4 What are the measures/ initiatives taken up by the institution to enhance the social and economic relevance (students' placements, entrepreneurship, innovation and research aptitude developed among students etc.)of the courses offered?

Initiatives to enhance Social Relevance:

- All departments organize social awareness programmes in order to sensitize the student community towards social realities. The needs of neighbourhood communities are identified and programmes are planned accordingly.
- Extension activities of the College serve as a laboratory for students to learn and understand prevailing social concerns.
- Our NSS Unit is rendering yeoman service to the community. The Unit adopts villages giving opportunity to students to experience rural living and to reach out to the people through various programmes.
- Cleanliness Drive Campaign at Central Bus Stand and Government Hospital by NSS



- The NCC unit regularly organizes various programmes like blood donation camps, tree plantations, anti-drug awareness programmes, celebration of birth anniversary of Bhagat Singh, etc.
- The College library provides its services to the Aged Home named *Matoshri*
- The College staff contributed to the relief fund to the drought affected area in the region by donating Rs.368744 in the year 2012-13 and Rs. 392824 in the year 2013 -14.
- The College adopted villages during the drought and provided facilities of drinking water.
- The Department of Geology offers its services to the various institutes such as Gramvikas Sanstha, CIDCO, Aurangabad and individuals regarding Water Management Projects, Rain Water Harvesting, etc.
- Department of Microbiology provide services to detect the common adulterants in milk and milk products
- The College also donated computers and books to the rural schools in the region

Certificate Course in Applied Sociology:

The course is planned to give the students necessary practice and exposure to apply the skills in the field situations as well as data analysis.

Guest Lectures:

Sr. No.	Topic of the Lecture	Resource Person	Date
1	History and Its Relevance	Mr. Shrimant Kokate Renowned Historian, Pune	3/2/2011
2	Characters in Mahabharata	Mr. Daji Panshikar Thinker, Mumbai	3/2/2011
3	Maharashtra in Modern Times	Adv. Prakash Ambedkar Member of Parliament	4/2/2011
4	Indian Politics and Social Integrity	Mr. Suresh Khopde Ex Police Commissioner, Maharashtra State	22/02/2012
5	Life skills	Dr. Abhay Bang Padmshree Award Winner	23/01/2012
6	Role of Youth in Indian Democracy	Dr. Sunilkumar Awate Ex Principal, Kolhapur	24/01/2012
7	Women Empowerment	Mrs. Varsha Deshpande Social Activist	20/02/2014
8	Indian Higher Education: Problems and Prospect	Prof. Uttamrao Bhoite Ex Vice-Chancellor, Yashwantrao Chavan Open University, Nashik	22/02/2014
9	Scarcity of Water in Marathwada	Dr. D. M. More Counsellor, Irrigation Department, Maharashtra State, Mumbai	25/02/2015



Student Placements: The Training and Placement Cell of the college is committed to provide all possible assistance to students for employment. The aim of the cell is to ensure that students have the information and skills necessary for an effective job search. The Cell also facilitates contacts between companies and graduates.

In addition to campus placement, the cell has taken following initiatives to enhance the employability potential of students:

- Personality Development Drives
- Interpersonal and communication skills
- Career Planning and Career mapping
- Corporate recruitment data update
- Guide students to approach companies
- Feedback on recruiters' expectations from students
- Alumni networking
- Organization of training sessions on soft skill development
- Training to write CV's and interview techniques

Entrepreneurship: Department of Commerce organized various activities for the development of entrepreneurship skills among students. Some of the activities are as follows:

Sr.No.	Activity	Guest Faculty	Date
1	Interaction with Successful Entrepreneur	Mr.Ram Bhogle, Director, Nirlep Industries Pvt. Ltd., Aurangabad.	1st Jan.2010
2	Opportunities in Entrepreneurship	Mr. Ajit Thete, Jt. Director, Technical Education, Aurangabad board.	31st Aug.2010
3	Interaction with Successful Entrepreneur	Mr. Devanandji Kotgire, Director, Disha Constructions Pvt. Ltd., Aurangabad.	31st Aug.2010
4	'Entrepreneurial Skill' Guest lecture	Mr.Bhingardeve Dipak Sr.Project Officer, MCED, Aurangabad	13th Jan. 2011
5	Preparation of Project Report	Mr.Bhingaldev Dipak Sr.Project Officer, MCED, Aurangabad	13th Jan.2012.
6	Exhibition and Sales of Retail Management	Exhibition cum Sale	27th Feb.2012
7	One day Workshop on 'Universal Law of Success'	Nikhil Sakhare, Councilor, Aurangabad.	14th Aug.2012
8	Guest Lecture on	Mr.D.U.Thawre	8th Feb.



	Successful Entrepreneur	Sr.Project Officer, MCED, Aurangabad	2013
9	DMIC & It's Impact on Development of Marathwada Region	Mr.Mansinghji Pawar, Managing Director, Ratnaprabha Moters, Aurangabad.	19th Aug. 2013
10	Guest lecture on 'How to set up a venture'	Mr.D.U.Thawre Sr.Project Officer, MCED, Aurangabad	18th Jan 2014
11	Entrepreneurship Development Programme "Shunya Se Shikar Tak"	Mr.Sandeep Nagori- Ex.President MASSIA, Mr.Sirish Loya, Leading Industrialist & Process Consultant Mr.Vivekanad Koranglekar, Prominent System Consultant	14th Sept.2014
12	Investment Awareness Programme 'STOCKMIND'	Mr. Amit Kadam, Regional Marketing Manager, ICICI Securities Ltd., Pune	10th Dec. 2014
13	Regarding Entrepreneurship Awareness Programme(EAP)	Mr.D.U.Thawre Sr.Project Officer, MCED, Aurangabad	21st Jan. 2015

Innovation and Research Aptitude

- Programmes like innovative project work, visits to industrial and historical places are undertaken and carried out to the best advantage of the students. .
- Innovations and research aptitude among students are enhanced by organizing talks by eminent researchers, seminars and assigning research oriented projects.

Research Projects completed by the Students:

Sr. No.	Department	No. of Projects Completed
1	Department of Zoology	12
2	Department of Botany	12
3	Department of Chemistry	12
4	Department of Geology	12
5	Department of Analytical Chemistry	12
6	Department of Electronics	12
7	Department of Mathematics	12
8	Department of Microbiology	12
9	Department of Physics	12
10	Department of Environmental Science	12



2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

- The performance of the students in their Examinations is a parameter to judge the learning outcomes of the students in the institution.
- Records of academic results and other achievements are maintained by the college.
- The feedback obtained from students on the teaching-learning process helps to gain an insight into the learning outcomes of the students.
- Each department, primarily through the tutorials, rates the caliber and aptitude of the students at the beginning of the year by collecting comprehensive student data relating to socioeconomic background, academic track record and parental education. This enables the tutor/teacher to treat each student as a unique entity, against a demonstrable social and cognitive context.

After analyzing the data, the college has taken the following initiatives:

Need identified	Action taken
To increase success rate & percentage	• Students Mentor System
	• Remedial Classes
	• Aptitude Tests
	• Academic and psychological counseling
	• Innovative methods of teaching
	• Multimedia enabled classrooms
To enhance Soft skills	• Advanced software in English Language Lab
	• Workshops on personality development
	• Guest lectures
	• Encourage students to participate in various curricular and co-curricular activities
	• MoU with NGOs for various activities
	• Industrial visits and educational tours
	• Short term courses to develop skills of Indian hand embroidery and Nutritional counseling
To develop Employability	• Introduction of B.Voc. Courses - Jewellery Designing and Gemology / Multimedia and Animation
	• Introduction of Certificate courses in various disciplines
	• Certificate course in Business Communication in English
	• Coaching Classes for Competitive Exams
	• Guest lecture Series for students preparing for CS and CA exams.



	<ul style="list-style-type: none">• Advanced training in IT skills
	<ul style="list-style-type: none">• MoU with various industries
	<ul style="list-style-type: none">• Department of Computer Science organized two day entrepreneurship development technical programme in association with Maharashtra Centre for Entrepreneurship Development, Aurangabad on 06 & 07th August, 2010
	<ul style="list-style-type: none">• Placement Cell – appointment of full-time placement officer
	<ul style="list-style-type: none">• Campus Interviews
	<ul style="list-style-type: none">• Entrepreneurial skills development programmes

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

Results: The learning outcomes are monitored through the performance and the results of students.

Departmental Analysis: A departmental analysis is carried out at the end of the year to enable the faculty to assess their achievements and challenges faced. A plan for the following year is drawn to improve on their existing performance.

Staff Meetings: Periodic Reviews are carried out by the Principal through staff meetings to improve the learning outcomes of the Institution.

Continuous Evaluation of Students: Continuous evaluation is useful in ensuring the achievement of learning outcomes of our students. Besides, the exposure provided to the students through various curricular and co-curricular activities on a regular basis ensure that the learning outcomes are achieved in the course of the programme. The results obtained in the semester examinations, higher education enrolment ratio, placement, all point to the achievement of the desired learning outcome on the part of our students.

2.6.7 Does the institution and individual teacher use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

The methodologies used for this purpose are Group Discussion, Assignments, Seminar presentations, individual or Group project work, Viva –voce, class test papers and two internal examinations.



These evaluation exercises are diagnostic as well as remedial as they:

- Provide effective feedback to students
- Enable teachers to take account of the results of assessment
- Help students face the examinations without fright and can gather thorough understanding of the subject
- Recognize the profound influence that assessment has on the motivation and the self- esteem of students.
- Seminars and assignments have made students better orators.
- Allow the active involvement of students in their own learning.
- There is noticeable increase in the use of library and internet facilities as most of the activities are reference based.



Criterion: III **Research, Consultancy and Extension**

3.1 Promotion of Research

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

Research has been the focal issue of this institute.

- Ours is the college having 10 research centers recognized by the affiliating university, Dr. Babasaheb Ambedkar Marathwada University.
- M.Phil. and Ph.D. guidance in 13 subjects/ discipline.

3.1.2 Does the Institution have a research committee to monitor and address the issues of it, if so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

The college has a research committee to facilitate, monitor and encourage the research activities. The research committee comprises of five senior faculty members representing various departments. Two of the members represent Industry. Principal of the college is the Chairman.

The composition is as follows:

Sr. No.	Name	Designation	Department
1.	Dr. M. L. Jadhav	Principal	-
2.	Dr. S. N. Helambe	Associate Professor	Electronics
3.	Dr. A. V. Tejankar	Professor	Geology
4.	Dr. D. R. Khairnar	Professor	Sociology
5.	Dr. R. P. Pawar	Associate Professor	Chemistry
6.	Dr. Vinod Ahirrao	Senior Scientist	Wockhardt Pvt. Ltd.
7.	Dr. Arvind Salakgaonkar	Quality Control Executive	Herman Pharma. Ltd.

The responsibilities of the Committee include:

- To disseminate information about research activities
- To prepare the policies regarding research, execute, revise and modify them whenever required.
- To motivate and assist the faculty, research scholars and students to prepare project proposals in their research area.
- To approve the research proposals for recommendation and funding.



- To monitor the research projects of the college.
- To sign MoUs with industries/firms to work on new and prevailing research areas.

Some Recommendations of the Research Committee

- To conduct regular meetings of research scholars, ensure their regular attendance; involve them in the teaching-learning process of the institution.
- Regarding Students' Research Projects: monitor and streamline them better with an inter-disciplinary approach.
- To establishment of Central Research Laboratory.
- To promoting inter-disciplinary research.
- To ensure better internet connectivity.
- Enrichment of resources.
- To send proposals to the UGC/ICSSR to organize and conduct national level Workshops/Seminars on Research Methodology.
- To provide facility of e-journals.
- To ensure availability of National and International journals/e-journals.
- To honor doctoral awardees of the college at annual gathering.
- To encourage the students and the faculty to participate and present research papers in various conferences and seminars organized by different institutions.
- To provide financial assistance to the faculty to present papers at national/international conferences/seminars etc.

The implementation of the recommendations made by the research committee and its impact is as follows:

- The institute has developed a central research laboratory facility with advanced equipment.
- The faculty has published 341 research articles/papers in various national and international journals.
- The faculty has taken up minor and major research projects on different topics in respective disciplines and subjects.
- The faculty has registered for Ph.D. programmes.
- The faculty and students actively participate in various seminars/conferences/workshops at diverse levels organized by different body/institution.
- 07 faculty members, who have been awarded Ph.D. by the University, were honored at college annual gathering.
- The library has subscribed for national and international e-journals like Medicinal Plants, Asian Quarterly, Journal of International Studies, and Electronics for You, Marine Technology etc.
- The faculty makes use of INFLIBNET for research purpose.



- 08 formal MoUs have been signed for research purpose.
- 50 Research Projects (45 minor, 05 major) are prepared by the faculty to be submitted to UGC
- 132 Research Projects are completed by the students

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?

- The faculty is given full autonomy in the organization and conduct of research projects. All the resources required for the research are made available to them.
- The institution has a policy of rearranging classes for the faculty, in order to enable them to pursue quality research.
- Adequate infrastructure has been set apart for the purpose of research.
- The college also promotes research activities in collaboration with other institutions.
- The college follows a policy of maintaining a separate account for each project, settling down all payments within 30 days of the completion of the project, issuing utilization certificates on time and of ensuring transparency in all dealings by getting the account audited every year.
- Research students and faculty members pursuing research for Ph.D. are given ample opportunity to present & participate in International/National level symposiums. Teachers are given special leave (FIP) as specified in university research norms and alternate teacher arrangements are made.
- Support in terms of technology and information is provided.
- Prompt administrative support to researchers.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

Students are given ample opportunities by the departments to inculcate research culture and aptitude. Under BSR scheme, a number of students have been working on various research projects. Department-wise details are as follows:

Sr.No.	Department	No. of students	
		2012-13	2013-14
1	Zoology	06	06
2	Electronics	06	06
3	Physics	06	06
4	Instrumentation Practice	06	06
5	Geology	06	06
6	Chemistry	06	06



7	Analytical Chemistry	06	06
8	Mathematics	06	06
9	Environment Science	06	06
10	Microbiology	06	06
11	Botany	06	06

- Various departments have organized national seminars and workshops in the emerging fields of respective disciplines to benefit the teachers and post graduate students and also to equip them with the advances made in the field of research and development.
- Motivating students to participate in science exhibitions, Science Talent Search exams.
- Organization of various workshops at the campus inviting eminent scholars.
- Scientific documentary presentation, expert lectures and annual Commemoration lectures on topics of recent trends are conducted.
- Participation of students in extensive field work.
- Exposing students to various advanced equipment at Central Research Laboratory.
- Students take part as demonstrators during Exhibition and Demonstration of science experiments.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

A significant number of faculty members are actively involved in research by guiding students in research, undertaking research projects, publications and collaborative research activity. The details are as follows:

Number of research guides	19
Number of Ph.D. awarded under the guidance of faculty members	37
Number of Ph.D. students under their guidance	122
Number of faculty with Postdoctoral research experience	02
Number of faculty with Ph.D.	Permanent:44 Fix Pay: 16
Number of faculty members doing Ph.D.	18
Number of faculty engaged in Research projects	15



3.1.6 Give details of workshops/ training programmes/sensitization programmes conducted/ organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.

Focusing upon imbining research culture among the staff and students, the college has organized workshops in the campus. The details are as follows:

Department	Theme	No. of Resource Persons	No. of Participants
Zoology	One Day Orientation cum Workshop on Recent Research Techniques in Zoology	04	12
	One Day Motivational Workshop on Research and Research Methodology	05	70
	One week workshop on “Intensive Innovative Professional Development Programme in Zoology”.	20	140
Physics	One week workshop on “Intensive Innovative Professional Development Programme in Physics”.	24	135
Library	National Conference on “Research Libraries: Need of the time”	10	249
Geology	National workshop on “Nanotechnology”	05	124
	One day workshop cum seminar on “Water Management and River Interlinking”	04	72
Botany	RGSTC sponsored one workshop on “Status of threatened medicinal plants and their conservation”	02	60
English	Regional workshop on “Approaches to Literature”	04	91

Besides this, the institution conducts Orientation Programs devoted exclusively to Research Methodology in all subjects/disciplines. Various talks and guest lectures by renowned scholars are organized in the college. The departments like Chemistry, Biotechnology, Botany, Zoology, Geology, Sociology, Hindi, Marathi, English, Political science, commerce regularly organize lectures by eminent scholars to inculcate research culture among the staff and the research scholars.

**3.1.7 Provide details of prioritized research areas and the expertise available with the institution.**

The following faculty members offer specialized areas of research.

Specialized Research Area	Name of the faculty	Department/ Subject
Green chemistry/Synthetic organic chemistry	Dr. R. P. Pawar	Chemistry
Dielectric, Microwave and electronics	Dr. S. N. Helambe	Electronics
Hydrology and Petrology	Dr. A. V. Tejankar	Geology
Sociology of religion and movements	Dr. D. R. Khairnar	Sociology
Chemical kinetics and coordination chemistry	Dr. C. S. Patil	Chemistry
Drug analysis and chemical kinetics	Dr. S. R. Bembalkar	Chemistry
Chemical kinetics and coordination chemistry	Dr. S. B. Ubale	Chemistry
Coordination chemistry	Dr. M. V. Katariya	Chemistry
Plant Taxonomy and floristic study	Dr. R. P. Patil	Botany
Molecular taxonomy of fungi	Dr. S. K. Rajurkar	Botany
Entophytic fungi	Dr. A.S.Taware	Botany
Entomology and physiology	Dr. A. B. Pardeshi	Zoology
Physiology and molecular taxonomy	Dr.M.N. Nagwanshi	Zoology
Numerical analysis and partial differential equation	Dr. S. B. Kiwane	Mathematics
Personality development	Dr. S. C. Jadhav	Psychology
Industrial psychology	Dr. M. K. Tajane	Psychology
Human behavior	Dr. A. B. Pawar	Psychology
Indian writing in English	Dr. G. M. Patil	English
American literature	Dr. N. C. Deshmukh	English
Prose literature	Dr. S. S. Jadhav	Hindi
Criticism	Dr.D.T.Madan	Marathi
Modern Literature and History	Dr.MaheshKharat	Marathi
Agricultural economy	Dr. K. A. Thombre	Commerce
Human Resource Management	Dr. U. V. Panchal	Commerce
Banking, Marketing	Dr. R.B.Lahane	Commerce
Apoptosis in cancer cells	Dr.K.R.Kharat	Biotechnology
Agricultural microbiology	Dr.P.N. Jadhav	Microbiology
Agricultural Microbiology	Dr. A. H. Dhumal	Microbiology
Aerobiology	Dr. M. N. Naik	Environmental Science
Feminism	Dr. S. D. Wawage	Marathi
Feminism	Dr. S. M. Khokale	Marathi
Thin films	Dr. S. C. Chandole	Physics
History of modern India	Mr. R. C. Salve	History
Green chemistry/Synthetic organic chemistry	Dr. R. P. Pawar	Chemistry



3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

The College regularly invites eminent researchers and resource persons. The college Organises conferences & seminars on relevant topics and issues, thus provides an opportunity to listen to and interact with scholars of national and international repute as key note speakers and plenary session speakers.

During the last four years the college organized:

- 14 National level conferences
- 2 State level conferences
- 10 Regional level workshops

List of eminent Persons who visited the college during the last four years:

- Dr. Jayant Naralikar
- Dr. S. Anantkrishnan
- Dr. R. Nagrajan
- Dr. P.N. Sen
- Dr. R.N. Karekar
- Dr. Mrs. M.J. Narlikar
- Dr. C.K. Desai,
- Dr. Mashelkar
- Dr. Pandit Vidyasagar, V.C. SRTM University, Nanded.
- Dr. B.P. Bandgar (Vice Chancellor Solapur University Solapur)
- Dr. Bishwanath Das, Scientist, IICT, Hyderabad
- Dr. Nitin Patil, Scientist, IICT Hyderabad
- Dr. Sanjay Karale, Orchid Pharma Ltd., Aurangabad
- Dr. Dilip D. Dhavale, Professor, Department of Chemistry, Pune University, Pune
- Dr. M. V. Garad, Director, Forensic Science Mumbai
- Dr. Shirish Pathare.
- Dr. Jayshree Panjekar, Panjim Institute, Pune
- Dr. P. T. Sawant, Walchand College, Solapur
- Dr. Annuja Marathe, Furggusan College, Pune
- Prof. K. D. Devindar, Professional Jewellery Designing consultant
- Dr. Madan Kendre, SNDT University, Mumbai
- Ms. Shruti Rakshe, Professional Jewellery Designer, Mumbai



Moreover, various departments organize events wherein guest lectures are delivered by experts in their respective subjects. To mention a few visitors, the following table shows list of the scholars from abroad:

Sr. No.	Name of the Resource Person	Topic of the Lecture
1	Prof. Josef Goy, Harding University, America	Research in America and availability prospects for future researchers.
2	Ms. Dr. Joe Goy, Harding University, America	Land and vegetation research related with nematodes
3	Dr. Tushar Shirsath, Harding University, America	Human diseases and ontogeny in recent period
4	Dr. Robert Henry Director, Queensland University, Australia.	Plants Transformation
5	Dr. Bay Linn.	Fermentation
6	Dr. Jhon W. Magee Geospatial & earth Monitoring Division, Italy.	Sedimentologist/Regolith Geologist, Ground water Group Geospatial & earth Monitoring
7	Prof. Masen Goilunga (Francois) Ph. D (Civil Engineering) University of South Africa	Water Research Flagship
8	Prof. Ken Howard University of Toronto at Scarborough	Groundwater Research

Apart from this, the college has also invited following eminent persons.

Sr. No.	Name of the Resource Person	Topic of the Lecture
1	Dr. Arun Kharat Prof & Head, Dept. of Biotechnology, Dr. BAMU, Sub centre-Osmanabad	Gene Mutation
2	Dr. S.G. Kulkarni Head, Dept. of Biophysics, Dr. BAMU, Aurangabad	Genomics & Proteomics
3	Dr. Shriram Bhosale Imperial College	Bioinformatics and Data Mining
4	Dr. S.J. Makhija	Protein Targeting
5	Dr. Patil Bhushan Wockardt Biotech, Aurangabad.	Opportunities in industry
6	Dr. Dhande R Scientist, Nirmal Seeds Pachora	Seed industry
7	Dr L.M. Suresh Scientist, Monsento Seeds, Aurangabad.	Recombinant DNA Technology
8	Dr. M.K. Sahib Director, Wockardt Biotech, Aurangabad.	Need of Industry



3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

The faculty are encouraged to avail Study Leave under Faculty Improvement Programme (FIP) to complete Ph.D. studies. The provision for long leave directly contributed to improve the quality of research and to imbibe research culture.

- The doctoral programme undertaken by one of the faculty, Dr. R.P.Pawar (Associate Professor, Dept. of Chemistry) has improved the research culture and quality of the teaching-learning in the institution.
- Dr. B.A. Navle, a faculty from the dept. of English availed Study Leave for two years which resulted into the publication of his research project by Atlantic Publication.
- Increased the resourcefulness of the institution in terms of quality faculty for research methodology workshops and lectures both within and outside the campus.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness /advocating/ transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

Faculty of the college is actively involved in organizing and presenting research papers in seminars and conference.

- Many faculty members contribute and publicize findings through newspapers or through presentations at various academic and non-academic forums.
- Research findings are also published in various research journals.
- Dept. of Geology has been working for Water Quality Analysis of the water samples collected from bore-wells, dug-wells and municipal water supply of rural, urban and industrial areas in and around Aurangabad district.
- Faculty and the students of the Dept. of Psychology participate in various activities in order to spread awareness among common people regarding stress management. The department also works on industrial stress counseling. Psychological counseling is given to the people who are affected by natural calamity (land slide) at *Malin*
- The Dept. of Environmental Science works on the environmental problems created due to all sorts of pollution and also on awareness related issues and preventive measures to be adopted.



3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

The College allocates funds in advance to purchase necessary equipment and to subscribe for research journals. Financial assistance for participation in conferences and seminars is also provided to the faculty. Furthermore, the management provides grants to organize conferences and seminars in various subjects. Following are the details of expenditure incurred under various heads pertaining to research.

Sr. No	Particulars	Amount Spent (in rupees)			
		2010-11	2011-12	2012-13	2013-14
01	Laboratories	56,47,777	32,30,089	45,54,285	28,00,000
02	Library Extension	15,46,376	6,50,911	3,13,080	28,00,000
03	Reference books/ periodicals/ Journals purchase	9,96,236	8,53,774	3,83,444	7,63,982
04	E-Journal Subscription	5,000	5,000	5,000	5,000
05	Equipment	1,19,262	45,116	1,02,689	64,767
06	Financial Assistance to teachers for seminar /conference	18,876	27,352	40,675	64,780

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

The institute grants Registration fees, TA/DA to the faculty for presenting paper at national and international conferences/seminars. The institute and M.S.P. Mandal is in the process to make seed money available to the faculty for minor/major research projects.

3.2.3 What are the financial provisions made available to support student research projects by students?

Students are selected to undertake BSR projects. The selection is made on the merit basis of the students. Faculty members support students for their project.

Year	Total Amount	Students Supported	Projects Completed
2012-13	330000	66	66
2013-14	330000	66	66



3.2.4 How does the various departments/ units/ staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavours and challenges faced in organizing interdisciplinary research.

The institute promotes the culture of inter-disciplinary research. In undertaking interdisciplinary research, the faculty brings together the strength of the discipline and the competencies of the respective faculty. Departments conduct seminars and workshops in collaboration with other departments of the college. The services of resource persons are frequently shared by more than one department. Teachers belonging to different disciplines have collaborated in publishing and presenting papers. Some of the significant events are mentioned below.

1. The department of Zoology organized a national conference on “Eco studies/Green studies: Perspectives from Literature, Life Science and Earth science” on Feb. 2 & 3, 2013.
2. The Department of Library organized
 - Workshop on “Impact of Information Communication Technology on College Libraries” on Aug. 1, 2010.
 - National conference on “Research libraries: Need of the time” on Oct. 13-14, 2012.
3. The department of Biotechnology organized National seminar on “Applied aspect of life sciences for the welfare of mankind” on Jan. 14-15, 2011.
4. The department of History organized National conference on “Mahatma Gandhi ani tyanche gramini vichar” on April 27-28, 2013.
5. The department of Geology organized One day workshop cum seminar on “Water Management and River Interlinking” on March 22, 2012.

The department of English Organized :

- National Level Seminar on “Co-operative Endeavour for Quality Enhancement: Exploration of Brighter Possibilities during the Reaccreditation Period” on Sept. 20-21, 2011.
- Regional Level Seminar on “Research and Research Methodology in Languages, Social Sciences & Commerce” on Dec. 23, 2012
- Various Certificate courses run by the college bear maximum inter-disciplinary relevance.
- Vocational Degree courses in Geology and Computer Science are inter-disciplinary in nature.



3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

Optimal use of equipment and research facilities are ensured through

- Establishment of Central Research Laboratory.
- Undertaking research projects by faculty.
- Assigning research projects to the students.
- Carrying out research related experiments in the laboratories.
- Providing hands on experience on the advanced equipment in Central Research laboratory.
- Giving assignments to students related with literature and social issues wherein students make use of library and internet to the max.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

Though the college has not received any grant from industries so far, consistent efforts are being made in the direction to receive grants from the industries and other agencies by signing MoUs. However, the facility of Central Research Laboratory is availed by number of research scholars for which they are charged fees. So far, Rs. 29,350/- is collected which is utilized for the maintenance of equipment.

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The College provides all possible help to the faculty in securing research funds by:

- Introducing various funding agencies to teachers.
- Orientation and Training to teachers to formulate research proposals.
- Motivating faculty to apply for research projects.
- Approving and forwarding the research proposals promptly.
- Providing the mid-term and utilization certificates on time.
- Providing necessary recommendation letter and the letters regarding the availability of the resources required for the research.
- Prompt utilization of funds.
- Assisting faculty for timely submission.



The table below gives the details of **Completed** projects (funded by UGC)

Sr. No.	Faculty	Title of the Project	Category	Sanctioned Amount
1	Dr. A. V. Tejankar	Ground water study of Buldhana Dist.	Minor/ Major	50,000
2	Mr. V.W.Patil	Natural Intelligence Vs. Artificial Intelligence: A Comparative Study of Select Science Fiction	Minor	90,000
3	Dr. S.B.Kiwne	Finite Difference System of non-linear parabolic equations with time delays	Minor	42,000
4	Dr. S.K. Rajurkar.	Air Monitoring of Different Biopolluted sites of Aurangabad City	Minor	70,000
5	Dr. M.N. Nagwanshi	Proteins and nucleic acids from different body parts of commercially important bivalve moll uses from lotic and lentic environments of Aurangabad region	Minor	50,000
6	Mr. P.M. Kshirsagar	Detection of Moisture and Pigments variation in Plants and its characterization for different Agricultural Application	Minor	80,000
7	Dr. R. P. Pawar	Synthesis and biological screening of Alpha-Amino Phosphonates	Minor	90,000
8	Dr. A. B. Pardeshi	Bioactive compounds of plant origin to improve quality and quality of silk in Bombay	Major	7,57,300
9	Dr. R. P. Pawar	Organic Transformation Using Green Approach	Major	3,09,500
10	Dr. D. T. Madan	Marathwadyatil Sahitya Samikhsa ani Sanshodhan	Major	4,87,200
11	Dr. R. P. Patil	Digitized Inventory of Medicinal Plants resources of Maharashtra with special reference to Nasik and Nagar dist.	Major	17,40,640
12	Dr. P. P. Sharma	Digitized Inventory of Medicinal Plants resources of Maharashtra with special reference to Beed and Latur dist.	Major	17,40,640
13	Dr. Mahesh Kharat	Chatrapati Sambhaji Maharaj: Sahitya ani Itihas	Major	6,10,800
14	Dr. G. M. Patil	Women Nobel Laureates	Major	6,83,200



The table below gives the details of **On- going** projects

Sr. No.	Faculty	Title of the Project	Funding Agency	Category Minor/ Major	Sanctioned Amount
1	Dr. A.S. Mane	Ecological studies on Platonic and Its role in Water Index System at certain Lentic waters of Aurangabad	UGC	Minor	1,50,000
2	Dr. R.P.Patil	An assessment of Threatened Medicinal Plants and Germplasm evaluation to develop a comprehensive and sustainable management plan for Marathwada Region	UGC	Minor	80,000
3	Dr. A.H. Dhupal	Isolation, Characterization and Strain Improvement of Phosphate Solubilizers from Soil	UGC	Minor	2,00,000
4	Mr. S.U. Deshmukh	Synthesis of Some Biologically Active Heterocyclic Compounds	UGC	Minor	1,60,000
5	Dr. A. V. Tejankar	Groundwater contamination caused by industrial waste in Aurangabad industrial area Dist. Aurangabad (MS)	UGC	Major	9,16,913
6	Dr. K.R. Kharat	Anticancer potential of Cardenolides modified by Midgnt bacteria of p.pictus	DST-SERB	Major	25,00,000
7	Dr. M. N. Nagwanshi	Molecular taxonomy of Spiders from Aurangabad region, Maharashtra	UGC	Major	11,17,800
8	Dr. A. S. Taware	Studies on Isolation and Biochemical Analysis of Endophytic Fungi from some Medicinally important plants	UGC	Major	6,49,000
9	Dr. S. K. Rajurkar	Diversity of air borne Dueteromycotina and their DNA barcoding	UGC	Major	10,60,300

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

As the college chiefly focuses on the research, following facilities are provided to the researchers for better output.

- Availability of research guides in 13 subjects/disciplines.
- 10 research centers recognized by the affiliating University.



- Facility of Central Research Laboratory with advanced equipment
- 04 research laboratories at departments with latest equipment and gadgets.
- Availability of models/samples/artifacts at the museums at departments like Botany, Zoology, Geology, History, etc.
- Computer labs are made available for the researchers.
- Language lab facility for studies in linguistics.
- Printed books and journals exclusively for research
- Online books and journals
- Facility of internet is provided for the researchers to surf through and to download research related data at central library and at all departments.
- Availability of dissertations at departments.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

The college has a broad vision for promotion of research. The institution has adopted multiple strategies for planning, upgrading and creating research facilities. The functioning of Academic Council and Research and Extension committee go hand-in-hand.

The prime functions of Research and Extension committee are :

- To review the research facilities available and to invite the suggestions and recommendations from the faculty regarding enhancement of the amenities.
- To plan on two levels- short term and long term.
- To propose purchase of latest and multi-purpose equipment.
- To identify prevailing areas of research.
- To provide infrastructural needs.
- To motivate the faculty and the students of the college to undertake research projects under which equipment are purchased.
- To look after mobilizing grants from UGC and other funding agencies for procurement of latest equipment to facilitate research activities in the college.

Apart from this, Research and Extension Unit is committed to up-gradation of library facilities, providing INFLIBNET facilities, and signing MoUs keeping in mind the research support for the faculty.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments /facilities created during the last four years.

Recently, the parent institute has signed an MoU with Maharashtra Chamber



of Commerce, Industries and Agriculture which will boost the research development. Besides, the institution has been putting efforts to receive special grants from industries and other agencies.

3.3.4 What are the research facilities made available to the students and research scholars outside the campus /other research laboratories?

There have been constant attempts to provide research facilities for the college students and scholars outside the campus.

Following are some of the practices undertaken by the college.

- Organization of Study tours.
Various departments of the college organized 23 study tours so far.
- Provision of Recommendation letter to the research scholars to make use of University and Laboratory in and outside the city.
- Signing MoUs with various organizations and institutes.

Sr. No.	Research Department	Name of Institutes/ Industries/ researcher from outside the college
1	Chemistry	<ul style="list-style-type: none">• Government College of Pharmacy, Aurangabad• Hebrew University of Jerusalem, Israel.
2	Botany	<ul style="list-style-type: none">• Paul Herbert Research Centre, Dr. B. A. M. University, Aurangabad
3	Zoology	<ul style="list-style-type: none">• Paul Herbert Research Centre, Dr. B. A. M. University, Aurangabad
4	Physics	<ul style="list-style-type: none">• MGM'S J.N.E.C. N-6 CIDCO, Aurangabad
5	Psychology	<ul style="list-style-type: none">• Endurance Technology Pvt. Ltd. Waluj, Aurangabad
6	Biotechnology	<ul style="list-style-type: none">• Matrix Fine Solutions Pvt. Ltd.

3.3.5 Provide details on the library /information resource center or any other facilities available specifically for the researchers?

The college Library has been building up resources and facilities to support research activities. The library is envisaged as a knowledge hub and maintains an ambience for self-study and research. It has a separate reading room. It has a wide range of Books, Encyclopaedias, Research Journals and Magazines. Access to online journals through INFLIBNET is made available.



The details of availability of resources are mentioned below.

Particulars	Quantity/Remarks
Reference Books	10,049
Journals/Magazines	110
Journal Bound Volumes	1,931
E-Books	64,52,649
E-Journals	6,000
Electronics open source journals	4,000+
CD/DVDs	1,129
WiFi connectivity to access college library repository	YES
Central Research Laboratory	01
Departmental Research Lab	04
Departmental Library and Laboratory	Available

3.3.6 What are the collaborative research facilities developed/created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

The institution has collaborative facilities as follows:

- There are formal MoUs between various departments of the college and other agencies for the research purpose.
- Individual faculty is also engaged in MoUs.
- The special facilities like HPLC, AAS, FTIR, etc. are available at Central Research Laboratory. The Research Committee that looks after the functioning of the lab also offers consultancy services like testing and analyses of chemicals, plant extracts and other components for industries and research scholars from various institutes. In the last three years, the college could receive **Rs. 29350/-** from this consultancy services.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of:

- **Patents obtained and filed (process and product)**
 - The efforts of the college and of the faculty are going on in obtaining patents. So far there is no patent filed.
- **Original research contributing to product improvement**
 - Dr. S.N. Helambe, Head, Department of Electronics worked on “Blood Sugar Detection” developing an instrument without any recurring cost.
 - The dept. of Biotechnology in association with Matrix Fine Solutions worked on production of Vit. E using GMO/non GMO raw material.
- **Research studies or surveys benefiting the community or improving the services**

- Many of the faculty members are engaged in research activities like publishing books, articles/chapters in books and journals. Their research addresses to variety of socio-political, economic and cultural issues that benefit to the society.
- **Research inputs contributing to new initiatives and social development**
 - Research fellows under the guidance of the faculty undertake projects and publish research papers related to farmers, child labor, women empowerment, deprived sections of the society and so on. The research aims at upliftment of society.

3.4.2 Does the Institute publish or partner in publication of research journal (s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

Though the college has not yet started its publication nor it has collaborated with any sort of research publication so far, the Proceedings of seminars/conferences organized by the institute are published in a book form with ISSN/ISBN number.

3.4.3 Give details of publications by the faculty and students:

Category	Total Publication
Publication by faculty	
Research papers presented at national international conferences	373
Number of Publication in peer reviewed journals	341
Publication in International Data base (Google scholar)	329
Chapters in books	42
Books edited	47
Books with ISBN/ISSN	25
Impact Factor	41.8

The details of Citation Index, h- Index and i 10 Index as recorded in Google scholar are as follows:

Sr. No.	Faculty	Citations	h- Index
1	Dr. M.L. Jadhav		
2	Dr. S.N.Thore	230	9
3	Dr. R.P.Pawar	1044	16
4	Dr. S.N.Helambe	379	11
5	Dr. KiranKharat	61	3
6	Dr. C.S.Patil	70	5
7	Dr. A.B. Pardeshi	4	1
8	Dr. M.V. Katariya	25	2
9	Dr.V.S. Rajenibalkar	10	2



10	Dr. S.B. Ubale	18	3
11	Dr. S.U. Deshmukh	47	3
12	Dr. S.A. Dake	109	6
13	Dr. Rajita Ingale	2	1
14	Dr. S.R. Bembalkar	26	4

3.4.4 Provide details (if any) of

- Research awards received by the faculty

Name of faculty	Research Award	Body /Institutes
Dr. P.V. Jabde	Out Standing Achievement in the field of Education.	IIED New Delhi
Dr. D. R. Khairnar	Best literature Award Maharashtra Govt.	Govt of Maharashtra
Dr. D. R. Khairnar	Ankur SahityaPurskar	Marathi Samajshastra Parishad, Vidharbh

3.5 Consultancy

The institution shows keen interest in providing a variety of consultancy services to the needy on non-remunerative basis.

- The Department of Geology offered its services to the following institutes and individuals.

Sr. No.	Name of the Institute/Individual	Nature of service
1	Gramvikas Sanstha, CIDCO, Aurangabad	Water Management Project
2	Mr. Darak Ranjeet	Checking Water Level
3	Mr. Sharad Bonde	Rainwater Harvesting
4	Mrs. Deepa Khekade	Rainwater Harvesting
5	Vasant Shobha Agro Pvt. Ltd. Aurangabad	Checking Groundwater Level
6	M.G.M. Aurangabad	Selection of site to dig a well

- Psychological Counseling for school Students by the department of psychology. It has also signed an MoU with Endurance Pvt. Ltd, Waluj.
- Consultancy is provided by Department of Chemistry by offering testing and analyses of chemicals, plant extracts and other components for industries and research scholars from various institutes.



3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

The Academic Council of the college looks into developing linkages and collaborations with industries and institutions.

- The Authorities of government and private agencies/institutions are associated with the college for various talks and for campus interview of students.
- Students are also sent to industries and pharmaceutical companies for study tours.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The institution understands the needs of the society and acts accordingly. Academic and Research committee of the college identifies major areas wherein the experts of the college can provide consultancy services. Moreover, the profiles of the faculty members are uploaded on the college website which help other agencies to approach the faculty. The staff members are encouraged to engage in translation, editing of brochures and notices, assessment of creative writing for other educational institutions and to offer career guidance and higher education counselling. Most of the faculties publish their findings, expertized opinions through newspapers, reviews that help the needy.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The institution encourages faculties especially from the Department of Psychology, Geology, Home Science, Chemistry and Biotechnology for consultancy services. Most of the consultancy is done free of cost. Institution allows making use of its laboratories and research spaces for offering consultancy services. The college encourages the staff of the Department of Geology to offer consultancy in dug well selection, bore well selection, rain water harvesting project construction, rock analyses, etc. The college has also encouraged the Research Committee to offer consultancy through the Central Research Laboratory. It provides consultancy by providing the sample analyses to industries and other research institutes.

- Publishing the profiles of the faculty members on the college website.
- Providing opportunity and financial assistance for the faculty to attend skill development & training programmes.
- Motivating the faculty to undertake UGC projects on regional and public issues like Plant diseases, soil and water conservation, food quality analysis, etc. resulting in strengthening consultancy services.



3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Sr. No.	Department	Service
1.	Geology	Water analysis, Water Management Project, Checking Water Level, Rainwater Harvesting, Checking Groundwater Level, Selection of Place to dig wells, Soil analysis.
2.	Psychology	Counseling, Personality development, IQ test
3	Microbiology	Blood group testing, Microbe assay
4	Environment Science	Water pollution, Air pollution, Soil pollution, cement forest impact, green auditing, Environmental awareness etc.
5	Botany	Identification of plant diseases and guidance in plant protection measures, Tissue culture
6	Biotechnology	Tissue culture, transgenic variety, training
7	Central Research Lab	Sample analyses

The services provided by the faculty are purely on voluntary basis and free of any sort of financial charges. However following are the details of the amount generated through consultancy at Central Research Laboratory. In the last three years, the college could receive **Rs. 29,350** from this consultancy services.

Sr. No	Name of the industry/institute/individual	EquipmentUsed
1.	Chemische Technology, Waluj	FTIR
2.	Dnyanopasak College, Parbhani	HPLC
3.	Mr. A.S. Datta, MIT College, Aurangabad	FTIR
4.	Miss S.A. Deshmukh, JNEC, Aurangabad	FTIR
5.	Der. S.D. Saptarshi, MGM, Aurangabad	FTIR
6.	Mr. V.P. Ajar, Aurangabad	FTIR
7.	Chatrapati College, Aurangabad	FTIR
8.	BhagwatNagolkar, Research Scholar, Dr. B.A. M. University, Aurangabad	FTIR & Activity
9.	Dr. S.G. Shankarwar, Research Scholar, Dr. B.A. M. University, Aurangabad	FTIR
10.	Prof. B. R. Arbad, Teacher, Dr. B.A. M. University, Aurangabad	FTIR



3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The services provided by the faculty are purely on voluntary basis and free of any sort of financial charges. However, the amount generated through the consultancy by the Central Research Laboratory is used for maintenance of the lab.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

The Extension services of the college are as follows:

- The College library donates books to the needy institutes. It helps educational as well as public sector libraries by providing old books. The details are as follows:

Sr. No.	Books Donated	Name of the Institute	Nature of the Institute
1	637	J.P.N. B.Ed College, Aurangabad	Educational
2	735	Shivchhtarpati College, Aurangabad	Educational
3	674	Chhtarpati Shahu College, Lasur	Educational
4	5079	Garware Community Center , Aurangabad	Public

- **Provision of the Library books to the Old Peoples' home- "Matoshri"**
The library staff goes to "Matoshri" which is situated at the outskirts of the city and offers the old people books to read. Moreover, the department of Dramatics and Music organizes various programmes for the people living there.
- **Demonstration of Science experiments to school children**
The college conducts demonstration of science experiments for the school students in the laboratories of the science departments of the college. Students of the college volunteer as demonstrators.
- **Contribution of relief fund**
There had been a very critical condition in Marathwada region due to very less rainfall and scarcity of water during last two years. The college teaching and non-teaching staff contributed to raise relief fund to support draught affected people. The details are as follows:

Year	Amount
2012-2013	3,68,744/-
2013-2014	3,92,824/-

- **Cleanliness Drive**
Activities of cleanliness by NSS unit of the college are undertaken. Students also take on safe journey awareness activities. Besides, the college has also

signed an MoU with Government hospital under which cleanliness programmes are undertaken. It is observed that due to the high quantity of patients visiting the hospital, the premises get littered and dirty. It is very essential to have this premise clean and hygienic. This activity of the college resulted in offering better assistance to maintain hygienic conditions in the hospital premises.

Description	2010-11	2011-12	2012-13	2013-14
Number of Faculty Involved in Cleanliness Drive	23	31	22	28
Number of Students Involved in Cleanliness Drive	280	300	285	320
Number of beneficiaries involved/co-operated	240	280	315	430

- The college adopts a village to provide water supply every year.
- Computer Science dept. of the college donated few computers to the school.
- Children at Remand Home are provided with educational material.
- Providing Counseling has been a regular activity of the Dept. of Psychology. Faculty of the department visited a *Malin*, a village affected by natural calamity (land-slide) for counseling.
- **Jagar Janivancha**
College initiated special efforts to spread the awareness about the increasing rate of female feticide through the activity named Jagar Janivancha. It is in line with the Govt. of Maharashtra's Anti Feticide programme. The Govt. of Maharashtra appreciated the efforts of the college by giving the college 1st prize of Rs. 1 lac. Following activities were taken on under the title: i) Elocution competition ii) Debate competition iii) Poster/wallpaper competition iv) Street Plays and lectures by eminent feminist activists.

3.6.1 How does the institution promote institution-neighbourhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

The institution has many extension services that ensure the development of social responsibility in the students. Every year the college plans and executes:

- Conduct of annual N.S.S. Camp wherein students are exposed to the problems faced by the village people.
- Interaction of students with the villagers during Health checkup campaign.
- Blood donation camps are conducted in the villages every year by N.S.S. and N.C.C. unit of the college.
- Active participation of students in Street plays on various vital social issues.



- Celebration and commemoration of important days and events like Vanamahotsav Day, Anti Plastic Drive, and Celebration of Birth Anniversary of Mahatma Gandhi, etc.
- Every year the college organizes Phule-Shahu-Ambedkar lecture series. Prominent scientists, social thinkers and activists are invited who provides students an opportunity to shape their views on a number of issues.
- Organization of ‘Yog shibir’ to create awareness about physical and mental health.
- Organization of study tours/field visits.

3.6.2 What is the Institutional mechanism to track students’ involvement in various social movements / activities which promote citizenship roles?

The students are sensitized to various social issues and movements through studied and in-depth inputs, visits/field trips, and organized interactions with eminent social activists.

- NSS unit of the college organizes annual camp at nearby village every year. It also undertakes blood donation camp, anti-plastic drives, cleanliness drives, and other activities leading to eradication of social problems.
- NCC students participate in the camps organized at different places. Blood donation camps, health checkup programme, and tree plantation drives are arranged.
- Dept. of Geology observes World Water Day wherein all the students and faculty take an oath to save water.
- Select students act as volunteers during Assembly Elections.
- **Jagar Janivancha**
College initiated special efforts to spread the awareness about the increasing rate of female feticide through the activity named Jagar Janivancha. It is in line with the Govt. of Maharashtra’s **Anti Feticide Programme**. The Govt. of Maharashtra appreciated the efforts of the college by giving the college 1st prize of Rs. 1 lac. Following activities were taken on under the title: i) Elocution competition ii) Debate competition iii) Poster/wallpaper competition iv) Street Plays and lectures by eminent feminist activists.
- Equal Opportunity Center
- Establishment of Women Empowerment Cell.

3.6.3 How does the institution solicit stake holder perception on the overall performance and quality of the institution?

The institution recognizes and understands the needs of its stake holders. Accordingly the college undertakes various activities to serve the society and collects the feedback from beneficiaries. The institution-

- Organizes annual N.S.S. camp at nearby villages.



- Undertakes cleanliness campaign at Government hospital and Central bus stand, Aurangabad
- Arranges Blood donation camp
- Adopts draught affected village in the region.
- Provides service to Old People's Home "Matoshri"
- Organizes Phule-Shahu-Ambedkar lecture series.
- Provides facility of Central Research Laboratory to users

Each of the mentioned activity is followed by collection of feedback and improvement in service. Moreover, feedback of the institution is sought from students, parents, society, and Alumni in order to assess and progress excellence of the college.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

Needs of the local community/institutions/bodies are taken into consideration while deciding the extension and outreach work to be undertaken. Extension activities are organized purely on voluntary basis. Various kinds of extension programmes undertaken by the institution are as follows:

- Every year the college organizes Phule-Shahu-Ambedkar Lecture Series to inculcate in the students socio-cultural values.
- The college organizes "Yog Shibir" every year.
- College initiated special efforts to spread the awareness about the increasing rate of female feticide through the activity named "Jagar Janivancha" in which a large number of students took part.
- The college organized a grand event "Shodh Marathi Manacha" on 7-9 Jan. 2011 wherein persons of national and international repute delivered speech and it received massive response from the society.
- During N.S.S. annual camp at selected village, the students interact with representatives of the village on their needs and other important issues.
- Street plays are performed to create awareness on significant themes
- Blood donation camps are conducted in the villages every year by N.S.S. and N.C.C. unit of the college.
- Students interact with old age people at "Matoshri", understand their needs and serve them.
- Educational extension programmes - Programmes such as Certificate courses, Exhibitions and Quiz Competitions are organized. An Adult Literacy programme is undertaken during the Annual Rural Camp. Gandhi Study Centre is involved in imparting knowledge based on Gandhian Ideology to students.



Table below indicates the Budget details of the various programmes.

Nature of the Programme	Budget Utilized			
	2010-11	2011-12	2012-13	2013-14
NCC	8,029	6,659	13,173	78,463
NSS	1,10,365	1,72,180	82,825	2,10,217
Phule-Shahu-Ambedkar Lecture Series	1,09,549	69,283	52,080	81,431
Lt. Shri Vinayakrao Patil Elocution and Debate Competition	45,605	1,12,601	85,420	2,50,426

Impact of the Extension and Outreach Programmes on the Students:

- improvement of leadership qualities.
- Facing difficult situations.
- Participation in the nation-building process.
- Development of the sense of responsibility towards socially downtrodden and economically backward classes.
- Awareness of latest significant issues.
- Empathizing with the problems of old people.
- Cultivation of human values among students.
- Imbibing importance of moral, ethical and social values.
- Helping students to cultivate sense of collective responsibility towards calamity affected people.

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National / International agencies?

The faculties are nominated as Programme Officers in NSS and NCC. They plan activities to be undertaken in the course of the year and accordingly schedule is planned. The management supports these activities. The outreach programmes of the college aim at community development and sensitization of the community towards social responsibilities. Students are motivated to take initiatives towards community service. Apart from this, most of the faculty members are members of NGOs and other social organizations. The details extension activities are given below.

Unit / Department	List of activities
NSS	Annual 10 days Camp, Adopting villages every year, Cleaning Of College Campus, Planting trees, Observing National And International Days like AIDS day, Earth day, Environment day.
NCC	Blood Donation camp, Blood Group identification camp at college and in the villages in association with NSS, Tree Plantation, Anti- Drug Rallies, Waste Management, AIDS awareness rallies, Celebration of 'Earth Day' celebration, Pulse Polio



	Campaign, Road Traffic control Campaign, and involvement in other cultural festivals.
Environmental Science	Pollution awareness, Green auditing, campus cleanliness, plastic free campus, No vehicle day etc.
Botany	Tree plantation, garden and campus beautification
Zoology	Water and feeders pots for birds
Geology	Rain water harvesting
Jagar Janivancha	Women Empowerment programmes.
Phule-Shahu-Ambedkar Lecture Series	Lectures by eminent social thinkers, reformers and activists
Gandhian Study centre	Promoting Gandhian philosophy.
Psychology	Students' and employees' counseling, IQ test and Aptitude test for students.
Drama	Awareness through Street plays

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

- Medical and Health Check up camps by N.S.S. Unit.
- Year wise survey for literacy rate.
- Survey regarding economic, social and educational conditions of the people in the villages where NSS organizes its annual camp.
- Blood donation camps by NSS and NCC.
- Dr. M. D. Autade, Asst. Prof. of Department of Psychology, offers extension services in the form of counseling to T.B. drop outs in order to achieve prevention of the disease especially in slum area.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

The college firmly believes that learning is a continuous process that focuses on inculcation of skills and values. The activities like blood donation camps, cleanliness drives, awareness rallies, street plays, tree plantation drives, provision of books to Old People's Home, economic help to drought affected area have been very fruitful in inculcating values and skills among students. The experience of students in such activities very positively complements with their academic learning experience.

Objectives:

- To develop a sense of responsibility among students regarding social, cultural and environmental issues.



- To create awareness about social justice, equality, brotherhood and non-violence.
- To create awareness and importance about cleanliness, hygiene and purity.
- To inculcate moral and ethical values among students.
- To develop leadership qualities of students.
- To build values like nationality, secularism and public responsibility.

Values

- Valuing the dignity and worth of an individual
- Objectivity in assessing and understanding social realities
- Preferential option for the poor and marginalized
- Empathetic approach towards vulnerable groups
- Self-discipline and accountability

Skills

- Communication
- Presentation
- Observation
- Analytical
- Problem-solving
- Leadership
- Organizing
- Social Analysis
- Resource mobilization
- Networking
- Reporting
- Controlling
- Directing
- Monitoring
- Evaluation
- Designing

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The institution ensures the involvement of the community in its reach out activities and contributes to the community development through the following programmes.



- **Inside the campus:**

- i) Every year the college organizes Phule-Shahu-Ambedkar lecture series which receives huge response from the community.

Year	No. of the participants
2010-11	389
2011-12	415
2012-13	460
2013-14	485

- ii) The college organizes “Yog Shibir” every year. The details of participation by people are as follows:

Year	No. of the participants
2010-11	60
2011-12	30
2012-13	400
2013-14	50

- iii) The college organized a grand event “Shodh Marathi Manacha” on 7-9 Jan. 2011 wherein persons of national and international repute delivered speech and it received massive response from the society.
- iv) The college organized an interactive workshop for farmers.
- v) Science exhibition are organized wherein demonstration of science experiments are given by our students to school children.
- vi) Gandhi study center of the college conducts an examination on Gandhian Philosophy- “Gandhi Vichar Darshan”

- **Outside the campus:**

- i) During N.S.S. annual camp at selected village, the representatives of the village are called to discuss on important issues.
- ii) Street plays are performed to create awareness on prominent matter wherein the villagers also take active participation.
- iii) People willingly donate blood at Blood donation camps conducted in the villages every year by N.S.S. and N.C.C. unit of the college.
- iv) During Pool campus placement, every year a no. of students outside the college appear for interview. Wide publicity is made of the event through Newspaper.
- v) Every year the college adopts a village to supply water.
- vi) The faculty contributes to the relief for the draught affected.
- vii) Dept. of Psychology provides by natural calamity (land slide) at Malin

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The college has forged constructive relations with a number of local institutions enabling the conduct of outreach and extension activities.

- a. WALMI
- b. Department of Irrigation
- c. M P C B Department.
- d. Jai Prakash Narayan B.Ed College, Aurangabad.
- e. NSS unit, Dr. B. A. M. University, Aurangabad.
- f. Government Hospital and Training Institute, Aurangabad.

3.6.10 Give details of awards received by the institution for extension activities and /contributions to the social/community development during the last four years.

• **Jagar Janivancha**

College initiated special efforts to spread the awareness about the increasing rate of female feticide and the college's participation in the social activity like 'Jagar Janivancha' had been outstanding. It is an initiative by the Govt. of Maharashtra to encourage the awareness against the female feticide. The college received the first prize of **Rs. 100000/- from Govt. of Maharashtra** for the efforts it undertook on different level. Under this programmes, the activities like lectures, elocution competition, essay writing competition, wallpaper publication, poetry recitation competition, debate, workshops, Yoga Shibir and conferences are organized. Since 2012, the events and activities have registered a very enthusiastic participation by girl students.



- Dr. M.K. Tajne, Faculty was awarded as Best NSS Programme Officer
- Mr. Javed Pathan, a student from B. A. III year was awarded as best volunteer at university level.



3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives-collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The College has its specific strategy to have collaborations with other institutes/ agencies/ industries for better results at every level. College has a formal interaction with research and educational institutes for research collaborations. During the discussion/ interaction, areas of common interest and possibilities of collaboration are identified.

- Recently, the parent institute has signed an MoU with Maharashtra Chamber of Commerce, Industries and Agriculture in order to strengthen the research activities.
- The faculty and students of Botany and Zoology department utilize the facilities in Paul Herbert Research Centre, Dr. B. A. M. University, Aurangabad.
- Department of chemistry collaborates with Chemische tech, Waluj, Aurangabad MIT College, Aurangabad, JNEC College, Aurangabad,
- Dept. of Biotechnology, MGM College, Aurangabad, Milind Science College, Aurangabad, Shiv Chhatrapati College , Aurangabad,
- Dept. of Chemistry, Dr. B.A.M. University, Aurangabad, Fortune Pharma Pvt. Ltd. Shendra MIDC, Aurangabad.
- Department of Physics has collaboration with JNEC, Aurangabad.
- Department of Electronics has collaboration with Jingle Tools for Animation

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance / other universities / industries / Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

Following are the details of certain MoUs and collaborations that have resulted into full-fledged research contribution. The collaborations and MoUs have been very helpful in making use of research facilities available with the institutions and completion of research projects. The collaboration of the Department of Chemistry with the Government College of Pharmacy, Aurangabad has resulted in publication of excellent research work.



Sr. No.	Research Department	Name of Institutes/ Industries/ researcher from outside the college
1	Chemistry	<ul style="list-style-type: none">• Government College of Pharmacy, Aurangabad• Hebrew University of Jerusalem, Israel.
2	Botany	<ul style="list-style-type: none">• Paul Herbert Research Centre for DNA & Bar coding, Dr. B. A. M. University, Aurangabad
3	Zoology	<ul style="list-style-type: none">• Paul Herbert Research Centre for DNA & Bar coding, Dr. B. A. M. University, Aurangabad
4	Physics	<ul style="list-style-type: none">• MGM's J.N. Engineering College. N-6 CIDCO, Aurangabad
5	Psychology	<ul style="list-style-type: none">• Endurance Technology Pvt. Ltd. Waluj, Aurangabad
6	Biotechnology	<ul style="list-style-type: none">• Matrix Fine Solutions Pvt. Ltd.• Dr. Dopler Sussane, Professor in Molecular Evolutionary Biology, University of Hamburg, Germany.
7	Comp. Science and IT	<ul style="list-style-type: none">• Animation Studio Jingle-Toons Pvt.Ltd.
8	Geology	<ul style="list-style-type: none">• Water and Land Management Institute, Maharashtra.• Panjim Institute of Gemology, Pune• Groundwater Survey and Development Agency, Govt. of Maharashtra, Div. Office, Aurangabad.• Dept of Jalsampada, Govt. of Maharashtra, Kada Office, Garkheda, Aurangabad.• Balaji Daimond Industries, CIDCO, Aurangabad.• Shri Raj Jewels, SEEPZ/SEZ Andheri, East, Mumbai, 400046• Dept. of Jewellery Designing, SNDT University, Mumbai.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to these establishment /creation / up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. Laboratories / library / new technology / placement services etc.

The industry-institution-community interactions have been key factor in establishment and expansion of various facilities for students and staff. Such type of interactions always bring the idea of enhancement of students' quality, infrastructural development and increasing employability through academic development. Likewise the college has developed and strengthened various facilities and services.



Apex Career Academy is an external professional competitive exam coaching centre established in the college providing opportunity to the centre to make use of infrastructure of the college. The main aim of this establishment is to provide the facilities for students with nominal fees.

Keeping in view the growing importance of employability through campus interviews, the college has recognized the need and importance of development of students' personality, interviewing, attitude and aptitude skills. The college has appointed a well-qualified training and placement officer (TPO) in Career Guidance and Placement Cell which schedules placement programmes with timely correspondence with different firms and companies. Various industrial houses and IT firms conduct recruitment and placement campaigns in the campus which benefit the students of the college. College is successful in organizing campus interview of many renowned companies like INFOSYS, TCS, WIPRO, etc persistently. Due to the well-developed auditorium and other infrastructural facilities, many companies prefer the college for pooled campus drives.

Besides it, MoUs and collaborations with different institutes and industries, students' field visits and study tours, different programmes by NCC and NSS units bring about industry-institution-community interactions that ultimately result into developing infrastructure on the campus.

3.7.4 Highlighting the names of eminent scientists / participants, who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Sr No	Department	Workshop/seminar/conference Organized/ Sponsoring agency.	Eminent Scientist/Scholars
1	Psychology	UGC sponsored National conference on "Recent trends in psychological research and methodology – planning, process and publication".	Dr. Vibha Sharma Dr. L. R. Yagnik
2	Hindi	UGC sponsored National conference on "Ekkisavi sadi men Hindi Sahitya: Stithi evm Sambhavnayen"	Dr. GarimaSrivastav Dr. Madhav Sontakke
3	Zoology	UGC sponsored National conference on "Ecostudies/Greenstudies: perspectives from literature, Life Science and Earth science."	Prof. V.S. Lomte, Prof. G.D. Wankhede Prof. V.L. Maheshwari
4	Zoology	One week workshop on "Intensive innovative professional development programme in Zoology"	Prof. G.D. Khedkar Dr. S.A. Nikam
5	Chemistry	UGC sponsored National Conference on "Recent Tools in Analysis"	Dr. B. Das Dr. NitinPatil



6	Physics	UGC sponsored National seminar on “Innovative Teaching Methods in Physics”	Dr. Gulam Rabbani, Dr. R. Nagrajan.
7	Library	One day workshop on “The Impact of IT & Communication on Libraries”	Dr. A.A. Vaishnav Dr. D.K.Veer
8	Library	UGC sponsored Two Day National Conference on “Research Libraries: Need of the Time”	Dr. Viranjneyulu, Hyderabad, Dr. Shalini Lihitkar, Dr. V. Khaparde.
9	Library	Workshop on “Role and Responsibilities of Librarians and Library Staff”	Dr. Daya Dalvi, Dr. M. Raghunandan
10	Microbiology	UGC sponsored National seminar on “Microbiology: Applications and prospectus”	Dr. Jayant Bhogale Dr. A.M. Deshmukh Dr. Anil Prakash
11	Biotechnology	UGC CSIR sponsored National seminar on “Applied aspect of life sciences for the welfare of mankind”	Dr. R. V. Gadre Dr. Y. Souche Dr. Lokbharati
12	History	UGC sponsored National conference on “Contemporary relevance condition thought and action.”	Dr. Kumar Ketkar Mrs. Sumitra Gandhi
13	Geology & Physics	National workshop on “Nanotechnology”	Dr. Vijay Pandharipande, Dr. M. Shirsat
14	Geology & Zoology	One day workshop cum seminar on “Water Management and River Interlinking”	Dr. S. Prabhu Shri. M. Chitale
15	Environment. Science	UGC sponsored National seminar on “Environmental pollution and its remedies”	Dr. Amar Supate Dr. S.K. Goyal Dr. S.B. Zade
16	Botany	RGSTC sponsored one workshop on “Status of threatened medicinal plants and their conservation”	Dr. S.M. Poturwar
17	English	NAAC Sponsored National Level Seminar on “Co-operative Endeavour for Quality Enhancement: Exploration of Brighter Possibilities during the Reaccreditation Period”	Shri. R. T. Deshmukh
18	English	One Day Workshop on “Novel Ways of Teaching English Literature & Language to the Contemporary Students”	Dr. C.J. Jahagirdar Shri. R.B. Kimbhune
19	English	State Level Seminar on “Science Fiction & its Prospect”	Dr. JayantNarlikar, Dr. BalPhondke
20	English	Regional workshop on “Approaches to Literature”	Dr. C.J. Jahagirdar Shri. R.B. Kimbhune
21	English	Regional workshop on “Revised Syllabus in English at UG/PG Level”	Dr. Pradip Deshpande Shri.R.T. Deshmukh



3.7.5 How many of the linkages /collaborations have actually resulted informal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and / or facilitated-

- a) Curriculum development/ enrichment
- b) Internship /On-the-job training
- c) Summer placement
- d) Faculty exchange and professional development
- e) Research
- f) Consultancy
- g) Extension
- h) Publication
- i) Student Placement
- j) Twinning programmes
- k) Introduction of new courses
- l) Student exchange
- m) Any other

● **Curriculum development/enrichment:**

Recently, the parent institute has signed an MoU with Maharashtra Chamber of Commerce, Industries and Agriculture which will boost the research development. Further, the college invites experts from other institutions for interaction with faculty and students, and also as Resource Persons during seminars. Feedback on current curriculum is sought from these experts. And the same is forwarded by our faculty some of whom are Chairman, BOS while some are Members, BOS thus leading towards curriculum enrichment.

Faculty Exchange and Professional Development:

Researchers from other institutions are invited to our college for interactions with students and teachers. Professional Development activities are also undertaken. Experienced faculty renders their expertise to different institutions as a part of faculty exchange and professional development.

● **Research:**

Many of the Faculty members are the research guides in respective areas of different Universities, who have successfully guided Ph.D. students.

● **Consultancy:**

Ours is an educational institution, which does not insist on fees on the consultation services rendered by our staff.

● **Publication:**

The publications by the staff members are in the following form:

- Students and staff members present papers at different levels which are published as seminar proceedings.



- Many books of our staff members are published with a large circulation in the state.
- **Student Placement**
The college has a good track record of campus placements. Good numbers of students are placed in different companies and banks at an assortment of positions.

Placement record

Year	No. of students selected
2011-12	213
2012-13	112
2013-14	31
2014-15	106

- **Introduction of new courses**
The college runs 17 certificate courses in different subjects directed towards skill development of students.

3.7.6 *Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.*

The institution has a broader vision towards collaborations with other firms, institutes, companies, and industries in order to introduce and expand research facilities and for establishment of services benefitting not only the college but the society in general. The college has a well-defined strategy:

- **Research Advisory Committee:**
This committee of the college consistently looks after the needs of the faculty and students, pertaining to research. The committee also facilitates, monitors and encourages the research activities. It communicates with other research centers, industries for collaborations. Thus, explores all the possible avenues to make research more productive and qualitative.
- **Research Related Infrastructural Development.**
Productivity and improvement at every level has always been a focal point of the institute. College and the management is very liberal in providing infrastructural facilities to the staff and students. The college has set up a spacious Central Research Laboratory with advanced instruments and equipment. Moreover, computer laboratories and departmental laboratories have also been set up.



- **Promotion of Research by the institution.**

College and the management promote research activities and make available all essential research facilities for the faculty and students. College has formed a Research Committee to design the policies and strategies regarding research, its execution, revision and modification of the policies whenever required.

- **The role of institution in collaborations and linkages.**

The college has a broad vision to enhance its relation with other institutes, and industries for research projects, extension activities and for placement of the students. Accordingly, the college communicates with other organizations to establish linkages in order to assist not only its faculty in particular but the society in general.

List of National/International Eminent Scientist/Academicians who visited the college for different events as Resource Persons and experts:

A brief list of the renowned scientists and academicians in diverse fields is as follows:

- Prof. Josef Goy, Harding University, USA
- Ms. Dr. Joe Goy, Harding University, USA
- Dr. Tushar Shirsath, Harding University, USA
- Dr. Robert Henry, Director, Queensland University, Australia.
- Dr. Jayant Narlikar
- Dr. Pandit Vidyasagar, Vice. Chancellor, S.R.T.M University, Nanded.
- Dr. B.P. Bandgar (Vice Chancellor Solapur University Solapur)
- Dr. Bishwanath Das, Scientist, IICT, Hyderabad
- Dr. Nitin Patil, Scientist, IICT Hyderabad
- Dr. Sanjay Karale, Orchid Pharma Ltd., Aurangabad
- Dr. Dilip D. Dhavale, Professor, Department of Chemistry, Pune University, Pune
- Dr. M. V. Garad, Director, Forensic Science Mumbai
- Dr. M. K. Sahib Director, Wockardt Biotech, Aurangabad.
- Dr. Patil Bhushan, Wockardt Biotech, Aurangabad.
- Dr. S.G. Kulkarni Head, Dept .of Biophysics, Dr. BAMU, Aurangabad.
- Dr. Arun Kharat Prof & Head, Dept .of Biotechnology, Dr. BAMU, Sub centre-Osmanabad.
- Mr. Shivaji Sawant, a reputed writer.
- Dr. Janardhan Waghmare, a reputed writer.
- Mr. Govind Pansare, Activist
- Mr. Kumar Ketkar, Editor
- Mr. Sadanand More, a reputed writer.
- Adv. Mr. Prakash Ambedkar



- Mr. Sitaram Yechuri, CPI Leader.
- Dr. P. T. Sawant, Walchand College, Solapur
- Dr. Annuja Marathe, Fergusson College, Pune
- Prof. K. D. Devindar, Professional Jewellery Designing consultant
- Dr. Madan Kendre, SNDT University, Mumbai
- Ms. Shruti Rakshe, Professional Jewellery Designer, Mumbai

At the beginning of academic year the IQAC meeting is convened where suggestions are solicited from various stakeholders. On the basis of the suggestions, necessary action is initiated which results in establishing and furthering linkages and collaborations.



CRITERION IV: **INFRASTRUCTURE AND LEARNING RESOURCES**

4.1 Physical Facilities

- Total campus area is of 10.32 acres including built up area of 23049 sq mt.
- The college has a big library consisting of 113324 books and its first floor is a reading hall for students.
- The college has two boys' hostels and two girls' hostels accommodating 1057 students.
- The campus houses science laboratories, ICT enabled classrooms, library, NCC and NSS rooms, ladies common rooms, seminar halls, a well constructed auditorium, a conference hall and two canteens.
- Infrastructure for sports consists of gymnasium, sports hall and 0064 sports ground.

4.1.1 What is the policy of the institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

- Increasing number of students and courses requires necessary creation and enhancement of infrastructure for smooth functioning of teaching and learning. Infrastructure is created and enhanced constantly keeping in view the changes on different level.
- Infrastructure creation and development is also done by various sources like feedback of students on campus infrastructure and facilities, observation by the management from their continuous visits to college and recommendation by different college committees. Accordingly the principal proposes the need for infrastructural development every year in Governing Council meetings and budget requirements are evaluated by management and it approves the proposals. The budget proposals are constituted keeping in view the last year's expenditure. While doing so, management also takes proper care to strengthen the facilities at departments. The council also monitors the utilization of grants received from UGC, DST, etc. in order to meet infrastructural needs to make the college campus teaching and learning friendly and advanced.
- Deogiri College is committed to improve the students centric teaching-learning process which results into making nine classrooms equipped with ICT enhanced teaching aids.
- Education for students from rural area is one of the highlights of vision and mission of the institute. Keeping this in view, the college has undertaken the work of extension of hostel and college infrastructure. The increasing number of enrolment requires enhancement in infrastructure. Hostel facilities for girls and boys prove very helpful for the students from rural area. Especially for



girl students from rural area, ‘**no hostel means no education**’. Besides the extension in existing girls’ hostels, the college has chalked out a plan for a new girls’ hostel in the college campus.

- Museum at the department of History helps students to study and learn various artefacts belonging to the different time of culture and period.
- The college has well equipped auditorium, library with eBooks and sophisticated laboratories for the teaching- learning and research.
- For creation or up gradation of an infrastructure, learners and researchers are invited for the discussions.
- The satisfaction of end user policy has been adopted for the development of infrastructure.
- It has been an un-written policy that encourages each department to have a smart classroom equipped with LCD overhead projector, laptop/desktop for effective presentation.
- College has provided internet facility and virtual lectures for better learning and also for effective teacher-students communication. Well-equipped Science Laboratories are available in all science departments as to promote the higher order skills for practical and dissertation work.
- A language lab in the department of English has been strengthened.

4.1.2 Detail the facilities available for

a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, animal house, specialized facilities and equipment for teaching, learning and research etc.

a) Curricular and Co-curricular Activities:

The college has following facilities for curricular and co-curricular activities.

Sr. No	Facilities	Features	Qty
01	Class Rooms	Proper seating arrangements with proper ventilation.	40
02	Class Rooms equipped with ICT	LCD Projector with Audio facilities along with internet connections.	25
03	Well Equipped Laboratories	Equipped with all necessary facilities	22
04	Research Labs	Equipped with sophisticated research equipments necessary to carry out the work of minor & major research projects.	04
05	Seminar Halls	With LCD projector, audio-visual facilities and seating capacity of 200.	01
06	Computer Labs	With all necessary software and configurations.	16
07	Health Centre	With a regular doctor and availability of primary	01



		medication.	
08	Auditorium	LCD projector, audio-visual facilities with seating capacity of 300.	01
09	Ladies Common Rooms	A spacious hall with proper seating arrangement and fresh-room facility.	01
10	MKCL office	Technical staff with necessary equipments like PCs, printers, scanners, etc	01
11	IQAC	Supporting and technical staff, with two PCs with internet facility and Xerox machine, etc.	01
12	Central Library	About one lakh books, more than one lakh e-books and proper seating arrangement in reading hall, internet facility for students, etc.	01
13	Language Laboratory	Capacity of 25 consoles with software of ORELL company.	01
14	Museum	History:130 artifacts; Geology:1052 specimen, Zoology:.... specimen	03
15	Common Reading Hall	With 200 seating capacity with magazine reading area.	01
16	Training and Placement Cell office	With qualified (MBA) training and placement officer with a technical support staff.	01
17	Multi-Gym Hall	All necessary equipment and physical instructor.	01
18	Multipurpose Hall (Table Tennis, Wrestling, Judo, Chess etc.)	Necessary mats, equipments, etc.	01
19	Equipments		
	Computers and Laptops	With latest configurations.	685/09
	LCD projectors	Prominent company products.	26
	Printers	Attached with PCs	118
	Scanners	For office and departmental work.	13
	Generators	Quality products with high level of performance	04
	UPS	For uninterrupted electricity supply to Admin and server rooms.	11
	Xerox Copiers	For exam work and IQAC information dissemination.	04
	Drinking water filters and coolers	With proper cleaning services and assurance of clean and pure water.	27
	Central water purifying unit	With advanced machine to purify the water drawn from borewells and dugwells.	01
Biometric Machines	Keeping paperless record of attendance of staff.	03	

The museums at Department of Geology and History are unique in their features. A wide sport ground amidst the college campus offers students

opportunities to practice and play the games like hockey, football, cricket, volleyball, etc. The central research laboratories consist of sophisticated research equipments. Girls' hostels have gymnasium that helps the girl students do exercise there.

- **Specialized facilities and equipment for teaching:** In science laboratories, animal models, preserved specimens and elaborative charts are available for teaching and learning activities. There are LCD projectors and internet (wired) connectivity, well equipped Audio-Video facilities and language lab.
- **Research space:** A well developed central research lab facility is provided with high end equipments for quality research. Total 10 departments have university recognised Ph.D. research guides. However Ph.D guides are available in 13 subjects. Along with Physics, Chemistry, Botany, Zoology, Electronics, Environmental Science, Mathematics, Geology, Commerce, Sociology, Marathi, Hindi and English, Department of Biotechnology and Bioinformatics are also engaged in research.

b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

➤ **Sports:**

Indoor Infrastructure:

- Department of Physical Education has a gymnasium, sports rooms and sports hall.

Outdoor Infrastructure:

- Sports Ground for: football, cricket, hockey, baseball, handball, and kabaddi.
- Courts for: basketball, volleyball and tennis

The measurement of the infrastructure is as follows:

Sr. No.	PARTICULARS	SIZE	Quantity
1.	Grass Ground	100 X113 M.	1
2.	Football Ground	90X 60 M.	1
3.	Cricket Practice Net (Pitches)	11X 11 M.	2
4.	Athletics Grass Running Track (200mts.)	(200mts.)	1
5.	Basketball Court	28X15 M.	1
6.	Tennis Court	78X 36 F.	1
7.	Hockey field	50X 30 Y.	1
8.	Volleyball Court	9X18 M	1



9.	Kabbadi Court	13X10 M.	1
10.	Multi-Gym Hall	47x30 F.	1
11.	Multipurpose Hall (Table Tennis, Wrestling, Judo, Chess etc.)	36X 30 F.	1
12.	Changing Room Boys	14x10 F.	1
13.	Changing Room Girls	14x10 F.	1
14.	Store	14x10 F.	2
15.	Office for College Director of Physical Education (Head)	14x10 F.	1
16.	Gym at Girls' Hostel		1
17.	Yoga Centre		1

- **NCC:**

College has two units of NCC for girls and boys affiliated to Army Wing Maharashtra Directorate, Aurangabad, Group 51 Maharashtra Battalion. SD. NCC has two separate offices for the units. They have capacity of 54 cadets of each unit. Adequate infrastructural facilities like offices and store rooms at campus encourage proper functioning of NCC at college. It is why college boasts its outstanding achievement.

- **NSS:**

College's is the biggest NSS unit among all colleges affiliated to Dr. B.A. M. University, Aurangabad. There are three units of NSS consisting of 300 students of which there are 200 boys and 100 girl students. It has an office room and a store room. It undertakes programmes like tree plantation, AIDS awareness programs, blood donation camp, anti-drug addiction programs, literacy awareness program, construction of percolation tanks at villages, water management programs, plastic collection programmes, etc. NSS unit organizes a camp every year at nearby villages.

- **Cultural Activities and Public Speaking:**

College has developed adequate infrastructure that allows teaching faculty to organize different program. The ICT equipped classrooms, seminar halls, auditorium and full-fledged departments like Music and Drama present myriad opportunities for students to prepare for various cultural and public speaking competitions.

- **Seminar hall:**

Cultural activities, public speaking, communication skills development, blood donation camps, elocution competitions, yoga, health and hygiene awareness programmes are organized in the seminar hall.



- **Auditorium:**

Rabindranath Tagore Auditorium has been developed with seating capacity of 300. This hall is used for the cultural programmes, campus placement drives, Phule-Shahu-Ambedkar Lecture Series, guest lectures, conferences, induction programmes and meetings.

- **Gandhian Study Centre:**

A well developed Gandhian Study Centre works for propagation of the principles and ideology of M.K. Gandhi. The centre constantly organizes different programs and events to spread the ideas of Gandhi through exam like ‘Gandhi Vichar Darshan Pariksha’, a certificate and diploma course in Gandhian studies. It has been funded by UGC, New Delhi.

- **Women Empowerment Cell:**

Aiming at the emancipation and empowerment of female students and staff, the cell chalks out the programs routinely. It correlates with the programs of Vishakha Cell and Sexual Harassment Cell. It has been provided with an office and supporting staff.

➤ **Other Facilities:**

- **Jogging Track:**

The college has a well bricked jogging track about 450 metres around the play ground. Not only the students and the staff from the college take advantage of the track but also the citizens from neighborhood come to take morning and evening walk around the ground. Elderly people come in good number to make use of the track. It is open from 5.00 am to 8.00 am and 5.00 pm to 8.30 pm everyday.

- **Appex Career Academy:**

College offers infrastructural facilities like hall and an office room to Appex Career Academy which is a professional unit offering guidance in preparing for competitive exams of different kind. In turn, it offers concession to college students. It has proved very helpful for students to prepare for competitive exams.

- **Health Centre:**

A regular doctor is appointed in college’s health centre. The doctor offers her services from 9.00am to 01.00 pm from Monday to Friday. Her services are useful to girl students as her visits to girls’ hostels are scheduled.



4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

- The Principal of the college proposes extension, construction and renovation of the existing facilities in accordance with the academic growth and augmentation of additional facilities of equipments and other infrastructural facilities. It is mainly done by keeping in view the addition in courses and increasing number of students. To make optimum use of the existing infrastructure for teaching and learning, time table of UG and PG is designed in a systematic way.

The college has commenced two degree courses entitled Bachelor of Vocational in Jewellery Designing and Gemmology, and Multimedia and Animation. M.Sc. in Mathematics and Geology are commenced from the academic year 2014 -2015. Sanskrit is also introduced at UG level as an optional subject. Keeping in view these additions and increasing number of students, college has enhanced the existing infrastructure like Geology Museum, History Museum, girls hostels, language laboratory, research labs, Central Research Lab, playground, etc.

The amount spent for the development/augmented of facilities.

Sr. No.	Particulars	Amount Spent (in rupees)				
		2010-11	2011-12	2012-13	2013-14	2014-15
01	Sport Facilities	100000	11747460	9857560	140000	500000
02	Classrooms	10000	2000000	500000	200000	800000
03	Laboratories	5647777	3230089	4554285	2800000	4900000
04	Library Extension	1546376	650911	313080	2800000	900000
05	Sanitations	35000	385502	570490	452000	520356
06	Hostel Extensions	217,00,000	6564369	8387992	250000	3735500
07	ICT equipped classrooms	657307	339500	408075	2500000	-
08	Rain Water Harvesting	40604	-	555675	-	-
	TOTAL:	2,97,37,064	2,49,17,831	2,51,47,157	90,16,000	1,13,55,856

- **Future Plan:**

1. A new girls' hostel.
2. Construction of indoor stadium.
3. Generator facilities for boys hostels

Master plan of the campus



4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

College provides essential help for physically challenged students and staff. Ramps and separate toilet blocks are maintained for such students. Hostels also have provision of ramps. Teaching staff as well as students always offer hand for help to such students in the campus. Brail machines are provided students in college library to blind and partially blind. A physically challenged girl studying at PG level has been helped by college by offering her four wheeler motor cycle.



4.1.5 Give details on the residential facility and various provisions available within them:

Hostel Facility:

• **Girls' Hostels:**

- Two hostels named Savitribai Phule Hostel and Rashtramata Jijau Hostel.
- Accommodation capacity of **626**.
- Recreation room has reading facilities like magazines, news papers, etc.
- A TV set is installed in recreation room.
- A well furnished gymnasium is available.
- There is provision of first aid box and the medical officer at college's health centre regularly visits the hostels.
- Provision for residential facility for rector.
- Ten RO filters for supply of safe drinking water.
- Solar panels for hot water.
- Security is provided for 24×07.

• **Boys' Hostels:**

- Two hostels named Rajashri Shahu Maharaj Hostel and Yashwantrao Chavan Hostel.
- Accommodation capacity of **431**.
- Recreation room has reading facilities like magazines, news papers, etc.
- The hostel office has first aid box besides it, the medical of college's Health Centre regularly visits the hostels.
- Six RO Filters for supply of safe drinking water.
- Security is provided for 24×07.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

The college has appointed a doctor in its health centre who works from 09.00 am to 01.00 pm from Monday to Friday. The centre has necessary equipment and medicines for primary medications.

Yoga camps are arranged for the students and staff of the college. The Department of Psychology organizes such camps for teaching and non-teaching staff. It also runs a short *Certificate Course in Mental Health*. Besides it, college organizes programs about health consciousness where



eminent medical practitioners and nutritional counsellors conduct sessions on health issues. The Department of Home Science always offers dietary and nutritional counselling to teaching and non-teaching staff. It also offers such services to the sports persons. The department runs a *Certificate Course in Nutritional Counselling*. The following is the record of various activities and no. of beneficiaries.

Sr. No	Name of the department	No. of health programs	No. of beneficiaries
01	Dept. of Home Science	82	211
02	Counselling Centre, Dept. of Psychology	21	1290
03	Health Check Up Camps	02 (At College)	365
04	Health Check Up Camps	05 Off Campus (Sumananjali Hospital, Aurangabad)	166

College has Yoga Teaching Cell that looks after organization of Yoga Camps and seeking association with Yoga teaching institutes. The details of the programmes organized by the cell are as follows:

Sr. No	Yog Shibir Title	No. of beneficiaries	Date
01	Yog Sadhana Shibir	60	03 to 31 Dec, 2011
02	Yoga for Girls	30	January, 2012
03	Yog Shibir in association with Bihar School of Yoga, Munger, Bihar	1350	26 to 28 April, 2013
04	Yoga Shibir	66	10 to 16 th Feb, 2015

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc

- **Special Spaces on campus are reserved for the following units.**

Sr. No	Unit	Quantity	Area (in sqft)
01	IQAC	01	199.5
02	Training and Placement Cell	01	175
03	Counselling Cell	01	184.5
04	Women’s Cell	01	177.9
05	Ladies Common Room	01	397.47
06	NCC (Boys)	01	246.75
07	NCC (Girls)	01	174
08	NSS	01	202.96



09	Canteen	02	South	1042
			North	1885.41
10	Health Centre	01	153	
11	Auditorium	01	2880	
12	Students' Council Office	01	189.65	
13	Seminar Hall	01	1604.20	
14	Career Guidance Centre	01	753.37	
15	Parking Lots		South	12000
			North	20000
16	Security		224	
17	CCTV	48	-	
18	Water Coolers Purifiers	27	3320 Litres	

- Placement drives and health related programmes are held in the auditorium & seminar hall.
- Water filters/coolers are provided on each floor of each building to ensure safe drinking water.

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

The college Library Committee under the chairmanship of the Principal, the librarian as its secretary is constituted in the following manner. It looks after effective functioning of the library and its services.

The Committee:

Dr. M .L. Jadhav	Chairman
Prof. S. N. Dongre	Librarian & Secretary
Dr A.V. Tejankar	Member
Dr. S. N. Helambe	Member
Dr. U .V. Panchal	Member
Miss. Soares Steffi Mario	Student Member (CR, B.A.II)
Mr. Satish Patil	Member (Parents Representative)
Mr. Pranav Shendage	Member (Former Student)
Mr. M. K. Avhad	Member (Non-teaching)

- All policy decisions regarding functioning of Library, its budgetary allocation, the purchase of books etc. are taken into consideration during the meeting of Library Committee.
- The committee also looks after the work of providing facilities like for INFLIBNET facility, e-books, Intranet library usage facility etc.

**Initiatives to render the library student friendly:**

- Open access to text books and references
- Departmental library as a small unit for post graduate and research students
- Book Bank for Biotechnology students.
- Reprographic facilities.
- E-copies of books
- INFLIBNET
- Soft copies of books are available to students, teachers and researchers free of cost on DCANET.

To render the library user friendly, it has also developed a page on the website of college. The page offers access to many types of e-resources at a single place. Its details are as follow:

Sr. No	Particulars	Details
01	E-Books	American Library Books Biodiversity Heritage Library Books, International Children's Digital Library: ICDL Community Books, The Universal Digital Library Books, Directory of Open Access Books, Google Books, Gutenberg Project Books , OPEN Books, Open Library Books, Springer Books, UC Press E-Books, UN University Full Text Publication, NCERT Textbooks, Kavita Kosh, Sahitya Kunj, Hindi Books, Author, Poets, Hindi Nest Web Magazine, Rare Book Room, ShabdKosh, etc.
02	E-Journals	The entry consists of the list of journals alphabetically like: Allergy and Immunology, Analytical Chemistry, Anatomy, Animal Science, Anthropology, Arts, Astronomy, etc.
03	Dictionaries and Encyclopedias	Oxford Dictionary, Oxford Learner's Dictionary, Free online Dictionaries, Cambridge Free English Dictionary and Thesaurus, Collins Dictionaries, Merriam-Webster Online: Dictionary and Thesaurus, Macmillan Dictionary and Thesaurus, etc.
04	Biographies and autobiographies	Biographies of great men and women from India (Bharat), The personalities holding the highest offices and important positions in Executive, Judiciary and Legislature in the country. Biographies of such Indian heroes include people from all walks of life such as freedom fighters, leaders, scientists, litterateurs, writers, painters, musicians, social reformers and entrepreneurs. Etc.
05	Knimbus	13,000 full-text journals, millions of e-books and course documents

The above list also includes entries to access to newspapers, videos, journals and full text database, etc.

**4.2.2 Provide details of the following:**

Working hours (on working days, on holidays, before examination days, during examination days, during vacation)

On working days,	9.30 am to 9.30pm
On holidays,	10.00am to 5.00pm
Before examination days (from Sept to end of all exams),	7.30am to 9.30pm
During examination days,	7.30am to 9.30pm
During vacation	9.00am to 2.00pm

Measurement of infrastructure of library:

Sr. No	Particulars	Area
01	Main Stack	3963.6 sq. ft.
02	Reading Hall	4893 sq. ft.
03	Periodical Hall	3545.2 sq. ft.
04	Rare Books Collection Stack	180 sq. ft.
	Total Area of Library	12581.8 sq. ft.

4.2.3 How does the library ensure purchase and use of current titles, print and e journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Librarian and the Library Committee keep the track of changes, upgradation, revision in the syllabi of various courses. It also keep in view the introduction of new programmes, courses. Accordingly it seeks catalogues and quotations from different publishers. The purchase of books for research projects of faculties is also done through library committee. In addition to this, the library also ensures to purchase current titles on important social, political, educational, language, research, science, competition, cultural, commerce and literary issues. It also ensures the purchase and subscription of e-resources. Demand by students, HoDs and staff also help the committee to initiate purchase of new titles. Purchase Committee approves the proposals of purchase of books after verification.

Details of the purchase of books and journals' bound volumes:

Particulars	2010-2011		2011-2012		2012-2013		2013-20104	
	No .	Cost	No .	Cost	No	Cost	No.	Cost
Text books	1736	4882213	1485	478125	975	346490	1809	46082
Ref.books	1741	727165	1315	768582	772	266074	809	608730
Gen.books	252	36710	162	29376	293	63923	585	65566
Total	3730	1252088	2962	1276083	2013	676493	3203	1135378

**Details of purchase and subscription of e-resources:**

particulars	2010-2011		2011-2012		2012-2013		2013-2014	
	No. of Books	Cost	No. of Books	Cost	No. of Books	Cost	No. of Books	Cost
CD/DVDs	445	141266	78	990	89	85859	228	24400
Print Journals	156	269071	93	85192	100	117370	110	155252
e-journals (N-List)	2137	5000	3000	5000	5000	5000	6000	5000
Total	2738	415337	3171	91182	5189	208229	6338	404252

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

College has provided all departments with computers and internet connectivity. Staff makes use of e-resources subscribed by library from their departments. Besides it, library information system has OPAC. INFLIBNET and N-List are electronic resources packages for e-journals at college library. Federated searching tools to search articles in multiple databases are available. College website has a section for library e-resources. Library provides staff with accession id and passwords for making use of e-resources on INFLIBNET and N-List. The staff can access the database from their houses or remote places. Besides it, college computers have wired intranet that allows the similar access. It also offers access to the college library repository through WiFi.

The library has completed its 100% computerization.

Sr. No	Particulars	Status
01	Total Nos of computers for public access	23
02	Total Nos of printers for public access	04
03	Internet band width/speed	10 mbps
04	Institutional repository	Ongoing
05	Participation in resources sharing network/consortia	INFLIBNET, N-List, Affiliating Uni. Library
06	Content management system for e-learning	College Intranet

College library constantly organizes awareness program about the use of resources of library. Staff of library always informs the faculty about the new arrivals and availability various e-resources. It has resulted in positive use of e-resources like e-books and e-journals.

4.2.5 Provide details on the following items: (2013 -2014)

- Average number of walk-ins : **480**
- Average number of books issued/returned : **1077/day**
- Ratio of library books to students enrolled : **1:17 students**



- Average number of books added during last three years : **3769**
- Average number of login to opac (OPAC) : **359/day**
- Average number of login to e-resources : **7338/yr**
- Average number of e-resources downloaded/printed : **22014/yr**
- Number of information literacy trainings organized : **01 for faculty, 01 for students**
- Details of “weeding out” of books and other materials.

College library donates old books to needy institutes. The details are as follow:

Sr. No	Books donated	Institute	Nature of the institute
01	637	JPN B.Ed College, Aurangabad	Educational
02	735	Shivchhatrapati College, Aurangabad	Educational
03	674	Chhatrapati Shahu College, Lasur	Educational
04	5079	Garware Community Centre, Aurangabad	Public

4.2.6 Give details of the specialized services provided by the library

- Manuscripts : Nil
- Reference: Reference services provided to students in two forms i.e. e-resources and reference at library reference section.
- Teaching staff is provided with user ID and password to access subscribed e-resources along with free access e-resources.
- Reprography : The service is available.
- ILL (Inter Library Loan Service): It provided by the library to various schools and college under M.S.P. Mandal, Aurangabad.
- Library provides books to an Old People’s Home named MATORSHIRI which is situated at outskirts of the city. Staff of library goes to the Home and provide them books for reading.

(Information deployment and notification (Information Deployment and Notification)

New books are showcased as ‘New Arrivals’ and displayed in the library. Photocopy of the index page of the latest journals/magazines are made available by the librarian to the respective department. Teachers and research students download and take prints out of necessary study material. The details are as follow:

Sr.No	Year	No of Teachers	Downloads	Prints
01	2010 – 2011	58	17104	5746
02	2011 – 2012	60	13542	5933
03	2012 – 2013	60	10940	4423
04	2013 – 2014 (upto Aug, 14)	61	16108	8364
	Total	---	57690	24466

Source: INFLIBNET, List, Gujrat.



Library prepares reading list and compiles bibliography and they are provided to concerned department faculties. Besides it library has enabled faculty to make use of subscribed e-resources from remote places. Staff can access the data from their houses. They are provided with user ID and password. Library also organizes user orientation and awareness programs for students and teaching staff in the beginning of each academic year. It has subscribed to INFLIBNET and N-List.

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

Library staff issue/receive books to/from students and staff systematically. In case of any difficulty in finding the required book, help is provided by the library staff. They also provide reprographic facilities. Following are some of the distinguished supports provided by library staff:

- Special attention to physically challenged students.
- Provision of scanned PDF format of old books available at library.
- Best reader award through competitive exam.
- Mobile access to students for availability of books in library.
- College library promptly gauge the changes in syllabi and make new books available in the library as result of proper communication among library, teaching staff and Library Advisory Committee.
- The library makes old question papers, syllabus, news cut outs from news papers, photographs of various events and scanned books available to students and staff on the separate page created on the college website.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Brail machine and Low Vision Software for blind and partially blind students are made available in the library. A three wheeler scooter is provided by the college to a physically disabled student. Fees concession is also provided to physical disabled students.

Deogiri College is privileged to have total 08 physically challenged students taking education in the college during last five years. **Miss Pardeshi Renuka** studying in M.A. II year has been provided with four wheeler scooter. The students like **Mr. Hindule Nandkumar Bhagwan**, are visually challenged. They provided facilities like brail machine and Low Vision Software. All physically challenged students are given fees concession. In the year, 2013-2014, physically challenged students like **Aute Jija Ashok, Bombale Ravindra Ashok, Hindule Nandkumar Bhagwan, Marathe Kaumudi Vinayak and Marathe Ruchira Vinayak** received financial support from the college.



4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

Library obtains feedback from its users. It includes students and staff as well. The feedback targets various issues in library services. Students and staff evaluate the services like book transaction and prompt provision of desired books, reading hall facilities, treatment by library staff, etc. The feedback is collected and analysed properly. The library committee reports its analyses to management and necessary measurements are taken up for improvement of library services. Besides it:

- Suggestion/Complaint box is available at the entrance of library.
- Regular meetings of library committee take place.

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

Deogiri College has signed **Open Value Subscription Education Solutions Agreement** with **Microsoft Volume Licensing Services** with agreement no. **V0151661** effective upto 31st January, 2018.

Number of computers with Configuration (provide actual number with exact configuration of each available system)

We have 685 Computers with following configurations:

Configuration
ACER ,2.8 MHz, 160GB HDD, 2 GB RAM, 15” TFT KBD MUS, DVD
Acer Dual core, 2.70 Ghz, 2GB RAM, 320 GB HDD, 18.5” LCD, PS2 KBD MUS
Acer Dual core, 2.70 Ghz, 2GB RAM, 160 GB HDD, 18.5” LCD, PS2 KBD MUS
DELL LAPTOP, 2.8 GHz, 320 GB HDD, 2GB RAM, 15.6” TFT, KBD MUS, DVD
HCL Core 2 Duo, 2.93 Ghz, G-41M Board, 2GB RAM, 320 GB HDD , 15.6” LCD, KBD MUS
HCL Dual core, 2.20 Ghz, G-41M Board, 1GB RAM, 160 GB HDD 15.6” LCD, KBD MUS
HCL Dual core, 2.20 Ghz, G-41M Board, 1GB RAM, 160 GB HDD 15.6” LCD, KBD MUS DVD
HCL Dual core, 2.20 Ghz, G-41M Board, 2GB RAM, 160 GB HDD 15.6” LCD, KBD MUS DVD
HCL Dual core, 2.20 Ghz, G-41M Board, 2GB RAM, 320 GB HDD 15.6” LCD, KBD MUS DVD
HCL , 32 MB RAM, 04 GB HDD 15.6” CRT, KBD MUS



HCL , 866 MHz, 1.44 FDD, 815M Board, 20 GB HDD, 128 MB RAM, 15”CRT KBD MUS
HCL , 866 MHz, 1.44 FDD, 815M Board, 20 GB HDD, 128 MB RAM, 15”CRT KBD MUS CD
HCL , 866 MHz, 1.44 FDD, 815M Board, 40 GB HDD, 128 MB RAM, 15”CRT KBD MUS
HCL , 866 MHz, 1.44 FDD, 815M Board, 80 GB HDD, 128 MB RAM, 15” CRT KBD MUS
HCL , 1.8 GHz, 160 GB HDD, 2 GB RAM, 15” CRT KBD MUS DVD.
HCL , 1.8 GHz, 160 GB HDD, 2 GB RAM, 15” CRT KBD MUS, DVD
HCL , 866 MHz, 20 GB HDD, 256 MB RAM, 15” CRT KBD MUS, CD
HCL , 2.8 GHz, 320 GB HDD, 1 GB RAM, 15” CRT KBD MUS, DVD
HCL , 2.8 GHz, 320 GB HDD, 2 GB RAM, 15” CRT KBD MUS, DVD
HCL , 2.2 GHz, 320 GB HDD, 2 GB RAM, 15” TFT KBD MUS, DVD
HCL , 866 MHz, 40 GB HDD, 1 GB RAM, 15” CRT KBD MUS, CD
HCL , 866 MHz, 80 GB HDD, 512 MB RAM, 15” CRT KBD MUS
HCL , 866 MHz, 40 GB HDD, 256 MB RAM, 15” CRT KBD MUS, 1.44 FDD
HCL , 866 MHz, 40 GB HDD, 32 MB RAM, 15” CRT KBD MUS.
HCL , 866 MHz, 80 GB HDD, 1 GB RAM, 15” CRT KBD MUS
HCL , 866 MHz, 80 GB HDD, 32 MB RAM, 15” CRT KBD MUS.
HCL B 800 PIII, 866 MHz, 1.44 FDD, 815M Board, 20 GB HDD, 128 MB RAM, 15” KD MUS
HCL I 800 PIII, 866 MHz, 1.44 FDD, 815M Board, 20 GB HDD, 128 MB RAM, 15” KBD MUS
HCL P4, 2.4 Ghz, 1.44 FDD, 845 M Board, 128 MB RAM, 40 GB HDD, 15” LCD, KBD MUS
HCL P4, 3.6 Ghz, 1.44 FDD, 915M Board, 128 MB RAM, 40 GB HDD, 15” LCD, KBD MUS
HCL, 2.20 Ghz, G-41M Board, 2GB RAM, 80 GB HDD 15.6” LCD, KBD MUS CD
HP , Corei3, 2.5GHz, 1.44 FDD, 500 GB HDD, 4 GB RAM, 15” LED KBD MUS DVD
HP Ci3 110-02522, Intel Ci3 3240, 2.9 Ghz, 2GB RAM, 1761MB, 500 GB HDD SATA, 18.5” LED, KBD MUS DVD
HP, 866 MHz, 1.44 FDD, 160 GB HDD, 1 GB RAM, 15” CRT KBD MUS DVD
LCD Projectors
Lenovo Ci5 2120, 3.0 Ghz, H-61M Board, 4GB RAM, 500 GB HDD SATA, 18.5” LED, KBD MUS DVD
Lenovo CI3 H 520 CI32120, 3.20 GHz, H-61 M Board, 500 GB SATA, 2GB RAM, 18.5” LED KBD MUS DVD
MTK Core2Duo, 160 GB HDD, 1GB RAM,1.44 FDD, 15” CRT, CD
MTK Core2Duo, 40 GB HDD, 1GB RAM,1.44 FDD, 15” CRT, CD
Printers
Server IBM X3300M4 Quadcore, 8GB RAM, 320 HDD SATA3, 18.5” LED, KBD MUS
WIPRO , 2.8 GHz, 160 GB HDD, 1GB RAM, 15” TFT KBD MUS
WIPRO , 866 MHz, 80 GB HDD, 128 MB RAM, 15” TFT KBD MUS
Zenith P4, 2.4 Ghz, 1.44 FDD, 845 M Board, 128 MB RAM, 40 GB HDD, 15” LCD, KBD MUS
Zen-P III, 866 MHz, 1.44 FDD, 15 GB HDD, 128 MB RAM, 15” CRT KBD MUS



Zen-P III, 866 MHz, 1.44 FDD, 15 GB HDD, 64 MB RAM, 15" CRT KBD MUS
Zen, 866 MHz, 1.44 FDD, 160 GB HDD, 1 GB RAM, 15" CRT KBD MUS CD
Zen-P III, 866 MHz, 1.44 FDD, 20 GB HDD, 128 MB RAM, 15" CRT KBD MUS
Zen-P III, 866 MHz, 1.44 FDD, 40 GB HDD, 1 GB RAM, 15" CRT KBD MUS
Zen-P III, 866 MHz, 1.44 FDD, 40 GB HDD, 128 MB RAM, 15" CRT KBD MUS
Zen-P III, 866 MHz, 1.44 FDD, 40 GB HDD, 256 MB RAM, 15" CRT KBD MUS
Zen-P III, 866 MHz, 1.44 FDD, 40 GB HDD, 1 GB RAM, 15" CRT KBD MUS DVD
ZQ , 866 MHz, 1.44 FDD, 160 GB HDD, 1 GB RAM, 15" CRT KBD MUS DVD

Computer-student ratio	:	10:1
Stand alone facility	:	Yes
LAN facility	:	Yes
WiFi facility	:	Yes (Limited)

Licensed software

- Windows XP, win server 2003 and windows 8.1 ,
 - Matlabs for bioinformatics and Mathematics.
 - Softwares for I.G.I.S. watershed management and software for the geo mapping GLOBAL MAPPER , GARMIN GPS AND GARMIN 550 GPS
- Number of nodes/ computers with Internet facility : **510**
- Any other

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- There are 685 computers being used at college.
- Each department has computers with internet connectivity for each faculty.
- There are full-fledged computer labs at Department of Commerce, Dept. of Computer Science, Language Laboratory, Dept. of Biotechnology, Library, etc.
- The staff members have been provided with internet facility at all departments.
- It is a broadband with 10 Mbps leased-line connectivity.
- The library offers access to internet browsing for students on its first floor.
- The administration and account sections have internet connectivity.
- Wi-Fi facility for students to access e-books and video lectures on DCANET.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

PLANS FOR DEPLOYMENT & UP-GRADATION

- Up-grading of IT infrastructure is carried out every year. Steps are also taken to purchase the computers with advanced configuration.



- The college has up-graded computers to latest configurations and installed latest versions of software on these computers.
- College plans to equip all classrooms with ICT and internet facilities.
- The college plans to provide special computer lab with internet facility to Girls and Boys hostels.
- To establish a separate language lab for students of Commerce.

STRATEGIES

- Upgradation of IT infrastructure and associated facilities on the campus is done with three views i.e.
 1. To meet the requirements of courses and programs related to education of IT and computers like B.C.A, B.Sc/M.Sc in Computer Science, etc. for their practical and demonstrations.
 2. To provide enough IT infrastructure as to enable students and staff to seek access to resources on internet for latest information and innovative research.
 3. To promote IT and computer assisted administration as to reduce use of paper.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

The figures suggest the amount in rupees:

Type Year	New Computers	Printers	LCD Projectors	Maintenance
2010-11	1250000	600000	500000	15000
2011-12	1350000	600000	500000	20000
2012-13	1505000	600000	600000	25000
2013-14	2000000	600000	600000	25000
Total	6105000	2400000	2200000	85000

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

- The institution regularly upgrades ICT resources on the campus to keep abreast with changes on various levels.
- Number of computers and LCD projectors are increased every year.
- To ensure maximum use of ICT resources like ICT classrooms, internet facilities etc. in classrooms, the time table of college is designed in a way



which offers opportunity to each teacher to enhance her/his class with tools like audios, videos and PPTS.

- Students use ICT facilities to a large extent for their project work and assignments.
- Department of Computer Science has developed software through which record of various activities like research, academic and extra-curricular activities, is maintained. Teachers need to maintain their record online and update it regularly from the PCs provided at their departments.
- Access to language lab is scheduled in a systematic way by keeping in mind teaching hours of different faculties like Commerce, B.B.A, B.C.A, Arts at UG level and PG level.
- Certain classes of optional English papers are engaged in language laboratories which facilitates the learning.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

- The institution has up-graded computer laboratories with internet connectivity. The classrooms are equipped with LCD projectors.
- Faculty members prepare presentations on various topics related to the curriculum by making the use of ICT tools.
- The entire campus is networked; students and teachers use internet facility.
- Online Tutorials/Videos are used by the faculty and students which make the class more interactive.
- Resource material like Power Point Presentations made by the teachers is also available for reference.
- College has enhanced language lab with 25 consoles of ORELL.

Following are details of initiatives taken by the institutions to enable the teaching-learning process with ICT by keeping the student at the centre.

Sr. No	Particulars	Quantity	Budget
01	Enhancement of Language Lab.	25	11,00,000
02	ICT classrooms	14	40,00,000
03	Computers at Library	23	11,10,000
04	Computers for all departments(including computer laboratories)	619	70,20,000



4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

College avails of the National Knowledge Network connectivity directly. It subscribes for N-List. The Project entitled "National Library and Information Services Infrastructure for Scholarly Content (N-LIST)", being jointly executed by the UGC-INFONET Digital Library Consortium, INFLIBNET Centre and the INDEST-AICTE Consortium, IIT Delhi provides for i) cross-subscription to e-resources subscribed by the two Consortia and ii) access to selected e-resources to colleges. College pays its subscription fees every year. The use of the resources is done for references from E-Journals and e-Books.

The relevant details about available resources like e-books, e-Journals and data regarding the use of it during 2010 - 2014, are as follow:

Particulars	E-Journals	E-Books	Downloads	Prints
Details	American Institute of Physics (18titles), American Physical Society (10 titles), Annual Reviews (33 titles), Cambridge University Press (224titles), Economic and Political Weekly (EPW) (1 titles), Indian Journals (180+ titles), Institute of Physics (46 titles), JSTOR (2500+titles), Oxford University Press (206 titles), Royal Society of Chemistry (29 titles), H. W. Wilson (3000+ titles)	Cambridge Books Online (1800 titles), E-Library (83000+titles), EBSCOHost-Net Library (936 titles), Hindustan Book Agency (65+ titles), Institute of South East Asian Studies(ISEAS) Books (382+ titles), Oxford Scholarship (1402+ titles), Springer eBooks (2300 titles), Sage Publication eBooks (1000 titles), Taylor Francis eBooks (1800 titles), Mylibrary-McGraw Hill (1124 titles)	57690	24466



4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Institution keeps record of all kinds of curricular and co-curricular changes and upgradation in various academic aspects. Accordingly, it allocates financial resources to strengthen the activities and their continuity is taken care of. College has technical support staff for maintenance and upkeep of facilities like furniture, computers and certain types of equipments. Services for maintenance of building, certain equipments, ground, campus, etc are outsourced.

Following are the details of the budgetary and actual expenses done towards maintenance of building, furniture, equipments, computers and other electronic equipments, lab equipments, etc.

Year	2010-11		2011-12		2012-13		2013-14	
	Budgetary	Actl. Expn	Budgetary	Actl. Expn.	Budgetary	Actl. Expn	Budgetary	Actl. Expn
Building	1000000	878777	1000000	742616	700000	871418	700000	1645035
Furniture	100000	76455	100000	87616	100000	115642	125000	66751
Equipment	100000	119262	100000	45116	100000	102689	125000	64767
Computers	15000	21890	20000	28080	25000	64127	25000	37720
Other	20,0000	00	200000	00	200000	00	200000	457273
Total	1415000	1096384	1220000	903428	1125000	1153876	1175000	2271546
Grand Total	Budgetary				4935000			
	Actual Expenditure				5425234			

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

- The college takes necessary care and precaution towards the maintenance of its infrastructure, facilities and equipments.
- Annual maintenance contract for biotech equipments are made with manufacturers.
- Water and drainage line are regularly maintained.
- Cleaning work at college is outsourced and a team of workers including ladies staff undertake the work of cleanliness of the campus early in the morning, afternoon and in the evening. They collect the garbage and it is disposed in a systematic way.



- Electric fittings are regularly checked and replaced whenever necessary by the three electricians appointed in the college. They are always on their rounds to check electric fittings and promptly attend to all staff whenever there is a need for their services.
- One plumber and two building super-wisers look after building maintenance and sanitation facilities.
- Colour and patching of the college premises is undertaken on an annual basis.
- Housekeeping and cleaning contract is made on yearly basis.
- Furniture including benches, desks, tables, cupboards and chairs are repaired and some are replaced by two permanent carpenters appointed by the college.
- There are two computer technicians who look after the work of proper functioning of computers, printers and servers.
- Technicians are called for repairs of LCD, computers, laboratory equipments and apparatuses.
- The college has also appointed a gardener.

Following are the details of contracts made for maintenance of infrastructure.

Sr. No	Particulars	Service Supplier	Duration	Charges (in Rs)
01	Campus Cleanliness & sanitation	Sai Man Power Services	01 year	20000 per year
02	Xerox, Printers, Computers	Shree Sales Corporation, Aurangabad.	01 year	At actual
03	Tendering & watering playground and garden	Gaurav Abhishek Furgsson	01 year	35,000 per month
04	Generators	Dickson Engg. Corporate Ltd	02 years	9000 per year
05	Water purifiers & Coolers	Sharma engg	01 year	At actual
06	Hostel Maintenance	M/S Patil J. A. and Vomlear tech. power service Aurangabad	01 year	7000 per year.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

- Calibration of equipments by technical experts is carried out as and when necessary.
- In department of Biotechnology and Bioinformatics a routine daily calibration of equipments like pH meters, autoclaves, Incubators, etc are carried out by faculty members only.
- Fire Safety Equipments are checked by **CEASEFIRE INDUSTRIES LTD. Nashik- 422011.**



- Some of high end equipments are self calibrating.
- Most of the instruments are calibrated as per the guidelines given in their manuals.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

- Maharashtra State Electricity Board has provided the college with a dedicated express electric line. As such, there are no voltage fluctuations.
- College is replacing tube and bulbs with CFLs which ensure less consumption of energy and durability.
- College has a diesel operated three generator of capacity 25 KVa each.
- Uninterrupted power supply using inverters are installed in many departments.
- Similarly the Municipal Corporation of Aurangabad has provided a steady water line to the college.
- College has huge water storage tanks which give constant supply of water.
- College has a dugwell with good source of water.
- College also does recharging of the borewells on the campus and rain water harvesting.



CRITERION: V

STUDENT SUPPORT AND PROGRESSION

The present criterion deals with the efforts the college undertook in order to bring about the changes on various grounds as to provide students with necessary assistance to acquire meaningful experiences for learning at the campus. The efforts made by the college also correlate with the mission and vision of the institute.

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/hand book annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

The college does publish a comprehensive prospectus cum brochure that contains an admission form. It contains all necessary information about the courses, various facilities, units like NCC, NSS and various schemes like 'Earn n' Learn', fees structure for various courses & hostels. The college website also displays announcement of admission. The entire admission procedure is conducted on-line. The college also publishes separate prospectus for bio-sciences. It consists of information about B.Sc Biotechnology, B.Sc Bioinformatics and M.Sc in Bioinformatics, Biotechnology, Microbiology and Biochemistry. The separate publication of the prospectus helps the college to provide adequate information about the sciences.

Following information is made available to students and public through the information brochures:

Messages :

The messages of the president, the secretary and the principal of the institute are printed welcoming the students to the college and assuring them good quality education.

The Vision & Mission :

The vision and the mission statement of the institution are printed in the prospectus. The widespread network of education and the milestones of the institution are summarized.



Strength:

A brief history of the college, highlighting its re-accreditation status, academic and infrastructure development, students support services and guidance services, is provided. 'Student life at Deogiri College and after Deogiri College' consists of brief information about N.C.C. and N.S.S. units, sports facilities, incentives and scholarships, co-curricular and extracurricular activities, Gandhian Study Centre, social enlightenment, women empowerment cell and earn and learn scheme, counseling centre for students, career and placement cell for campus interviews and study centres for competitive examinations.

Programmes and Courses:

The details of the programs, courses, course structures, course curricula, eligibility criteria for graduate degree programs, post graduate degree programs, post graduate diplomas, certificate course structure, vocational degree program, diploma and Ph.D programs are provided as per the guidelines by state government and the affiliated university. An introduction of various allied facilities available to students such as laboratories, seminars and conferences, fitness center, students' council, physical education and sports, canteens and extension counter of the bank is given.

Admission Procedure and Code of Conduct:

The college carefully structures the prospectus maintaining the various kind of information. It is to provide the information about the college and its courses in a better form so that more students are attracted towards the college for admission. The care is taken to make it more reader friendly. We have introduction of the departments and departmental activities, admission procedure for different degree courses, rules and regulations pertaining scholarship, facilities in research, rules of code of conduct, information about various scholarship and prizes, faculty details and important college contact numbers.

Calender on Major Events and Activities – Curricular and Co-curricular:

The brochure contains academic calender that gives idea to students about the major events and activities to be arranged in the academic year. It also offers information about various short term courses and diploma courses. The information about Placement and Career Guidance Cell and schedule of its activities give idea to students about the job opportunities through campus interviews.

Ensuring Commitment and Accountability:

Deogiri College constantly reviews and update the prospectus/brochure of information annually. Feedbacks received from various stakeholders



incorporate positively improving the contents of the prospectus. Besides it, constituents like Academic Council, Coordination Committee, etc also come up with suggestions to improve the information quality in the prospectus.

5.1.2 Specify the type, number and amount of institutional scholarships /freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

Deogiri College encourages students by providing freeship and fee concessions for poor and needy students. The financial aids are disbursed on time every year.

Sr. No	Type of financial aid	2010-11		2011-12		2012-13		2013-14	
		Stud.	Amt.	Stud.	Amt.	Stud.	Amt.	Stud.	Amt.
1.	Sports students	03	5610	03	1800	10	14395	13	314135
2.	Hostel Students	00	00	00	00	00	00	00	00
3.	Freeship to Staff Ward	03	4000	03	8500	03	4500	06	18800
4.	Freeship	105	193505	45	81405	237	392575	48	137895
5.	Research Projects	-	-	-	-	54	1,14,803	48	99,076
Total		111	203115	51	91705	304	526273	114	569906
Grand Total		No. of beneficiaries				Total Financial Aids			
		581				Rs. 1390999			

In this way, during the last four years, ten lakh ninety eight thousand six hundred and ninety nine rupees were disbursed to 580 students.

5.1.3 What percentage of students receives financial assistance from stategovernment, central government and other national agencies?

The following are the details of the scholarship year wise: (Following head entitled 'institutional' indicates the scholarship/freeship offered by the college)

Sr. No.	Type of Scholarship	2010-11	2011-12	2012-13	2013-14
1.	Scholarship	24.14%	44.35%	47.34%	36.91%
2.	Free-ship	5.26%	7.53%	11.59%	15.64%
Total		29.4%	55.94%	58.93%	52.55%



5.1.4 What are the specific support services/ facilities available for students from SC/ST, OBC and economically weaker sections?

- **Students from SC/ST/OBC and economically weaker sections.**

Full fees scholarship/free ship, admission reservations, marks-relaxation for admission, as per the rules of UGC/Maharashtra Govt. norms are provided to students from SC/SC/ OBC categories. SC/ST/OBC. They are also provided with the free books from Book Bank, etc. College library gives them the photocopies of the certain part of the books free of cost. Following are the details of scholarships given to merit holders and students belonging to the weaker section of society.

Sr.	Name of the Scholarship	Amount yearly(Max)
1	Open merit Scholarship of State Govt.	360.00
2	G.O.I. Scholarship	As per Govt. Norms
3	G.O.I. free ship	Full fee concession
4	Eklavya Scholarship P.G. level	5000.00
5	Rajshri shahu maharaj Scholarship	3000.00
6	Minority post Metric Scholarship	As per Govt. Norms

- **Equal Opportunity Centre:** The college has streamlined and regularized the activities of the centre. It organizes various programmes to create awareness about equality on various basis like gender, economy, class, etc. It organizes various programmes under the title. It organized an intensive programme for 12 days in 2013-14. It included interdepartmental opportunity awareness program, visits to governmental offices providing various social services, banks, nearby villages, MECD, museum, etc.

- **Students with physical disabilities**

Brail machine and Low Vision Software for blind and partially blind students are made available in the library. A three wheeler scooter is provided by the college to a physically disabled student. Fees concession is also provided to physical disabled students. There are total 08 physically challenged students that took education in the college during last five years. **Miss Pardeshi Renuka** studying in M.A. II year has been provided with four wheeler scooter. The students like **Mr. Hindule Nandkumar Bhagwan**, are visually challenged. They provided facilities like brail machine and Low Vision Software. All physically challenged students are given fees concession. In the year, 2013-2014, physically challenged students like **Aute Jija Ashok, Bombale Ravindra Ashok, Hindule Nandkumar Bhagwan, Marathe Kaumudi Vinayak and Marathe Ruchira Vinayak** received financial support from the college.



- **Overseas students**

There are two overseas students studying in the college.

- **Students to participate in various competitions/ National and International?**

Adequate infrastructure is provided to the students preparing for various competitions. It includes gymnasium, hall for practicing's cultural performances, playground, a special cell is formed and its committee members guide to the students for debate and elocution competitions, required infrastructure is provided by the college i.e. books and magazines from library, net facility and financial support.

- **Medical assistance to students: health centre, health insurance etc.**

College has established a health Centre in its campus. A lady doctor has been appointed for medical services students. It has been proving very helpful for hostels students especially for girl students. The doctor is available in the centre from Monday to Friday during 9.00 am to 01.00 pm.

College organizes medical check-up camps for students, guest lectures of well known medical practitioners and Yoga teachers, guest lecture on mental health and stress management. College also organized special guest lectures of gynecologists and yoga teachers for the girls. First-Aid boxes are available with all departments especially in laboratories. The response of students to Yoga Camps had been outstanding in the last four years:

Sr. No	Yog Shibir Title	No. of beneficiaries	Date
01	Yog Sadhana Shibir	60	03 to 31 Dec, 2010
02	Yoga for Girls	30	10 to 15 Jan, 2011
03	Yog Shibir in associatin with Bihar School of Yoga, Munger, Bihar	1350	26 to 28 April, 2013
04	Yoga Shibir	60	15 to 20 Feb, 2015

- **Organizing Coaching Classes for Competitive Exams:**

Placement and Career Guidance Cell organizes programmes of eminent persons in police and civil services. Their guidance proves motivating. Besides it, college has signed an MoU with Apex Career Point a professional coaching centre for competitive exams. The centre offers the college students very nominal fees. It proves very helpful especially for the economically weaker students. Since it is run in the premises of college, the girl students from college hostels prefer the centre and they need not go outside for such coaching. It is advantageous to them. The centre provides coaching for PSI/STI/MPSC/UPSC and other competitive examinations. It resulted into **155** students qualifying various exams of MPSC, UPSC, Army and DRDO.



College also organizes different programmes on various occasion where expert and renowned scholars present their discourses which helps in motivating students for career development. For example, the Department of Commerce organizes a guest lecture of a renowned scholar, Ex. Director of bank, CA, entrepreneur or a businessman in the beginning of very academic year. Different cells at college also organize guest lecturers of class one officers and officers selected in different competitive examinations.

A facility of books and magazines for different competitive examinations and computer with internet facility is provided in central library. It results in motivating students for preparation of competitive examinations and different types of employment.

- **Skill development (spoken English, computer literacy, etc.,)**

The affiliated university has tie-up with INFOSYS, Bangalore under which the teachers from the affiliated colleges are trained to train students for the industry. It is called **Train the Trainer Program** of INFOSYS' **Project Genesis**. Three teachers from the college have received the training in two categories of communication and soft skill enhancement and analytical skill development. The activity has resulted positive outcome. A certificate course in Advanced Business English is offered to train the students for industries like BPO and other.

Teachers who received the training for ten days at Infosys campus, Hingewadi, Pune:

Sr. No	Name of the teacher	Specialization	Year
01	Dr. U.V. Panchal	Analytical Skills	2012
02	Mr. Sandip Vanjari	Analytical Skills	2013
03	Mr. Vishnu Patil	Communication Skills	2012 – 2013

The placement record:

Year	Name of Company	Placement		Placed at
		Students selected	Students enrolled	
2012 – 2013	INFOSYS	23	65	Pune
2013 – 2014	INFOSYS	15	70	Pune
2014 - 2015	INFOSYS	22	50	Pune/Mysore

Besides this, college also organizes motivational workshops and guest lectures on development of communication and other skills. C.Ds of communication



skill, personality development, time management and other are available in central library for the students. Department of English conducts communication skill development programmes. A separate language laboratory and computer laboratories for students are available. Home science department runs short-term courses for skill development i.e. Indian hand embroidery and Nutritional counseling for students as well as teachers.

- **Support for “Slow Learners”**

Remedial Coaching:

College has regularized remedial coaching and bridge courses as a part of necessity. The departments identify the slow learners and analyze the reasons of problems in learning of them. Accordingly, they are given remedial coaching. Student mentoring programmes proves helpful in this regard. The following are some of the departments offering remedial coaching.

Sr. No	Name of the department	Key Issues
01	Dept. of Mathematics	Basics of sets, operation on sets mapping, continuity, limits, etc.
02	Dept. of English	Grammar, word power, phonetics, etc
03	Dept. of Bio-sciences	Basics of biotechnology, microbiology
04	Dept. of Commerce	Basic concepts in accounting, taxation, etc.
05	Dept. of Physics	Basic theories in Physics

Motivational Bridge Courses : Besides the regular bridge courses in various subjects, the college also hosts special bridge courses in association with prominent institutes and associations. The college organized such event entitled **Motivational Bridge Course in Mathematical Methods in Physics and Laboratory Practices**. It was organized by the Department of Physics, Deogiri College for I and II year B.Sc students in association with **Indian Association of Physics Teachers RC-8** during 15th June to 9th July, 2011. It was sponsored by **Indian Academy of Sciences (IAS)**, Bagalore, **Indian Science Academy (INSA)**, New Delhi, **National Academy of Sciences, India (NASI)**, Allahabad.

- **Exposures of students to other institution of higher learning/ corporate/business house etc.**

Industrial visits are arranged to different industries/business houses, trade fairs, institutes of higher learning such as Dr. B.A.M. University, Aurangabad etc. Departments organize study tours and industrial visits which enables the students to get first-hand experience. Interactive sessions with chartered accountant, entrepreneurs, and professionals are organized to motivate the students' for starting new ventures.



Details of industrial visits and educational tours

Department	Students Participated	Places Visited	No. of Days
Computer Science, Information Technology and BCA (Science)	13	Infosys, Pune	02
Computer Science, Information Technology and BCA (Science)	40	Alibagh	01
Computer Science, Information Technology and BCA (Science)	28	Sinhgadh, Pune	01
Computer Science, Information Technology and BCA (Science)	32	Murud Jangira,	02
Computer Science, Information Technology and BCA (Science)	25	Sindhudurg	02
Computer Science, Information Technology and BCA (Science)	32	Alibagh	03
Psychology	20	Derda Tal. Gangapur	01
Psychology	14	M.R. School, Valadgao, A'Bad	01
Psychology	35	Mental Health Centre, Padegaon, A'bad	01
Psychology	35	Arts & Science College, Kannad, Aurangabad	01
Sociology	11	Shimla	09
Sociology	49	RaleganSiddhi	01
Sociology	13	Nanital	10
Sociology	14	Kashmir	10
Botany	62	Bhandardara	02
Botany	62	Jaisalpur	05
Geology	45	Goa	07
Geology	37	Ajantha	02
Geology	39	Kokan	04
Microbiology	34	Tarkarli, Malran,	04

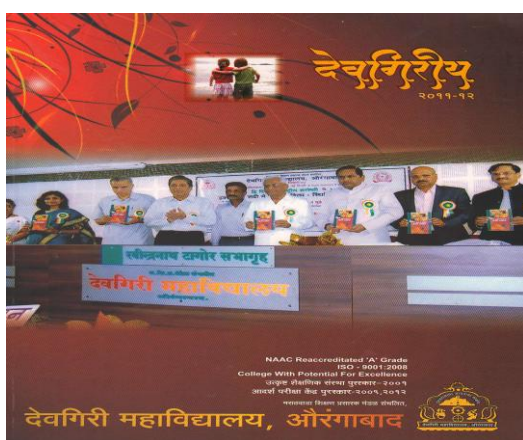
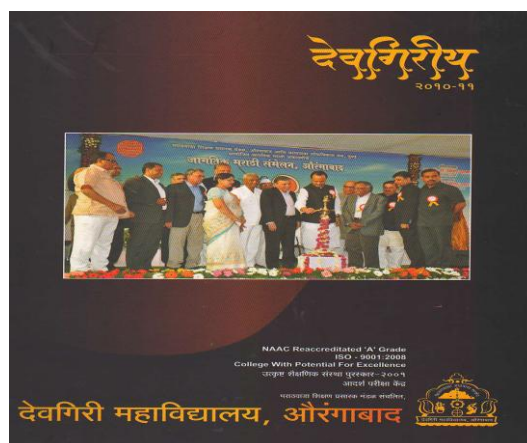
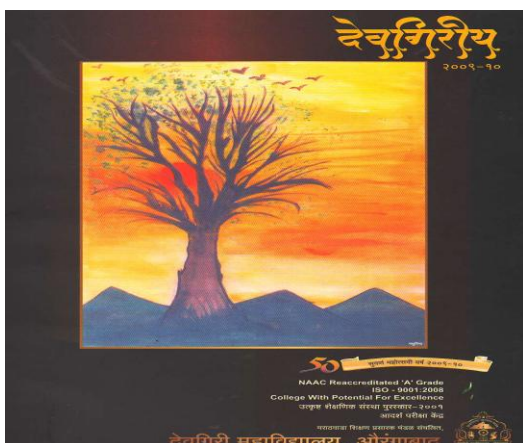


		Sindhudurg, Ambole	
Marathi	17	Pandharpur, Kolhapur, Goa, Panhala	04
Marathi	15	Nashik, Trambakeshwar , Kolhapur Aalandi, Sajjangad, Pandharpur	03
Commerce	110	Eknnath Sahkari Sakhar Karkhana Ltd., Paithan.	01

- **Publication of student magazines**

Every year college published a magazine for students called as ‘**Devgiriya**’. It is an ideal platform for the creativity of the students and to develop their writing skills. Articles, Poems, Essays and Pictures for the magazine come from the students. Cover page of the magazine is also designed by the students. Departments also publish newsletters highlighting the activities and achievements of the department. This gives an opportunity to students to show their writing skills. Students also work as Student Editor of respective sections like Hindi, English, Marathi & Sanskrit. As a result, there are four students editors every year. The list of the students working as the editor during 2013-14 for the respective sections is as follows:

Sr. No	Name of the Student	Class	Section
01	Satish Padul	B.A. II	Marathi
02	Ravi vishwakarma	B.Sc. II	Hindi
03	Shradha Joshi	B.A. I	English
04	Rameshwar Kale	B.A. I	Sanskrit



5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

College conducts guest lectures of successful entrepreneurs. Visits to industries, training programmes for entrepreneurship development are organized by the Department of Commerce. Vocational degree programs such as Jewellery Design and Gemology, Multimedia & Animation and Diploma and certificate courses like Professional Accounting and Diploma in Business Management are introduced. These courses mainly aim at enhancement of students' entrepreneurial skills.

Following are the details of programmes organized by the Department of Commerce for the college students for development of their entrepreneurship skills.

2010-2011				
Sr. No.	Date	Subject	Guest Faculty	No. of Stud.
01	01 Jan.10	Interaction with Successful	Mr.Ram Bhogle, Director, Nirlep Industries Pvt. Ltd.,	260



		Entrepreneur	Aurangabad.	
02	31 Aug.10	Opportunities in Entrepreneurship	Mr. Ajit Thete, Jt. Director, Technical Education, Aurangabad board.	280
03	31 st Aug. 10	Interaction with Successful Entrepreneur	Mr. Devanandji Kotgire, Director, Disha Constructions Pvt. Ltd., Aurangabad.	280
04	13 th Jan. 2011	'Entrepreneurial Skill' Guest lecture.	Mr.Bhingaldev Dipak Sr.Project Officer, MCED, Aurangabad	150
2011-12				
01	13 th Jan.2012.	Preparation of Project Report	Mr.Bhingaldev Dipak Sr.Project Officer, MCED, Aurangabad	150
02	27 th Feb.2012	Exhibition and Sales of Retail Management	Exhibition cum Sale	50
2012-13				
01	14 th Aug.2012	One day Workshop on 'Universal Law of Success'	Nikhil Sakhare, Councilor	170
02	8 th Feb. 2013	Guest Lecture on Successful Entrepreneur	Mr.D.U.Thawre Sr.Project Officer, MCED, Aurangabad	150
2013-2014				
01	19 Aug.13	DMIC & It's Impact on Development of Marathwada Region	Mr.Mansinghji Pawar	265
02	18 th Jan 14	Guest lecture on 'How to set up a venture'	Mr.D.U.Thawre Sr.Project Officer, MCED, Aurangabad	160
2014-2015				
01	14 Sep.14	Entrepreneurship Development Programme "Shunya Se Shikar Tak"	Mr.Sandeep Nagori-Ex.President MASSIA, Mr.Sirish Loya, Leading Industrialist & Process Consultant Mr.Vivekanad Koranglekar, Prominent System Consultant	120
02	10 th Dec. 14	Investment Awareness Programme 'STOCKMIND'	Mr. Amit Kadam, Regional Marketing Manager, ICICI Securities Ltd., Pune	250
03	21 Jan.15	Regarding Entrepreneurship Awareness Programme(EAP)	Mr.D.U.Thawre Sr.Project Officer, MCED, Aurangabad	240



Department of Computer Science organized two day entrepreneurs development technical programme in association with Maharashtra Centre for Entrepreneurship Development, Aurangabad on 06 & 07th August, 2010.

Home science department run short term courses to develop skill of Indian hand embroidery and Nutritional counseling. Entrepreneurial events i.e. exhibition and sale, are organized by the Department of Home Science. In such programmes students sell their products. Following are the details of programmes organized by the Department of Home Science:

Sr. No	Name of the Programme	Name of the Experts	Date
01	Art Exhibition cum Sale	Dr. Mohini Sawant	22/02/11
02	Nutrition Day	Dr. Jayashri Godse	12/08/12
03	Batik & Madhubani Demonstration and Guidance about Professional Painting	Prof. Anita Agarwal	03/10/13
04	Strategies of Food Preservation	Prof. Alka Joshi	06/01/15
05	Combination of Traditional and Innovative Hand Embroidery	Prof. Anita Agarwal	23/02/15

In the annual gathering the event 'Aanandnagari' provides an opportunity to the students to organize 'food fair' and 'fun fair' in which students of all departments participate, display and sell out the products. 'Earn and Learn' scheme of the college provides opportunities to the students to earn while learn. For example, students work as technical assistants at of virtual classroom, assist in reading room, library and offices.

College started 17 certificate courses like Course in Professional Accounting under Career Development Programmes.

5.1.6 Enumerate the policies and strategies of the institution, which promote participation of students in extracurricular and co-curricular activities such as sports, games, quiz competitions, debate and discussions, cultural activities etc.

- To promote extracurricular and co-curricular activities, college enumerates different strategies i.e. admission committee focuses on selection of extracurricular activities right from the time of admission.
- Different cells always take efforts, for example in the month of June NCC staff members and students display the information, activities and opportunities of NCC to encourage new students, NSS Programme Officers also display notice and distribute the forms to the students from all the faculties and encourage them to participate in social activities.



- College also encourages students to organize department wise activities such as welcome function, Teachers' Day, Literary Associations, Science Association and Commerce Association programs etc.
- Departments of Sports and Physical Education organizes inter-collegiate competitions such as Sport tournament - ICT Weight Lifting, Power Lifting & Best Physiques Tournament, ICT Basketball ICT Judo, etc.
- Essay Writing, Poetry Recitation, Elocution and Debate competition, Poster Competition are regularly organized. Students also participate in inter-collegiate competitions such as student seminars elocution and debate competition. Different competitions by the Departments of Music and Drama are organized. Students who are selected at college level participate in different state level and national level competitions of drama, music, sports, elocution, debate etc. Our students have bagged many prizes in these competitions. Students receive incentives from management to participate the events.

- **Additional academic support :**

In order to receive highest performance from students, the college provides additional academic support in different forms. They are given personal attention by teachers in case, they their classes. Extra personal coaching and guidance also provided to students who participate in inter college competitions by the concern subject teachers. Exemption in class tests and attending classes are given to the students participate in intercollegiate competitions.

- **Special dietary requirements, sports uniform and materials**

College offers cash prizes and freship to the meritorious students in various events. This encourages sports students to give their best on the field. Department of Sports and Physical Education possesses quality sports equipments, provides refreshment allowance in addition to other allowances to meet dietary requirement. Regular fitness assessments are conducted in order to assess the impact of regular sports programs. T-shirts to Sports, NSS and NCC students are given by college. They are provided with sport kits and sport materials like hockey kit, cricket kit, archery kit, football kit, hollyball kit, etc.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central/State services, Defense, Civil Services, etc.

The College has a Placement and Career Guidance Cell that provides guidance on various job opportunities available to the students after their



graduation or post graduation. In addition to this, different departments on different occasions arrange guest lectures, discussions of eminent persons from different fields, entrepreneurs, Chartered Accountants, ex. bank officers, etc. To learn interview techniques and for personality development various interactive sessions are arranged by the different departments. Following are the details about support and guidance provided by different activities:

Event organizing body	Nature of the event
Dept. of Commerce	Guest lecture Series for students preparing for CS and CA exams.
Dept. of History	Talks by eminent historians, social worker help students preparing MPSC/UPSC exams.
Science Departments	Talk by eminent scientist and research scholars help students to prepare for JAAM, entrance exam of Central Universities, etc.
Department of English	Offers Certificate Course in Advanced Business English and sessions on preparation for campus placement help students for placement in the companies like INFOSYS, WIPRO, CINTEL, TCS, etc.
Placement and Career Councelling Cell	Organizes various orientation programmes for students for placement by various companies.

Number of Students passed in SET, NET, MPSC, UPSC, Banking exams, etc:

Sr.No	Exam Name	010-11	2011-12	2012-13	2013-14
1.	UGC-CSIR-NET	06	14	05	07
2.	UGC-NET/SLET/PET	09	12	21	31
3.	GATE	00	02	02	00
4.	BANKING	06	08	14	07
5.	CAT/CPT/CA/CS/ICWA	25	32	35	38
6.	GRE	01	-	-	-
7.	Central Services (IPS, IS, Staff selection, Post and Various Govt. Dept.)	01	04	03	09
8.	State Services (PSI, STI etc. all state govt. dept.)	59	60	64	82
9.	Defense Services (Army,Airforce, DRDO)	06	04	04	27
10.	Self Employed	218	270	330	307
11.	Employment in Private Sector	206	203	226	295
Total		537	609	704	803
Grand Total		2653			



5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

Academic counseling:

Every year at the time of admissions a separate committee works for the academic counseling, which provides guidance for selection of the subjects, scope and importance of the different subjects. Different departments arrange seminars and workshops for the academic counseling of the students.

Personal Counseling:

Every department has Student Mentoring programme. Students are divided among the available faculty in the department. Students seek guidance and counseling as when required from their mentors. This activity helps students to express their ideas and share their problems with their teachers on various personal issues. Department of Psychology renders this service under “Disha Counseling”.

Career Counseling:

Placement and Career Guidance Cell offers career counseling to the students. The cell arranges different seminars and workshops for career counseling. It also invites experts from industries like INFOSYS. Programmes organized by Commerce Association, Science Association, Social Science Association, etc also result in motivating students for better opportunities in career making.

Psycho-social Counseling:

The college invites resource persons and professionals for professional and psychological counseling. Social counseling is done through the department of NSS and other social activities of the college. NSS department provides social counseling to the students through different activities of annual camps in villages where students discuss with rural peoples on their problems.

Following are the details of various counseling sessions:

Sr. No	Name of the department	No. of programs	No. of beneficiaries
01	Dept. of Home Science	82	211
02	Counselling Centre, Dept. of Psychology	21	1290
03	Health Check Up Camps	02	365



5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programs).

A placement officer **Mr. Jitendra Jha** (MBA in HRM) looks after all the placement activities of the institution. Final year students registered themselves with the cell. They keep in contact with the cell. The cell publishes the schedule of campus selection and with details of eligibility criteria.

The cell organizes various seminars and workshops to train students to face interviews and group discussion. It organizes various mock tests, talks of experts, guest lectures of different representatives of companies and pre-campus workshops. Campus interviews are arranged by this cell and students are informed and encouraged for off campus interviews as well by the cell.

Campus Placement:

Academic Year 2011-2012			
Sr.No.	Name of Companies	Students Appeared	Students Selected
1	WNS –Glonerana, Hyderabad	75	15
2	Rashtrawadi Nawakari Mohasav	2000	50
3	WIPRO WIMS	450	41
4	Wipro Pool Campus Fro Wins	478	33
5	IBM Global Process Services	82	17
6	Global Solutions & Career Guidance Centre	45	15
7	Perfect Job Solution, Mumbai	80	25
8	Jaju & Co. Aurangabad	20	07
9	Samarth Group, Aurangabad	41	10
	Total	3271	213

Academic Year 2012-2013			
Sr.No.	Name of Companies	Students Appeared	Students Selected
1	Syntel Co. Ltd.	289	44
2	Tata Motor Finance Ltd.	350	06
3	Infosys Co. Ltd.	377	23
4	Ajanta Publication	120	27
5	Thyrocare Pvt. Ltd.	150	12
	Total	1286	112



Academic Year 2013-2014			
1	Infosys Co. Ltd.	250	15
2	Nirmal Seeds	40	05
3	Wipro Ltd.	200	9
4	Infosys Technical	110	02
	Total	600	31

Academic Year 2014-2015			
1	Tech Mahindra	110	03
2	WIPRO	377	40
3	Infosys	307	22
4	Electronic Finance Limited	47	05
5	Wipro LTD	129	03
6	Minacs PVT. Ltd	56	14
7	Tata Consultancy Services	286	09
8	Grainotech Industries LTD	40	08
9	Accel frontline PVT Ltd	06	02
	Total:	1358	106

Individual Placement			
	Name of Companies	Students Selected	Post
1	Reliance Life Science	03	Production Assit.
2	Encore Paithan	03	Trainee in QC
3	Nath Bio Genes(I) Ltd.	02	Supervisor
4	Wockhardt Bio. Park	03	Production Assit.

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes, college has Student Grievance Redressal Cell. The Principal is the chairman of the cell and he is assisted by the vice principals. Students bring their problems to the cell. Taking into consideration the gravity of the issue, the cell calls for meeting and resolves the problems to utmost satisfaction of the students. .

There was a case regarding the conjunction of parking area. Students complained about the irregular parking lots. The cell held meetings with the contractor who looks after parking management. After the instructions by the cell, there had been no issue regarding any irregularity of parking lots.



5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

College has a separate committee named 'Vishakha'. This committee organizes different programs and guest lectures to create awareness and provide information regarding sexual harassment and discrimination. The committee is headed by a lady teacher.

- There was a complaint by a girl student that a boy troubled her by sending SMS. The case was carefully handled by the committee. The role of vice principals was very helpful. They came up with positive results.
- Girls students from girls' hostels complained about the lack of street lights near the college. It became troublesome for them to attend different classes in the city in late evening. The bulbs of the street lights were broken. The committee reported the matter to Municipal Corporation, Auranagabad. The corporation acting positively installed the new bulbs and they fenced the bulbs. This action proved very precautionary for any possible problems to girls students.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

There is an Anti Ragging Committee. The Committee is constituted on the guidelines established by the Supreme Court of India. The Principal of the college is the convener of the committee comprising of five members. Ours is an institute offering traditional courses and most of the students hail from rural areas. It is the matter of positivity of the thought that we are never troubled by any instance of ragging by students. A friendly atmosphere among students is nurtured on the campus and it always helps in leaning process of students in peace and harmony.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

There are number of schemes through which the institute helps needy, physically challenged, poor students and the students participating sports or cultural events. College funds students' projects. Poor students especially girl students are given concession in hostel fees. Remedial coaching, workshops and training sessions are organized for students regularly. College provides students with limited access to WiFi facility. Students are charged only five rupees to get the services of the **Health Centre** at the college. Besides it, the doctor visits girls hostel on Sundays. College also organizes free medical check-up camps every year.



- College has ‘Earn n’ Learn Scheme.
- Equal Opportunity Cell.
- Students are provided with financial support for their projects.
- The wards of staff are given freeships.
- Sports students are given financial support for attending the events and they are also offered fees concession.
- The Apex Career Academy at the college offers fees concession to college students to attend their various batches.

5.1.14 Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

Yes, the Alumni Association is registered. It has a well defined body of its members. Every year alumni meet is held in the month of February.

Contribution of alumni to the growth and development of institution :

The alumni of the college contribute directly and indirectly in the development of the college. Chartered Accountants, professionals, industrialists, artists, academicians in different colleges and university, guide students through guest lectures and workshops and share their working experiences for enrichment of the current students.

- College is proud to have distinguished alumni i.e. MLAs, Industrialists, Singers, Chartered Accountants, Class One Officers etc. They always motivate students by remaining present for the different programmes held at college.
- Some of the NCC Alumni always guide and motivate the present NCC cadets at the time of Independence Day and Republic Day and increase national integrity amongst the students.
- Some of the Ex. NSS volunteers visits to the annual NSS camp share their experiences and motivate the present volunteers.

5.2 Student Progression

The progression of the student in various programmes of the institution is regularly monitored. The institution makes special efforts to reduce its dropout rate and increase its pass percentage.

5.2.1 Providing the percentage of students progressing to higher education Or employment (for the last four batches) highlight the trends observed.

Sr.No.	Student Progression	2010-11	2011-12	2012-13	2013-14
1	UG to PG	85%	85%	85%	85%
2	PG to M.Phil	05%	05%	05%	05%
3	PG to Ph.D.	01%	01%	01%	01%
4	Employed	7%	10%	9.5%	11%



5.2.2 Provide details of the program wise pass percentage and completion rate for the last four years (course wise/batch wise as stipulated by the university)? Furnish program-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

PROGRAMME WISE PASS PERCENTAGE UG					
Sr. No	Programmes	2010-11	2011-12	2012-13	2013-14
1.	B.A.	63.29%	68.00%	76.15%	80.86%
2.	B.Com.	86.21%	83.00%	77.32%	82.46%
3.	B.Sc.(Gen.)	39.00%	50.00%	40.00%	54.41%
4.	B.Sc.(I.T.)	73.91%	54.00%	55.31%	82.05%
5.	B.C.S.	75.80%	74.00%	58.13%	84.21%
6.	B.C.A.(Sci.)	79.31%	58.00%	71.42%	74.07%
7.	Biotechnology	100.00%	85.00%	96.29%	96.42%
8.	Bioinformatics	85.71%	92.00%	100.00	100%
9.	B.C.A.(Mgt.Sci.)	90.00%	79.16%	80.95%	76.59%
10.	B.B.A.	96.55%	82.92%	96.00%	76.00%

PROGRAMME WISE PASS PERCENTAGE: PG					
Sr. No	Programmes	2010-11	2011-12	2011-12	2012-13
1.	M.A. English	54.00%	56.00%	44.00%	48.00%
2.	M.A. Marathi	75.00%	88.00%	97.00%	96.00%
3.	M.A. Hindi	91.00%	92.00%	97.00%	97.00%
4.	M.A. Sociology	37.00%	94.00%	85.00%	82.00%
5.	M.A. History	86.00%	88.00%	80.00%	91.00%
6.	M.A. Pol. Sci.	62.00%	70.00%	88.00%	82.00%
7.	M.A. Psycho.	57.00%	92.00%	97.00%	86.00%
8.	M.Sc. Comp. Sci.	67.00%	66.00%	68.00%	73.00%
9.	M.Sc. IT	100%	100.00%	91.00%	89.00%
10.	M.Sc. Electronics			93.00%	100.00%
11.	M.Sc. Chemistry	50.00%	61.00%	66.00%	47.00%
12.	M.Sc. Bio-Chemistry	45.00%	25.00%		
13.	M.Sc. Biotech.	75.00%	74.00%	60.00%	63.00%
14.	M.Sc. Microbio.	30.00%	75.00%	40.00%	69.00%
15.	M.Sc. Botany	42.00%	92.00%	73.00%	67.00%
16.	M.Sc. Bioinformatics	100.00%	100.00%	50.00%	100%
17.	M.Sc. Zoology	75.00%	75.00%	100.00%	100%
18.	M.Sc. Env.Sci.	56.00%	83.00%	90.00%	40%
19.	M.Com.	58.00%	55.00%	73.00%	74%

It is observed that the completion rate of all programmes is 95% to 100%.



5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

College consistently takes efforts for the success of students in higher level of education and employment through different ways :

- Institute offers 22 PG programs on campus i.e. MA in English, Sociology, History, Psychology, Political Science, Marathi, Hindi, M.Com. M.Sc. Computer Science, Botany, Zoology, Chemistry (Analytical Chemistry and Organic Chemistry), Physics, Electronics, Information Technology, Environmental Science, Biotechnology, Mathematics, Microbiology, Bioinformatics, Geology PG Diploma in Business Administration.
- **Vocational degree programmes are started from the year 2014-15 in the subjects :-**
 - 1) Jewellery Design and Gemology
 - 2) Multimedia & Animation.

These courses are helpful for self employment.

- Remedial coaching arranged.
- Mentoring to the students for higher education. i.e. NET, SET and other competitive examinations.
- Recognized Research Centres with guides to the Ph.D. students.
- The college commenced seventeen short term courses under Career Development Programme. Following are some of the employment oriented courses.

Sr.No.	Name of the Course	Department
1	A Certificate Course in Bio-fertilizer Production	Botany
2	A Certificate Course in Professional Accounting	Commerce
3	A Certificate Course in Advanced Business English	English
4	A Certificate Course in Spoken English (lab assistd)	English
5	A Certificate Course in Nutritional Counselling	Home Science
6	A Certificate Course in Hand Embroidery	Home Science
7	A Certificate Course in Dot Net	Comp. Science & IT
8	A Certificate Course in Animation using FLASH	Comp. Science & IT
9	A Certificate Course in JAVA Programming	Comp. Science & IT
10	A Certificate Course in Chemoinformatics	Biotechnology
11	A Certificate Course in Plant Tissue Culture	Biotechnology
12	A Certificate Course in Bioprocess Technology	Biotechnology
13	A Certificate Course in Advanced Instruments in Chemistry	Chemistry



5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

- Though cases of failure and dropout are considerably low in the institution, there is an effective preventive mechanism executed through Student Mentoring System. Faculties guide, motivate and support student lagging behind in academic performance.
- Personal guidance of the concerned subject teachers is provided to students in need of it.
- Students are given concession in hostel fees by management. It helps in ensuring their presence in the campus.
- Remedial coaching in the beginning of the academic year also results positively.

5.3 Student Participation and Activities

This institution has a range of games, cultural-music, drama and other extra-curricular activities which contribute to overall development of students. Feedback from students is used for planning and developing support services. Active student participation through students' council is encouraged.

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

Deogiri College provides all necessary facilities to its students in order to assist them preparing for various events, competitions and programmes. Fulledge infrastructure is available on the campus. Spacious playground, gymnasium and other sports facilities help students in a positive manner.

Following are the details of the range of different activities available on the campus.

Sr. No	Type of Activities	Range	Participation	
			Participation	Medals
01	Sports and Games	Fencing, Taekwondo, Kabbadi, Javeling Throw, Football, Volleyball, Basketball Table Tennis, Boxing, Kho-Kho, Archery, Pistol Shooting, Weight Lifting, Gymnastic, Athletics, Cricket, Hockey, Wrestling, Badminton, Ball Badminton, Judo, Cross-Country, Swimming, Lawn Tennis, Chess, Softball, Handball, Malakhamb, Weight Lifting, Power Lifting, Best Physiques, Boxing	809	310



		& Yoga		
02	Cultural Activities	Mimicry, One Act Play, Singing (Classical, western, traditional, regional, <i>powada</i> , etc), Dance (various folk dance, western dance), Mime, Rangoli, Painting, Collage, Skit,	629	219
03	Public Speaking	Elocution, Debate, GD	04	81

Following is the list of the few students making outstanding achievement in sports and games only at **STATE and NATIONAL LEVEL TOURNAMENTS**.

Sr. No.	Year	Name of the student	Name of the Tournament	Achievements
1.	2010-11	Mr. Borde Suchir Sandu	All India Inter University fencing Tournament, (Jamu)	Gold Medal (Team)
2.	2010-11	Miss Manshi Manohar Mahadik	All India Inter University Taekwondo Tournament (Patiyala)	Silver Medal
3.	2011-12	Miss Jennfor Rodrigues	International Level Siram Wrestling Tournament	Participated
4.	2011-12	Miss. Prachi Satish Patil	Divisional National Tournament	Gold Medal
			Under 18 State Level	2 Gold Medal
			Open Women State Tournament (Athletics Javelin Throw)	Gold Medal
5.	2011-12	Miss. Sonali Murlidhar Parerao	Open National Pistol Shooting Tournament	3 Silver Medals
6.	2011-12	Mr. Wagh Sandeep Kacharu	All India Inter University Tournament,	Silver Medal
7.	2012-13	Mr. Thorave Pradeep Bhausahab	All India Inter Uni. Fencing Tournament, Patiyala	Silver Medal
8.	2012-13	Miss.Patil Prachi Satish	Mahashta State krida Mahostav, Athletics (Javelin)Nagpur	Silver Medal
9.	2013-14	Miss. Sonali Murlidhar Parerao	57 th National Pistol Shooting Tournament, New Delhi	Silver Medal Bronze Medal
			State level Pistol Shooting Tournament, Mumbai	Bronze medal
10.	2013-14	Miss. Mukta Ravindra Magare	India Under 19 Changlar Trophy, Rachi	Participated
			Senior National Cricket Tournament, Orisa	Tem Runner up
			West Zone under 19 Cricket Tournament, Bhvneshwar	Team Winner
			Maharashtra State Cricket Tournament, Badodara	Team Winner
11.	2013-14	Miss. Kulkarni Natasha Nitin	West Zone Inter-University Table Tennis Tournament, Aurangabad	Silver medal



12.	2013-14	Miss. Patil Prachi Satish	West Zone Athletics (Javelin) Tournament, Badodara	Silver medal
			State level Women Tournament, Osmanabad	Gold medal
			Maharashtra State Krida Mahostav, Nashik	Bronze medal
13.	2013-14	Miss. Shevtekar Apurva Avinash	Women State Gymnastics Tournament	Gold Medal
14.	2013-14	Miss. Martin Jade Juliana	Maharashtra State Krida Mahostav, Basketball Nashik	Bronze Medal
15.	2013-14	Miss. Gujrathi Vidya Ashok	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
16.	2013-14	Miss. Borude Mayuri Dattatray	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
17.	2013-14	Miss. Birote Pooja Anil	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
18.	2013-14	Miss. Thote Deepali Arvind	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
19.	2013-14	Miss. Mundle Supriya Sanjay	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
20.	2013-14	Miss. Gaikwad Priya Kisan	Sr. State level Women Archer Tournament, Faltan	Silver Medal
21.	2014-15	Miss. Sonali Murlidhar Parerao	18 th National Pistol Shooting Tournament, Pune	Gold Medal
			4 th Gun for Glory National Pistol Shooting Tournament, Pune	Individual Gold Team Silver
22.	2014-15	Mr. Taksande Suraj Deepratna	Maharashtra State Gymnastics Tournament, Sangali	Gold Medal
			National Gymnastics Tournament, Hydrabad	Silver Meadal
23.	2014-15	Miss. Mukta Magare	T-Twenty Cricket National Women Tournament, Indor	Runner up
24.	2014-15	Mr.Patil Suraj Sanjay	Maharashtra State Inter-University Fencing Tournament	Gold Medal
25.	2014-15	Mr.Laghane Rameshwar Dhupchand	Maharashtra State Inter-University Fencing Tournament	Gold Medal
26.	2014-15	Mr.Aher Tushar Raosaheb	Maharashtra State Inter-University Fencing Tournament	Bronze Medal
			All India Inter-University Fencing Tournament	Bronze Medal
			Youth National Fencing Tournament, Nashik	Bronze Medal
27.	2014-15	Mr.Patil Avinash	Maharashtra State Inter-	Bronze Medal



		Ajinath	University Athletics Tournament	
28.	2014-15	Miss. Mamata Markad	Maharashtra State Jenner Tournament, Sindnurg	Gold Medal
			National level Power Lifting Tournament	Bronze Medal
29.	2014-15	Miss. Apurva Shevtekar	Maharashtra State Women Gymnastics Tournament, Nagpur	Team Gold
30	2014-15	Miss. Rutuja Mahajan	Maharashtra State Women Gymnastics Tournament, Nagpur	Team Gold

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

- **Curricular Activities: (Rankers at University Exam in the last four years):**

Year	2010-11	2011-12	2012-13	2013-14
University Ranks	10	06	11	06
Prizes at University Level	10	08	03	02

Sports & Games:

- There are **thirteen sportspersons** from the department, who are honoured with **Chatrapati Award**. It is the highest honour given by the Government of Maharashtra to outstanding sportspersons.
- Miss Vidya Gujrathi received **The Best Player of Tournament Award** in Maharashtra State Krida Mahostav Basketball Tournament in 2013-14 at Nashik.

Sr. No.	Level of the Tournament	2010-11		2011-12		2012-13		2013-14		2014-15	
		P*	A*	P*	A*	P*	A*	P*	A*	P*	A*
1.	International	0	0	1	0	0	0	1	0	0	0
2.	National	28	2	33	4	33	2	32	4	43	8
3.	State	8	2	6	3	8	6	15	11	23	8
4.	University/ Inter College	203	54	186	50	152	86	166	86	250	122
Total		58		57		94		101		138	
Grand Total		448									



- **Cultural Activities:**

Sr No	Year →	2010-11		2011-12		2012-13		2013-14		2014-15	
		P*	A*	P*	A*	P*	A*	P*	A*	P*	A*
1	University	54	15	62	11	71	12	22	07	63	19
2	State	32	16	30	15	30	50	21	17	16	34
3	Indradhanushya	02	02	03	03	02	01	06	03	06	01
4	Zonal	02	02	02	02	02	01	01	01	06	01
5	National	01	00	02	01	-	-	01	01	03	03
6	International	-	-	-	-	-	-	-	-	01	01
Total Prizes		35		32		64		29		59	
Total: 219											
P= No. of Events to Participate, A= Awards, Prizes, Achievement											

- **Public Speaking:** It has been indeed matter of great pride for Deogiri College that the college has students like **Akanksha Chincholikar, Bharat Ridlon, Nikita Patil and Jintendra Jijabrao Pawar** who have bagged prizes in almost all elocution, debate and story telling competitions held all over Maharashtra. In the last two years, they have won **76** prizes in different competitions. It

- **NCC:**

College has two units of NCC for girls and boys affiliated to Army Wing Maharashtra Directorate, Aurangabad, Group 51 Maharashtra Battalion. SD. NCC has two separate offices for units of girls and boys with capacity of 54 cadets for each unit. Adequate infrastructural facilities like offices and store rooms at campus encourage proper functioning of NCC at college. It is why college boasts its outstanding achievement.

- **Cadets' performance at B and C certificate exams:**

Sr. No	Year	Total cadets	'B'certificate		'C'certificate	
			appeared	passed	Appeared	Passed
1.	2010-11	54	32	29	22	19
2.	2011-12	56	30	26	26	19
3.	2012-13	54	37	22	17	15
4.	2013-14	48	26	22	22	22

- **Details of students participating in R.D.C, B.L.C and T.S.C.**

Sr. No	Unit	No. of students participated	Year
01	NCC (Boys)	06 (05 RDC & 01 BLC)	2010 to 2015
02	NCC (Girls)	04 (03 RDC & 01 TSC)	2010 to 2015



The NCC units regularly organize various programmes like blood donation camps, tree plantations, anti-drug awareness programmes, trekking, parasailing, celebration of birth anniversary of Bhagat Singh, etc.

Deogirian NCC cadets at civil and government services:

Sr. No	Name of the cadet	Service Field	Batch
01	Yash Ingle	Airforce (Delhi)	2010 -2011
02	Marag Santosh	Police (Jalana)	2010 -2011
03	Sunil Barballe	Revenue Dept. (Nashik)	2010 -2011
04	Arun Chilgar	Nirlep Company	2010 -2011
05	Wahule Pradip	Army (Asam)	2010 -2011
05	Nevre Pravin	Army (Mumbai)	2011 -2012
06	Amol Nagire	Air Force (Jodhpur)	2011 -2012
07	Gaikwad Laxmikant	Army (Uttarakhand)	2011 -2012
08	Ghuge Ganesh	Army (Bangalore)	2011 -2012
09	Dhandar Purushottam	Army (Jabalpur)	2012 -2013
10	Navnath Watule	Army	2012 -2013
11	Dhore Raju	Police	2012 -2013
12	Lahane Namdeo	Army (Belgaon)	2013 -2014
13	Dhale Dipak	Army (Delhi)	2013 -2014
14	Nikam Ajinath	Army (Belgaon)	2013 -2014
15	Surandkar Ganesh	Army (Belgaon)	2013 -2014
16	Ubale Ganesh	Army (Belgaon)	2013 -2014
17	Gore Gopal	Army (Belgaon)	2013 -2014
18	Bhusare Krushna	Army (Delhi)	2013 -2014
19	Digole Govind	Army	2013-2014
20	Jagrut Shivshankar	Army (Jabalpur)	2013-2014
21	Ghuge Yogesh	Army (Belgaon)	2013 -2014
22	Majarme Santosh	PSI (Yawatmal)	2014-2015
23	Ghuge Datta	Army	2014 -2015

- **NSS:**

College's is the biggest NSS unit among all colleges affiliated to Dr. B.A. M. University, Aurangabad. There are three units of NSS consisting of 300 students of which there are 200 boys and 100 girl students. It undertakes programmes like tree plantation, AIDS awareness programs, blood donation camp, anti-drug addiction programs, literacy awareness program, construction of percolation tanks at villages, water management programs, plastic collection programmes, etc.

Sr. No	Year	Studnets participated	No. of Major Activities
01	2010 - 2011	285	05
02	2011 - 2012	386	05
03	2012 - 2013	301	04
04	2013 - 2014	403	07



Details of NSS camps and its various activities are as follow:

Sr. No	Year	Students' participation	No. of Major Activities	Name of the Village
01	2010 – 2011	150	13	Mauje Karodi
02	2011 – 2012	171	11	Bhindaon
03	2012 – 2013	150	14	Adgaon
04	2013 - 2014	160	12	Pokhari
05	2014 - 2015	150	14	Babhulgaon

• **NSS students' achievements:**

Sr. No	Name of the Volunteer	Achievement	Level	Year
1	Javeed Pathan	Best Volunteer	University	2010-11
2	Javeed Pathan	Best Volunteer	State	2011-12
3	Deepali Shirsat	Republic day Parade Mumbai	State	2010
4	Bhagwan Sadawarte	Republic day Period Mumbai	State	2010
5	Wabale Shivaji	Republic day Period Mumbai	State	2015
6	Ashiwini Ingle	National Adenveture Camp (H.P)	National	2013
7	Pratibha Mule	National Adenveture camp (H.P)	National	2014
8	Tatu Arjunsingh	Digastar Management Amravati	State	2014
9	Makhmale Laxman	Digastar Management Amravati	State	2014

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

College has various companies that organize events of campus placement for its graduates. The companies like WNS –Glonerana, Hyderabad, WIPRO, Pune, IBM Global Process Services, Samarth Group, Aurangabad, Syntel Co. Ltd., Tata Motor Finance Ltd., Infosys Co. Ltd., Thyrocare Pvt. Ltd, Grainotech Industries Ltd, Accel Frontline Co.and Mahindra Tech are consulted about proper skill and professional development among students. Feedback is received from the HR teams visiting the college for placement drives. Placement and Career Counseling Cell looks after the whole process of placement right from inviting the companies to receiving feedback from them.



Feedback received from the employers both formally and informally, help in providing students with adequate information and training for their placement. The feedback taken from the departments like Chemistry, Biotechnology and Commerce also helps in improvements in curricular and syllabus designing of the short term certificate courses. The opinions of graduates of the college are also taken into consideration while making improvements on academic, infrastructure and student support services level.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazines, and other materials? List the publications/ materials brought out by the students during the previous four academic sessions.

Students publish their articles, poems and other creative material in the college magazine '*Deogiriy*'. Students represents as student editors in the magazine for each section. Besides this, students publish wall magazine, wall papers, etc on various occasions like annual day, inauguration of various associations, celebration of various days, Independence Day, Republic Day, etc.

Students are also encouraged to take part in competitions like 'Best Paper Cut Out' in which students college paper cut outs on specific subject. Their cut outs are displayed on the boards near each department.

Students working on their Ph. D studies under the supervision of the research guides available in the college have published more than **70 research papers** in various national and international journals. Following are the details of publication of few such students.

Sr. No.	Name of the Student	Title of the Journal	Name of Paper	ISSN	Course
01	Pathrikar Pramod. B	National Refereed Journal of Multidisciplinary Studies New Voices	Effect of Geohydrological character on Development of Watershed: A Case study	2231-3249. Dec. 2011	Ph.D in Geology
02	Pathrikar Pramod. B	Indian Streams Research Journal	Geological And Hydrological Study Of Phulmbri Taluka Aurngabad District	2230-7850	Ph.D in Geology
03	Mr. Satish Dake	Synthetic Communication	Sulfated tin oxide (STO): A reusable and highly efficient	0039-7911 IF: 1.06	Ph.D in Chemistry



			heterogeneous catalyst for the synthesis of 2, 4, 5-Triaryl-1 <i>H</i> -imidazole using H ₂ O:C ₂ H ₅ OH System		
04	Mr. Satish Dake	Bioorganic & Medicinal Chemistry Letters	Ionic liquid promoted synthesis, antibacterial and in vitro antiproliferative activity of novel α -aminophosphonate derivatives	0960-894X IF: 2.44	Ph.D in Chemistry
05	Ms. Sunita Shinde	Int. J. Ind. Chem., 2(2)	A Facile and Efficient Synthesis of N-aryl Imides Using Trifluoroacetic Acid	2228-5547 IF: 0.51	Ph.D in Chemistry
06	Mr. Vinod Ahirrao	Scientia Pharmaceutica	Stability-indicating LC method for the determination of Prasugrel hydrochloride in pharmaceutical dosage form	0036-8709 IF: 0.97	Ph.D in Chemistry
07	Mr. Shrikrishna D. Tupare	Letters in Organic Chemistry, 9(7)	Revisit: Eaton's Reagent Catalyzed Synthesis of mono and Bis-Chalcone Derivatives	1570-1786 IF: 0.65	Ph.D in Chemistry
08	Mr. Sunil Tekale	Iranian Journal of Chemical Society, 10 (6)	ZnO Nanoparticle-Catalyzed Efficient One-Pot Three-Component Synthesis of 3,4,5-Trisubstituted Furan-2(5H)-ones	1735-207X IF: 1.40	Ph.D in Chemistry
09	Mr. Sunil Tekale	Current Organic Chemistry	Molecular iodine: an Efficient and Versatile Catalyst for Organic Synthesis	1385-2728 IF: 2.88	Ph.D in Chemistry
10	Miss R. L. Magar	Journal of Molecular	Silica Gel Supported	ISSN 1381-1169	Ph.D in Chemistry



		Catalysis A, (374-375)	Polyamine: A Versatile Catalyst for One Pot Synthesis of 2-Amino-4H-Chromene Derivatives	IF: 3.67	
11	Dr. Meenakshi Gapat	Ascorbate effect on protein content during Nickel intoxication in the freshwater bivalve, <i>L. corrianus</i> , 3(2): 270-274, June 2012	Bioscience Discovery	2229-3469 I.F.(0.170)	Ph.D in Zoology
12	Ms.Priti N. Bajad	The effect of Nutritional supplementation with <i>Amaranthus hybridus</i> Linn. extract on economic performance of mulberry silkworm, <i>Bombyx mori</i> L.2 (4): 272-276 (2014)	Scholar Academic Journal of Bioscience	2321-6883 (Index Copernicus value: 4.24)	Ph.D in Zoology
13	Ms.Priti N. Bajad	Effect of <i>Xanthium indicum</i> L. plant extract on the economic parameters of silkworm, <i>Bombyx mori</i> , 5 (3): 683-686: March 2014	Int. jour. Of Recent Scientific Research	0976-3031 I.C. Value:(4.38)	Ph.D in Zoology

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

The college has a separate students' council, which forms a bridge between the students and administration. This helps in promoting a healthy atmosphere of cooperation in the college.

Every class is represented by a class representative, selected on merit basis. Class representatives in turn elect a council of office bearers consisting of general secretary. The general secretary monitors and implements various activities of councils.

Representatives of student councils monitor various academic and cultural events in the college. The election process is true & fair without any kind of backing of political dispensation. The councils organizes various socio-cultural activities for the students such as singing competition, observing friendship day, teachers' day, sports activities like foot-ball, cricket, chess, etc. The college has provision for funds for the programs to be organized by the council. The councils are governed by regulations of Dr. B.A.M. University, Aurangabad. The whole process is transparent without any involvement of any kind of funding agency.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

The college provides students with opportunities to participate in various academic and administrative bodies at college. Students seize the opportunities for involvement and contribution to the academic life of the college. Students are given representation in the committees/cells/units like NCC, NSS, Study Tour Committee, Gymkhana Committee, Annual Gathering Committee, College Magazine Committee, Hostel Committee, Cultural Activities, Internal Quality Assurance Cell, Students' Redressal Committee and Library Committee.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding Student Support and Progression which the college would like to include.

➤ **Alumni Association**

The college has registered its Alumni Association. College has developed entries on its website for alumni to register themselves. Alumni register themselves from various part of the world. They also remain present for the annual meet of the association. They support the association by offering financial assistance as well. A meet of former faculties is also organized along with it. The talks and sharing of experiences result in which looks after the various activities to be organized by the association. It also looks after the work of systematic collection of data of alumni and also continuously keeps contact and rapport with its members.

The use of college website is done to encourage the alumni to register themselves in the association. It helps the alumni residing in the different part of the world to register their names.

➤ **Former Faculty**

Former faculty members are invited as special guests at various departmental events organized by college.



Former faculty members are often invited as resource persons at special events such as workshops, seminars, inauguration of different association, etc. It becomes possible since almost 70% of retired faculty resides in Aurangabad after their retirement.

➤ ***Shodh Marathi Manacha:***

College hosted a mega event called ‘*Shodh Marathi Manacha*’ (Discovering Marathi Mind). It was the only program of its kind organized so far. The people from Maharashtra who achieved highest degree of excellence and position in the fields like politics, education, research, art, music, business, entrepreneurship, corporate sector, etc were invited for the gathering. There had been excellent session on the success stories of the people. The sessions on success stories recounted by famous entrepreneurs and businesspersons received a huge response. People from many countries participated in the event. It helped college to bring about interactions of the people with the faculty and students in the college. Ten thousand people attended the event.



CRITERION: VI **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.

- ❖ M.S.P. Mandal's motto is '*Tamso Ma Jotirgmay*' i.e. 'Let's proceed from darkness to light.'

THE VISION:

- Eliminating the darkness of ignorance from the lives of people living in age-long poverty and helping them to proceed towards knowledge to achieve all-round development.

THE MISSION:

- Providing quality education to socially and economically backward classes.
- Bringing out educational and cultural development of rural population.
- Providing standard facilities of hostel accommodation, physical education and value education.
- Bringing out social transformation through education.
- Creating resources and utilizing them for educational upliftment of common people.
- Promoting intellectual, ethical and cultural development of society.
- Imparting technical and professional education to increase employability and economic development.
- Creating a wide-spread educational network seeking mass participation in education.

The major characteristic of Deogiri College is **commitment to quality & excellence with social and environmental sensitivity.**

- The institution has been promoting quality education especially for the students hailing from rural areas. It has been conferred the status College with Potential for Excellence by UGC on 15/10/2010. It validates and encourages institution's mission for offering quality education to socially and economically backward classes and students hailing from rural areas. It also addresses social needs, access, equity and quality which are embodied in mission statement.



- Institution's emphasis on enhancing infrastructure is in line with idea of providing adequate space to learners in the campus. It has resulted in bringing about cultural and educational development of students. Institution provides hostel facilities for both boys and girls. Hostels accommodate 1052 students *in toto*. As the necessity of hostel is high for girl students from rural areas, the institution has always emphasized on enhancing hostel facilities for girl students. A new girls' hostel with accommodation capacity of 500 is proposed and a construction plan has been chalked out.
- The variety of courses embodying technical and professional aspects of education signify vision for future. The courses like Bachelor of Vocation in Jewellery Designing and Gemology and Multimedia and Animation signify the need for radical changes in traditional way of knowledge acquisition.
- Institution's constant support and encouragement to activities of NCC, NSS, sports and games, cultural programmes results into providing diversity of students with opportunities to achieve excellence in the fields. It is due to it college team grabs the Best Cultural Group Award at University level Youth Festival among the 396 affiliated colleges to the university. NCC and NSS units at college have been acknowledged as one of the best units under the affiliated university. The Department of Physical Education and Sports has bagged as many as 410 prizes in the last five years. It is a matter of great honour for the college that the department has 13 Chatrapati Award Winners to its credit. It is one of the highest award given by Govt. of Maharashtra to a sports person for his/her outstanding performance in sports or games. All activities always have inclination towards ethical and cultural development and also indicate commitment to value education.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

M.S.P. Mandal's Deogiri College has well-defined quality policy and action plans. The top Management i.e. Executive Council of M.S.P. Mandal, Local Governing Council, Principal and faculty play a vital role in the design and implementation of quality plans and policy.

As a socially committed educational institute, Deogiri College is part of the large network of about 100 educational institutes like primary, secondary, higher secondary schools at higher educational institutes at senior, engineering, law, pharmacy, polytechnic, management level. Most of the institutes are situated in rural areas where need of quality education is high. Deogiri College being an important link in this network and task of imparting quality education is driven by the vision and mission is answerable to the Executive Council of Marathwada Shikshan Prasarak Mandal, Aurangabad.



- At the central level, a robust, effective structure has been set in place to ensure that quality in terms of service is converted to excellence in each of its units of higher education. Executive Council also ensures the implementation of vision and mission of M.S.P. Mandal while insisting on its relevance to the changing time and circumstances. The council works as a policy making agency.
- At the local level, Deogiri College has a Governing Council consisting of 11 members of which Principal is member secretary. The President and the Secretary of the institution are the members of the council. It has three representatives from teaching staff and one representative from non-teaching staff. The three local members representing different fields of the area are nominated by the management. It also has a representative of management. The meeting of Local Governing Council takes place twice a year
- At college level, three Vice-Principals assist the Principal. The registrar, coordinator of IQAC, librarian and physical director form a core of Principal's management of college activities. All heads of department and the chairpersons of different committees further assist it.
- The Student Council, which consists of staff advisors and student council's office bearer periodically, meets and makes relevant suggestions to improve the institutional systems and process.
- The Internal Quality Assurance Cell (IQAC) is a key unit in implementing quality enhancement and assurance measures of the college. Principal plays a vital role in bringing about coordination among various committees, departments, offices in the college.

❖ **Roles Played in Quality Policy Making:**

Though the Management plays an important role in making of quality policy, other stakeholders also have their share in quality policy making. The Principal conveys feedback from various stakeholders, requirements presented by various committees and HoDs and demands made by students, to the Management. Besides it, IQAC becomes the most significant agency regarding reviewing the quality issues of various activities at the college. The Principal performs an important role of catalyst between the Management and various stakeholders for realizing various quality issues in the form of positive results. The responsibility of reviewing all quality issues is carried out by all components in the management structure.

It is in this way two-way information and communication system from departmental level to the top level of management is in place to execute quality policy and plans of the institution.



6.1.3 What is the involvement of the leadership in ensuring :

➤ **The policy statements and action plans for fulfillment of the stated mission:**

The institution has clearly stated objectives implementation of its vision and mission. Keeping in view the commitment in vision and mission, institution systematically plans college activities. It is done on both levels of short term and long term planning. Every year academic activities calendar is prepared. Up-gradation of infrastructure, enhancement of research culture, hostel facilities, and environmental friendly initiatives, enhancement of library services, formalizing activities of Alumni Association, strengthening feedback mechanism, organization of professional training programs for teaching and non-teaching staff and inviting more companies for campus placement are the key issues taken into consideration while fulfilling the vision of the institution.

➤ **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan:**

The various issues as mentioned above are taken into account when committees chalk out their plans for various activities. Besides it, HoDs also contribute in executing plans that incorporate into the institutional strategic plan. Planning Board, Admission Committee, Library Committee, Placement & Councelling Cell, Grievance Redressal Cell, Student Council, Woman Impowerment Cell, etc work in coordination with HoDs and thus various curricular and co-curricular activities are carried out. IQAC plays an important role on coordination level.

➤ **Interaction with stakeholders:**

Regular interactions with various stakeholders of the institution at formal and informal meetings create a notion of common responsibility, affinity and ownership. The galaxy of variety of stakeholder who interact on different level, help the institution in improving its standards. Interactions with stakeholders are also sought through the following programmes continuously being held, such as:

- Alumni Association is registered and its meetings are conducted regularly.
- Meeting of parents with the Principal, Vice-Principals, admission committee members and HoDs take place at the time of admission and throughout the year.
- Principal and members of LGC interact with students on regular basis.
- IQAC has two expert members representing specialized area, who contribute in functioning of IQAC by their innovative suggestions.
- The Placement and & Career Counselling Cell keeps itself in contact with different companies and industries and their recruitment drives are held at



college. In turn, they offer valuable feedback on various issues like infrastructure, syllabi and requirement of skill development.

- Parent-Teachers meeting at departmental and institutional levels.
- Former teachers of the college, distinguished alumni are frequently invited to the college on various occasions. Interactions with them offer good insight into strengthening the services for students at college.

Proper support for policy and planning through need analyses, research inputs and consultations with the stakeholders:

A regular need analysis is carried out in the college by various committees such as the Purchase & Finance Committee, Library Committee, Research Advisory Committee, Planning Board and Building Committee under the leadership of the Principal, the Vice-Principals and even the members of LGC at least once a year. There have been various sources to recognize needs of the stakeholders. Consultation, research and feedback have been important tools in this regard. Feedback is taken on library, syllabus, college campus, teachers and hostel services. Feedback is also received from alumni and parents. These efforts result into identifying various problems and need for training for students, teachers and non-teaching faculty.

Reinforcing the culture of excellence & championing organizational change:

Based on the feedback received from stakeholders on various aspects, perspective plans of the institution, SWOC analysis carried by each department and IQAC, the college designs a proper structure for further reforms and innovations in order to sustain excellence. Following aspects suggest and are the key issues in achieving and sustaining excellence and championing organizational changes:

- Outstanding participation of teachers and students in research and field work.
- Effective teaching-learning assisted by ICT in smart classrooms.
- Extension and enhancement of library services as a learning resource.
- Organization of various activities and initiatives for environmental consciousness.
- Introduction of B.Voc programmes and 17 short term certificate courses under Career Development Program.
- Introduction of Sanskrit subject at UG level and Mathematics and Geology at PG level.
- Computerization of library record.
- Provision of Central Research Laboratory.
- Appointment of qualified Training and Placement Officer.
- Special budget provision for departments like Dramatics and Music.



- Lecture series by Chartered Accountants for Commerce students on entrepreneurship development.
- Construction of Outdoor Stadium.

It is in this way the institution gauge the changes taking place in different fields and reviews and redesigns its policies in order to keep pace with changes on technological, industrial, research and service level.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

Deogiri College adopts various processes and procedures to monitor and evaluate its policies and plans for effective implementation and improvement from time to time. The visits of the members of Executive Council of M.S.P. Mandal, the members of Local Governing Council to the college and their observation besides the active management by the Principal, Vice-Principals and heads of different committees play an important role in monitoring the smooth functioning and effective implementation of various activities in college.

- Executive Council meetings.
- Local Governing Council Meetings.
- Annual and semester-wise planning and review meetings.
- Meetings by the Planning Board.
- Periodic IQAC meetings.
- Continuous feedback and its analyses by Feedback Analyses Committee.
- Regular meetings of Research and Library Committees.
- Parents and Alumni Meet.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

Marathwada Shikshan Prasarak Mandal is one of the biggest institutes in Maharashtra. The variety of courses and institutes offer many academic opportunities for staff at the college. The top management always encourages the staff for better academic leadership. Due to the large structure of the institute and big number of programmes and courses, it becomes easier for the teachers to play an important role to represent various bodies at University level. The management pays vivid attention in this regard. Besides this, it also encourages faculty to represent professional bodies. The faculty of the college also has represented the highest body called Management Council of



University. The details of the faculties who represented various academic bodies at University & other levels are as follow:

Sr. No	Name of the faculty	Title of the body	Position Held
1.	Principal Dr. M.L. Jadhav	IQAC, Dr. B. A. M. University, Aurangabad	Member
2.	Dr. S. N. Thore	Senate	Member
3.	Dr. S. N. Thore	BoS, Chemistry	Chairman
4.	Dr. Geeta M. Patil	Management Council*	Member
5.	Dr. Geeta M. Patil	BoS, English	Member
6.	Prof. A.V. Tejankar	Dr. Babasaheb Ambedkar Marathwada University & College Teacher's Organization.	Secretary
7.	Prof. A.V. Tejankar	Maharashtra Federation of University & College Teachers' Organization (MFUCTO)	Vice President
8.	Prof. A.V. Tejankar	BoS, Geology	Chairman
9.	Prof. A.V. Tejankar	University Exam Panel	Chairman
10.	Dr. Surekha Marathe	BoS, Psychology	Chairman
11.	Dr. Atul Pawar	BoS, Psychology	Member
12.	Dr. Atul Pawar	BoS, Psychology	Member
13.	Dr. S.N.Helambe	BoS, Electronics	Member
14.	Dr. N.G. Nisal	BoS, Electronics	Member
15.	Dr. S.V. Chandole	Indian Cryogenics Council	Fellow
16.	Dr S.D. More	Indian Science Congress	Member
17.	Dr. S.B. Kiwane	BoS, Mathematics	Member
18.	Dr. Dilip Khairnar	BoS, Sociology	Member
19.	Dr. Dilip Khairnar	Marathi Samajshastra Parishad	President
20.	Dr. Dilip Khairnar	Samjshatra Sanshodhan Patrika	Chief Editor
21.	Dr. Dilip Khairnar	BAMUCTA	Member
22.	Dr. Dilip Khairnar	Maharashtra Public Service Commission	Reviewer & Examiner
23.	Dr. Ashok Naikwade	Maharashtra Political Science & Public Administration Association, Dhule	Vice President
24.	Dr. Ashok Naikwade	All India Association of Political Science	Member
25.	Dr. Ashok Naikwade	All India Satyashodhak Samaj, Satara	Secretary
26.	Mrs. Pranita Chitnis	BoS, Sub-Committee Commerce	Member
27.	Dr. M. N. Sarnaik	BoS, Physics	Member
28.	Dr. P.V. Jabde	BoS, Botany	Member
29.	Dr. Shriram Jadhav	BoS, History	Member



30.	Dr. Shriram Jadhav	Aurangabad Sarvodaya Mandal	President
31.	Dr. Ravi Patil	Marathwada Botanical Society	Treasurer
32.	Dr. M. N. Sarnaik	NTS College of Education, Parbhani	President
33.	Mr. P. M. Kshirsagar	Shree Vithal Shikshan Prasarak Mandal, Omerga	Joint Secretary
34.	Dr. A. H. Dhumal	BoS, Microbiology	Member
35.	Dr. M.V. Katariya	BoS, Govt. Engineering College, Aurangabad	Member
36.	Dr C.S. Patil	Analytical Chemistry Teachers & Researchers Association	President

***It is the highest managing body in Dr. B. A. M. University administration. Dr. G.M. Patil does representation of teaching faculty from affiliated colleges**

- Teaching and non-teaching staff is given representation of Local Governing Council ensuring their participation on management issues. The Academic Council that comprises the Principal, Vice-Principals, HoDs and IQAC Coordinator plans and monitors the work of syllabus design of short term courses and their implementation.
- Management remains persistent about initiatives regarding training the faculty and students in use of new teaching-learning technologies. It eventually results into enhancing personality and improving leadership qualities of both staff and students.

6.1.6 How does the college groom leadership at various levels?

The College grooms leadership at all the three levels:

- Management and Administration
- Teaching and Non Teaching Staff
- Students

Management and Administration: Principal is selected as per the eligibility criteria laid down by UGC, state government and affiliating University. Proper care is taken while selecting a candidate for the post of Principal. The Principal plays an important role of a leader that connects college staff, LGC and Executive Council. Besides it, three members from teaching faculty and one member from non-teaching faculty are selected as members of LGC as per Maharashtra University Act, 1994.

Teaching and Non Teaching Staff: Deogiri College has promising resources for teaching and non teaching staff to groom their leadership. Teaching staff leads the various committees on the college and University level. They also have gained quite a good experience in organizing various events at college level. HoDs do make various events organized by their departments quite fruitful. Prof. A. V. Tejankar, Head, Dept. of Geology is the Vice President of



the Teachers' Association under Dr. B.A.M. University, Aurangabad. He also worked as a member of Pay Fixation Committee for the teachers under the affiliating university. Prof. Dilip Khairnar represents the Pre-Budget Committee as a member at University Level.

Student Leadership: There are many activities like conferences, workshops, literary association, motivational lectures, where students get opportunity to chart out the structure of the program and execute it. Students represent college committees like Library Committee, IQAC, Cultural Committee, Women Cell, etc besides the Students Council where a student is elected as General Secretary from all class representatives. Management also helps students financially to participate programmes on development of leadership. There has been good number of students enrolling for such type of programmes from NCC and NSS units at college. Students are also encouraged for participation in students' movements and activities on political level. Following are the details of some students' such participation:

Sr. No	Name of Student	Level of Participation
1.	Dhananjay Jahdav	President, SFI, Deogiri College Unit
2.	Vandna Wagh	Vice- President , SFI Deogiri College Unit
3.	Krishna Ganje	Vice- President , SFI Deogiri College Unit
4.	Ashish Jadhav	Secretary, SFI, Deogiri College Unit
5.	Dnyaneshwar Kale	Member Secretary SFI, Deogiri College Unit
6.	Babita Joshi	Member Secretary SFI, Deogiri College Unit
7.	Komal Gavali	Member Secretary SFI, Deogiri College Unit
8.	Krishna Varpe	Member Secretary SFI, Deogiri College Unit
9.	Akshy Tangade	Member Secretary SFI, Deogiri College Unit
10.	Bhagwan Rote	Member Secretary SFI, Deogiri College Unit
11.	Sandeep Sonwane	Member, SFI, Deogiri College Unit
12.	Satish Manjme	Member, SFI, Deogiri College Unit
13.	Gorakhnath Lande	Member, SFI, Deogiri College Unit
14.	Ramesh Tabile	Member, SFI, Deogiri College Unit
15.	Suresh Jadhav	Member, Bhartiya Vidyarthi Sena
16.	Bhimrao Lahane	Member, Bhartiya Vidyarthi Sena
17.	Manoj Subhas Darker	Member, Bhartiya Vidyarthi Sena
18.	Atish Gaikwad	Member, Bhartiya Vidyarthi Sena
19.	Nitin Kadam	Member, Bhartiya Vidyarthi Sena



Students like Pranav Shendage are encouraged to represent at university level. He was elected as a representative of colleges' General Secretary at University level during 2013 – 2014. Different new channels in Hindi and regional language also visit the college and organize a events where students are encouraged to speak, express their opinions on different social, political and educational issues.

6.1.7 *How does the college delegate authority and provide operational autonomy to the departments/units of the institution and work towards decentralized governance system?*

Deogiri College has a functionally decentralized structure of decision-making and management information system. Principal of subsidiarity and collective responsibility are few of the most salient features of decentralized governance system of college. Keeping in view the large number of students studying on the campus, it becomes essential and necessary to provide operational autonomy to departments and other units of the institution. The existence of three Vice-Principals representing different disciplines helps the Principal work effectively because of decentralization of authority. Besides it, the Management delegates the authority and the Principal provides operational autonomy to the various units while directing and coordinating them.

Following are the details of various committees and association through which the delegation of authority and provision of operational autonomy are implemented.

Co-ordination Committee: This committee is headed by the Vice Principal. Its main work is to coordinate the activities of all the departments, head of the departments, and general programmes organized in college campus. The committee also seeks coordination among non-teaching, teaching staff and students.

Discipline Committee: The committee carries out responsibility of maintenance of general discipline, preventing ragging, as well as for initiating disciplinary action when required.

Research Committee: The committee receives complete freedom as to examine and promote research activities on the college campus. Accordingly it proposes need for research in the form minor and major research projects from different grant providing agencies. It also proposes for enhancement of laboratories and infrastructural development. The management responds to the suggestions positively.



Purchase Committee: This committee plays an important role in finalizing purchases for different departments and units at college.

Library Committee: Library Committee constantly reviews the services provided by library and its staff. It aims at making the library services student friendly. It proposes certain changes for optimum utilization of the library.

IQAC: Internal Quality and Assurance Cell receives more operational autonomy as to implement various programmes and policies in order to enhance quality of different units at college. IQAC has become a competent centre for decentralized governance at college level. It is here many of the schemes pertaining internal quality and its assurance are planned and a mechanism is developed and implemented. Effectiveness and sole concentration on the issue of quality and its assurance meets with positive acknowledgement by top and local level management.

Alumni Association: College has a registered alumni association. It has well defined and well structured body of its members. Alumni hailing from various fields in society represent it. It proves to be an independent body offering valuable suggestions on various issues pertaining to quality enhancement and development of college.

The college essentially is managed at the level of each department. The HoDs and their colleagues are the key factors in the management. They plan, design and implement the curricular, co-curricular and extra-curricular activities. It is done in close consultation with the Principal. In this way, all these functional organs are accountable to the Principal.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

The college promotes a culture of participative management. The Principal and the three Vice-Principals share academic leadership and administrative responsibilities.

Effective coordination is sought between Management and the Principal for better execution of various practices. The Principal is a member secretary of Local Governing Committee. The Principal is administrative head of the college. The Principal shares powers and delegates the responsibilities for implementation process, to the Vice-Principals and Registrar for academic and administrative activities.



The four-tier system comprising the Management Council, Academic Council, Administrative Wing and Student Council ensure that the quality of teaching-learning on the campus is enhanced.

The Principal functions through the academic and administrative wing. Three Vice-Principals and IQAC work in close line with the Principal. They form a golden medium between the Principal and Academic and Administrative Wing. HoDs, librarian, physical director, chairpersons of committees, hostel rectors & the registrar coordinate autonomously administrative, co-curricular and extra-curricular activities, in consultation with the Principal. They receive assistance from student representatives. IQAC does planning and evaluation for the college and meets periodically throughout the year. At the level department, HoDs are encouraged to hold meetings on different issues; right from the issue of syllabus and changes in it and planning of teaching work to the evaluation of students. The meetings are held as and when required regarding implementation and organization of certain activities like national conferences, workshop, exhibitions, lecture series, celebration, etc. In this work, help of students and faculty from other departments is sought.

Thus non-teaching staff, studnets and the faculty participate actively in the execution and mangagement of various activities on the campus.

The advantages like the President of the institution being the Ex. Cabine Minister of in Govt. of Maharashtra, Secretary of the institution being an MLA of the graduates' constituency, huge galaxy of college's alumni, extensive extension services, close association with academic associations & organizations, frequent visits to college by eminent personalities in different fields from the country and abroad as well, result into participative management and positive outcomes.

6.2 Strategy Development and Development

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Yes, the quality policy of the institution pronounces that the College is committed to pursue high standards of excellence in all our endeavours by focusing on teaching-learning, research, extension, administration, management, sports and games and cultural activities while promoting a culture of research, students' all round development and commitment to quality, excellence and adequate services to students especially those hailing from rural areas. Awareness about social responsibilities and execution of high ethical standards are the most salient features of the quality policy of the institution.



There is a systematic mechanism to develop and execute the policy on overall development and excellence. The stakeholders of the college contribute in constituting quality policy for the institution. There are internal and external stakeholders who play distinctive role in providing valuable suggestions in order to frame quality policy, additions in it and effective execution of it. The major part of the quality policy adheres to the vision and mission of the institution, which refer to higher social responsibilities of providing education to socially and economically backward classes and areas. However, quality policy is always strengthened by inclusion of new ways of strategies and methodologies while keeping in view the changes on the level of technology, society, class, economy, education, industry and values.

What uniforms the quality policy of the college is strict adherence to excellence at all levels. Various events, programmes and strategies are structured to enhance teaching and learning experience. It involves preplanned teaching, transparent internal evaluation, remedial teaching, coordination among various units is sought to bring about positive result from students in sports & games, cultural activities, NCC, NSS, public speaking and academic activities. Besides IQAC, there are other units like Management, Principal, Vice-Principals, Academic Council, different committees and external members representing different committees participate in planning and reviewing quality policy and they see that the quality policies are deployed in accordance with the stated quality policy.

6.2.2 *Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.*

Yes, the college has a perspective plan of development worked out in a systematic manner in the year 2010 – 2011. It is a long term plan for next five years. M.S. P. Mandal's College Development Office (CDO) former Principal Hon. R.T.Deshmukh takes active participation in designing the perspective plan for college. He is assisted by the Principal, teaching and administrative staff of the college.

It has the following structure:

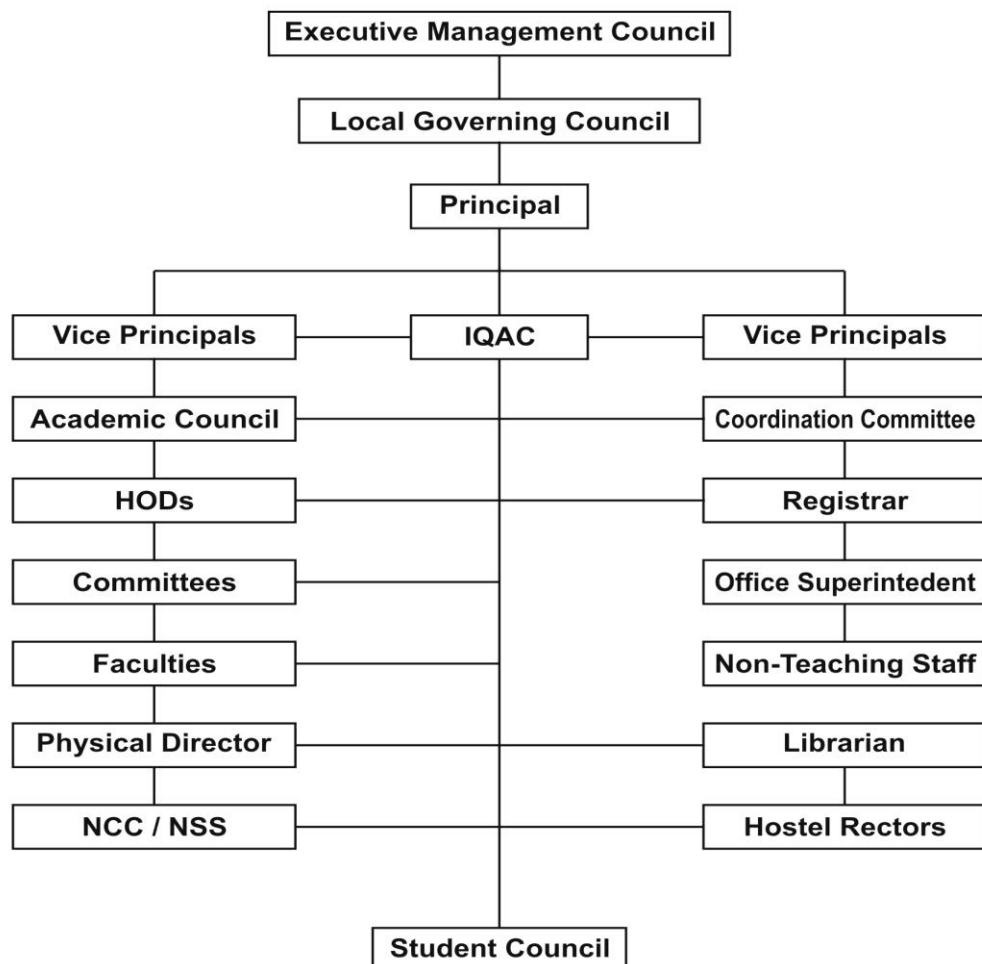
- **Part I:** It consists of vision, mission, core values, objectives and strategies in the areas of education, knowledge generation, management and extension.
- **Part II:** It consists of perspective plan for each criterion of higher education being imparted on the campus like curriculum, research, teaching, learning, evaluation, student support services and strategies for their progression, their contribution in cultural and sport activities, infrastructural development, innovations, best practices, contribution to social cause, outreach and extension programmes, campus placement drives, etc.

- **Part III:** This part deals with implementation of the plan and monitoring mechanism designed for it.
- **Part IV:** It deals with department-wise perspective plan.

The perspective plan sees many changes with the change of the time. However it always enriched with positivity of the change on the grounds like technology, increasing number of students, trends in research and advancement in industries, etc. It results in better understanding of things to be planned and executed for each stakeholder.

6.2.3 Describe the internal organizational structure and decision making processes.

The Internal Organizational Structure



- **Executive Council:** It is the top management level. M.S. P. Mandal’s general body elects Executive Council comprising of 21 members. It is the main body that authenticates the policies and programmes of the institutions. It looks



after the smooth functioning of all the institutions under M.S. P. Mandal, Aurangabad. Executive Council is responsible for:

- To tender the vision and mission of the institute through various activities of its constituents.
 - Collective recruitment of institute under M.S.P. Mandal.
 - To design quality policy and direct its execution.
 - To signify and channelize the future advancement of all institutes under it.
 - To design and implement an inclusive management as to bring about cluster development of all the units and stakeholders of the institutes.
 - To look after development of physical infrastructure.
- **Local Governing Council:** Like the Executive Council, it is also headed by the President of M. S. P. Mandal, Aurangabad. It comprises of three members including the President, Secretary, a representative of the management and three other members representing different fields of the area and three representatives from teaching staff and one from non-teaching staff. Principal is the member secretary of the council. The members of LGC frequently visit the college and review the functioning of the college. However, they have formal meetings twice a year. Most of the proposals are planned, discussed and sanctioned in LGC. Principal plays the role of conveying issues and concerns as informed by various committees and sections like departments.

LMC possesses following powers and authorities:

- To prepare the budget and financial statements.
- Recommend to the management the creation of teaching and other posts.
- To determine the programme of instruction and internal evaluation and to discuss the progress of studies in the college.
- Formulate proposals of new expenditure not provided for in the college budget.
- Consider and make recommendations on the inspection if any;
- Consider and make recommendations on the report of the local inquiry committee, if any.

The Academic Council: it is headed by the Principal and consists of Vice-Principals, HoDs and the IQAC coordinator. It meets quarterly to review and plan the institutional programmes and procedures. It functions in the following way:

- To evaluate the curriculum designed by the university and monitor its implementation along with adequate infrastructural creation and development.
- To monitor timely completion of teaching-learning and test-tutorial programmes.



- To propose need for new courses and invite proposals for them.
 - To evaluate the proposals and sanction them.
 - To propose and plan co-curricular and extra curricular activities.
-
- **Internal Quality Assurance Cell:** It is constituted as per the directions by NAAC. As figured in the organogram, it has vital role to play in bringing about coordination among all the constituents of the institute. It is a key medium through which creation, sustenance and enhancement of quality and excellence is ensured. It is always in consultation with all committees, cells, HoDs regarding effective organization of various events and documentation of such events and programmes. The IQAC organizes professional and personal development programmes for both the faculty and the students.
 - **Coordination Committee:** It is represented by the three Vice-Principals. The main work of the committee is to bring about coordination among various units in the college. Its work becomes essential especially in case of inter-departmental and multi-disciplinary activities. It plays an important role in bringing coordination among library, the Department of Sports and Physical Education, Cultural Activities Committee and units like NSS and NCC.
 - **Hostel Committee:** It is headed by a member from management. The rectors of boys' and girls' hostel are the members of the committee. It is also represented by teaching and non-teaching staff of the college. It looks after the work of hostel and proper functioning of its services.
 - **The Alumni Association:** The institute has got an active alumni association who actively contribute in better functioning of the institute with all its expertise and representation from different fields.
 - **The Administration Wing:** It takes care of all the administrative matters pertaining to the faculty and students. Registrar monitors the functioning of various units of the office. It is responsible to manage and facilitate human resources and expedite execution of duty. Registrar is assisted by the Office Superintendent, accountant, store keeper and others.
 - **Committees:** Different committees play an important role in execution of responsibilities and activities on the campus. It is through the committees, the college seeks decentralization of power structure.



6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:

- **Teaching & Learning**

College adopts different strategies for quality improvement regarding teaching and learning. Introduction of new programmes, like B.A. in Sanskrit, M.Sc in Mathematics, Geology, and Bachelor of Vocation in subject of Geology and Computer Science, is one of the essential strategies of the institute. College successfully implemented UGC sponsored merged schemes, like Career Counselling and Equal Opportunity Centre. College also commenced 17 short term certificate courses under Career Development Programme line with UGC's Career Oriented Programmes.

College augments the necessary infrastructure for increased number of courses and makes provision for infrastructural development for possible changes on different levels. As a part of this strategy, college has developed ICT enabled classrooms and constructed new classrooms on Arts Building. Audio-visual aids available at ICT enabled classroom help in enhancing the quality of teaching-learning process.

- **Student Mentoring System:** It has been observed that formal teaching-learning process requires more efforts to solve different problems of learners. It must be assisted by personal counseling and exchange of ideas on various personal levels between students and teachers. Keeping this in view, the college has developed a mechanism called student mentoring system. Students studying a particular subject register themselves with the teacher teaching the subject. The teachers offer all kind of help including personal. Students mainly seek help on academic matter. It has proved very helpful in case of girl students. It results into continuity and improvement in teaching-learning process. 2137 students are benefited by the this system.

- **Extension of Language Laboratory:** It has been the part of the strategy that language learning should be assisted by technology. Besides this, it proves helpful to all faculty students to improve their communication skills. Accordingly other laboratories are also strengthened. Language laboratory is expanded with new software with 25 consoles of ORELL.

- **Books and Sports, WiFi Facility:** College makes adequate addition to the existing number of books in the library. During the last four years, 12324 books (including text books, reference books and journals' bound volumes) are added costing Rs. 4140042. College built an outdoor play-ground of size 100 X113 M. costing Rs 47,00000. College provides students with limited access to internet through WiFi through which students can access college repository like e-books and video lectures.



- **Research & Development**

The college has a policy that encourages its entire faculty to take up research projects, pursue their doctoral studies. The management of the college insists on constant engagement of faculty in quality research. College organizes subject-wise workshops and orientation programmes in different subjects on the subject of research and research methodology. It also organizes extensive week long orientation programmes on research and research methodology. College has 10 University approved Ph.D research centres. There are total 18 Ph.D guides and 122 research students are studying for their doctoral studies under their supervision and 37 students have received the degree of Ph.D.

Due to the creation research friendly ambience on the campus, teachers have succeeded in fetching the grant of one crore and eighty lakhs in the last four years from different granting agencies like UGC and DST. The faculties at the college have published as many as 341 papers at national and international level.

- Faculty of all streams is encouraged to take up research activities in fundamental and essential area in their respective subjects. Teachers work on key areas like DNA, fingerprinting, cancer cells, taxonomy, chemoinformatics, applied sociology, international relations, science fiction, electronic sensors, hydrogeology, artificial recharge, recycling of plastic, etc.
- Teachers are provided with financial support in the form of separate research labs, central research laboratory to pursue their research in the form of minor and major projects. College signs MoU with other institutes like Paul Herbert Centre for DNA Barcoding and Biodiversity Study, Dr. B.A.M. University, Aurangabad for collaborative research work and providing research facilities which are not available with the college.
- Teachers are given study leave under FIP.
- The departments are given financial assistance by the college to organize orientation, training programmes and workshops on research methodology in the college every year.
- The management of the college honours faculty for their outstanding contribution in research activities. Teachers are encouraged to present papers at national and international seminars, workshop and are provided with registration fees.
- Adoption of latest technology like online survey and use of software like Discovery Studio, Aurguslab, Rastop, Chimera and Bioperl & Biopython, GIS, Global Mapper, etc.
- Following are the details of the financial support provided by the college to teachers to presents paper in conference and seminars.



Year	2010-11	2011-12	2012-13	2013-14
No. of Teachers	25	29	23	33
Financial Assistance	Rs. 18,876	Rs. 27352	Rs. 40,675	Rs. 64780

- **Community Engagement:**

College constantly feels and remains committed for social responsibilities. Besides the contribution by NSS and NCC units at college in socially oriented programmes, college does organize myriad events and programmes contributing to social cause. It works in line with the vision and mission of M.S. P. Mandal, that adheres to transforming social change through education. College received the first prize and cash prize of rupees one lakh from Govt. of Maharashtra on 17th April, 2013 for its outstanding contribution in the work entitled “*Jagar Janivancha*” an initiative to save girl child and negate female feticide. College organizes various programmes in this regard on gender sensitization. Observing the dire need of hostels for girls students, the institute undertook extension of hostels. Realizing importance of hostel for assurance of girls’ hailing from villages, college has sanctioned new girls’ hostel with capacity of 500. Following are some of the contributions made by college in this regard:

- College library provides its services to an Old People’s Home named *Matoshri* at outskirts of the city.
- College staff contributed to the relief fund to the drought affected area in the region of Marathwada by donating Rs.368744 in the year 2012-13 and Rs. 392824 in the year 2013 -14.
- College adopted villages during the drought and provided facilities of drinking water.
- College has signed MoU with the Central Bus Station and Government Hospital and Training Institute Aurangabad through which NSS unit takes up cleanliness programme at their premises.
- College library donates books to the needy institutes that include college and public libraries.

- **Human Resource Management:**

Deogiri College consciously attempts to take up different programmes to develop human resources available on the campus. Organization of different training and orientation programmes is done in order to develop the skill of staff and students. Variety of programmes is organized on the issues like soft skill development, entrepreneurship development, research attitude, stress management, yoga shibir, motivational talk, etc. The College has also commenced a lecture series entitled ‘*Dnyanprabodhini*’ where teachers from the college give talk on the subject chosen by them. Teachers also select the topic of their presentation in various seminars and conferences.

- **Industry Interaction:**

Curricula provided by the University in the subjects like Commerce, Bio-Technology, B.B.A, B.C.A, Computer Science, Chemistry, Electronics, English and Psychology is enhanced by its practical implication through close interaction with industry and agencies. Study tours to visit industrial areas and prominent projects are a regular feature of teaching activity. College is a part of Tie-Up between the University and INFOSYS, Bangalore. Through this programme, three teachers of the college have been trained to prepare students for similar industries like that of INFOSYS. It resulted into increasing the campus placement of college for INFOSYS and other companies as well. Dept. of Psychology organizes psychological testing programmes for the workers in the industries for counseling on stress management. Dept. of Commerce organizes a lecture series in which chartered accountants, corporates, entrepreneurs, etc. address students on better opportunities in the field of commerce. Likewise, Dept. of Chemistry and Dept. of Biotechnology have close interactions with industries. There are MoUs formally signed between the institution and the industries like Animation Studio Jingle-Toons Pvt. Ltd, Matrix Fine Solutions Pvt. Ltd., Endurance Technology Pvt. Ltd. Waluj, Aurangabad, etc.

Tie-Up with industries and training sessions by experts from industries are the regular features of the curricula of the courses.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

College receives feedback on various issues related to teaching, learning, library services, campus experience, hostel services, curricula, etc. Feedback Committee analyses the feedback and submits reports to the Principal. Principal ensures that adequate information is provided to the top management and stakeholders. Principal's frequent interactions with different committee members and HoDs brings him idea about teaching and learning process on the campus and also enables him to instruct the faculty in proper manner. The Principal informs major issues from the feedback analyses to the top management and he ensures that positive decisions are taken.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The Management does pay close attention to quality issues and insist on effectiveness and efficiency of the institutional processes. It ensures all staff realizes and shares the Vision and Mission of the college. This is done through a well-defined and designed series of professional development programmes for teaching and non-teaching staff.



Every year the orientation programmes on the issues of effective teaching, new methodologies of teaching, effective use of modern technologies in teaching and research, new approaches in evaluation, management of e-resources at library, new trends in record keeping, etc are sponsored by the management. Management also sponsors week long intensive orientation programmes on effective teaching. It also offers freeship to the wards of staff.

Management's formal and informal discussions with HoDs and staff bring about the idea of collective responsibility and voluntary involvement of the staff. Management encourages all staff of the college to provide helping hand to the department that organizes event or program like national or international conference. It not only increases effectiveness and efficiency of the process but also develops a sense of being one part of the institutional process among the staff.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Resolutions	Status of implementation
Sanction of Expenditure made for virtual classrooms.	Implemented
To take permission for increased FSI for college need.	Implemented
To take decision on expenditure for building new classrooms	Implemented
Leave & licence agreement of bank.	Implemented
To construct dinning hall & reading room for the boys' hostel.	Implemented
To submit the report of requirement of extra divisions at B.Sc & M.Sc level to University.	Implemented
To conduct the meeting for the discussion of salary of C.H.B. Basis & Fix Pay Teachers.	Implemented

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, the affiliating university makes a provision for according the status of autonomy to an affiliated institution. Deogiri College hosted a meet on autonomy. It was participated by members of management, teachers and Principals from five different colleges under M.S.P. Mandal and effective discussion took place on the issue.

Deogiri College possesses potentials to be autonomous on various parameters. Management invites panel discussions on the issue and seeks opinion from stakeholders and the representatives of different fields. Pending position of



vacancies of teaching staff due to governmental technical issues, is one of key factors in delay in advancement on the part of the college in applying for autonomy.

6.2.9 How does the Institution ensure that grievances/complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

Deogiri College has a formal mechanism to ensure that complains are immediately attended to and resolved positively. There are **two** Grievances and Redressal Cells for staff and students. The Grievances and Redressal Cell for staff is headed by the Secretary of M.S.P. Mandal and it does have representation from teaching and non-teaching faculty and Grievances and Redressal Cell for students is headed by the Principal and students have representation in it. The grievances are promptly presented to the concerned authority. The promptness allows everyone to feel free to present their problems to the authority. If the grievances are not addressed, they are taken to the Principal. Principal directs the matter to the Grievance and Redressal Committee. The top management represents the cell. Generally there is a very healthy and positive relationship prevailing on the college campus and no serious complains have been lodged. However there are general complaints regarding the evaluation, delay in results declaration and admission criteria, which come under University's authority; enquiries are made to the University authorities and possible solutions are sought.

The college also has a policy for addressing to complaints. Stakeholders directly represent their concerns to the Principal and most of them are resolved positively. The Principal seeks prompt coordination among Vice-Principals, HoDs, heads of committees and coordinator of IQAC on grievances. Serious grievances are referred to the Grievance Committee. After interactions and discussions at the appropriate level, corrective actions are taken.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

There is court case filed by the college against the Municipal Corporation recently. The details of the case are as follow:

Particulars of the Case		Issue	Status
Plaintiff	Defendant	Property Tax: Exemption from the tax	Filed in: 2015 Status quo order passed
M.S.P. Mandal through Principal, Deogiri College, Aurangabad	The Municipal Corporation Aurangabad.		



CLAIM: The suit for declaration that imposition of the taxes on the college properties mentioned in schedule part & parcel of plaint, is null, void and without following the due procedure of Law. And further declaration that the Plaintiff is a charitable educational trust and is exempted from paying general taxes, education taxes and employment guarantee schemes under section 132 (1) (b) of the BPMC Act.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

The college has a mechanism for receiving and analyzing student feedback on institutional performance. It covers teachers' performance, library services, administrative services, campus facilities, evaluation, hostel facilities, etc. Feedback Committee looks after the work of feedback collection, its analyses and reports it to the Principal. The Principal in consultation with the concerned authority takes prompt, appropriate and corrective policy decisions. Major issues are communicated to the Management.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

As the college aims at delivery of excellent services, proper care is always taken for the professional development of the teaching and non-teaching staff. Following are the key issues in the policy of the college for development of professionalism among teaching and non-teaching staff.

- Annual programmes of professional development are organized for teaching and non-teaching staff. They feature new methodologies, use of new technologies effectively and understanding and management of information technology.
- The college is an ISO certified one. It has helped in enhancing the professional development of both teaching and non-teaching staff. Interactions of the staff with the team of ISO auditors do results in introduction to new and innovative ways of record keeping and delivery of services. ISO audit has proved more effective for enhancing professional development of administrative services.
- College has evolved a friendly work environment that allows the staff to work effectively especially new staff. They are supported and facilitated by senior staff. Besides it, they are encouraged to attend professional development programmes.



- Regular formal and informal meetings of non-teaching staff are organized with the Principal to resolve various issues and insistence is made on the issue of effective work culture.
- The college provides encouragement, support and financial help to departments to organize professional development programmes annually.
- Library staff is encouraged for training in advanced tools and technologies in library services.
- The college encourages teachers to attend general orientation, refresher and short term courses conducted by various Universities and UGC Academic Staff Colleges. In the last four year, 42 long term orientation, refresher programmes, workshops were attended by faculty and 50 short term professional development programmes were attended by the teaching faculty.
- In the last four year as many as 32 orientation, workshop and professional development programmes for teachers are organized.
- The college also encourages its staff to participate in seminar, conferences and workshop on national and international level. It results not only in their professional development but also in strengthening their personal network of relationship with their counterpart in other institutes. College provides financial assistance to staff for attending conferences. There were **373 paper presented** at different levels of conferences, workshops and seminars and **669** conferences, workshops and seminars are **attended** by the college faculties.

Program for	Number of Programmes	Topic	No. Resource persons	No. of Participants
Vice Principals	01	Role of Vice-Principals in management	02	37
Teachers	32	Resarch Methodology, New Trends in Teaching, Use of ICT, etc	120	2187
Librarians	03	Impact of ICT on College Libraries, Role and responsibilities of librarians and library staff, Research Library	15	272
Administrative & Clerical Staff	08	Digital Campus, Right to Information, ISO System, MKCL- 'e-suvidha'.	21	265

- **Training Programmes on IT, Advanced Technology and Professional Development for Teaching and Non-Teaching Staff:**



Department of Computer Science and IT has taken many promising initiatives in order to offer orientation, training on various advanced technical, technological issues. The Department has also offered extensive training services. The programmes have recorded total **1,472** participations by teachers in the last four years.

The details of some of the programmes organized by the department are as follow:

Type of the Programme	Subject	Participation	Year
Seminar	IT Security	250	2010
Workshop	Dot Net Programming	20	2010
Seminar	Microsoft IT Academy & Certification	250	2010
Orientation	Effective Teaching in CS & IT	65	2010
Refresher	Updation of Faculty	35	2011
Workshop	Dot Net IDE	27	2011
Orientation	Professional Development of Teachers	72	2012
Workshop	Research & Research Methodology	29	2012
Workshop	JAVA Programming	55	2012
Workshop	Soft Skill Development	30	2013
Orientation	Professional Development	22	2013
Workshop	Advanced Techniques in Software Development	28	2014
Seminar	Higher Education in USA	31	2014
Training	Linux Training Sessions	33	2014
Training	Professional Development of Headmasters & clerks of Schools under M.S.P. Mandal.	140	2014
Workshop	Android	15	2014

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The institution believes in idea that the delivery of quality education and learners' friendly environment is possible only with the proper up-gradation of qualities of the stakeholders of the institution. Faculty empowerment through training, retraining and professional development programmes is done regularly. The need based programmes of training are organized for teaching and non-teaching staff. Different training programmes for library staff, clerks, staff looking after online admission work, account staff are organized. M.S.P. Mandal announces a schedule of training for the staff in the beginning each academic year and such programmes are arranged throughout the year.

Keeping in view, increase in number of students, programmes, feedback, SWOC analyses, need for personal and professional learning and development



is identified. Such needs are addressed under the guidance of the Principal and the IQAC Coordinator. Following decisions are outcome of such plans and analyses.

- Providing for the staff to attend orientation and refresher course on the basis of requirement under Career Advancement Scheme stipulated by UGC and requirement of training on basic and advanced pedagogy in the concerned subject.
- Regular external audit by ISO 9001 for both academic and administrative services.
- Setting up of four research laboratories.
- Construction of Central Research Laboratory.
- Extension of language laboratory featuring learning modules for professionals.
- Regular organization of University level workshop on revised and new syllabus.
- Encouragement to faculty to attend programmes like **Train the Trainer Programme** under the initiative entitled **Project Genesis** offered by INFOSYS, Pune Campus.
- Purchase of new books, journals, periodicals and e-resources ensures advance learning at college.
- Encouraging and welcoming visits by eminent scholars and academicians from the country and abroad to seek fruitful interactions with them.
- Offering financial assistance to teachers participating in national and international level workshops and conferences.
- Honouring teachers on their completion of Ph.D studies, outstanding research work and successful completion of 25 years of their services as teachers on every annual day of the college.
- Design of new software to collect academic data of teachers on line.
- Redesign the college website to order to make it more user friendly and offering easy access to e-resources available with college library.

In this way, Deogiri College takes proper care in providing learning on-campus opportunities to its staff. It results positively in various academic and administrative areas like knowledge sharing, teaching, learning, mentoring, research, sports, extension, participation in conference, seminars, campus placement, and infrastructural development. There is constant addition in number of computers. All departments are provided computers with internet connectivity to make teaching-learning process more effective.



6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

The college evaluates faculty on the basis of Self Appraisal Report submitted by each faculty at the end of each academic year. A committee headed by a Vice Principal receives the reports every year from IQAC and analyses the performance of teachers based on the following categories: Teaching, Learning and Evaluation related strategies; Co-curricular, Extension, Professional Development Activities and Contribution in Research. The college regularly obtains feedback on teachers' performance by students. There are various parameters taken into consideration while receiving feedback on teachers' performance.

Feedback Committee analyses the feedback and communicates its analyses to the Principal. Principal communicates with concerned teachers about their performance. The Principal encourages strengthening of the positives points of their performance and suggests them to work on weaknesses.

6.3.4 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The college has several welfare schemes for teaching and non-teaching staff.

- Financial assistance to participate conference, workshop and seminars.
- Staff Credit Society providing loan facilities on two levels i.e. regular and emergency. There have been **1,160** loan cases during the last four year totaling loan amount of **Rs. 217,063,190/-**
- Concession in fees to the wards of teaching and non-teaching staff.
- Provision of leave to faculty to pursue doctoral studies under FIP. Dr. Balaji Navle, Asst. Prof. of English completed his Ph.D studies under FIP from S. R. T. M. University, Nanded during 2009 to 2011.
- Duty leave for officially sanctioned training programmes and workshops.
- Duty leave for attending orientation, refresher and short term courses at UGC academic staff colleges. Total number of **60** teaching staff completed **92** orientation, refresher and short term programmes during the last four years.
- College provides financial support to faculty to present papers in various seminars and conferences. In the last four year, teachers received **Rs. 1,51,683** as a financial support.



The details of certain welfare schemes are as follow:

Particulars	Freeship for Wards of Non-teaching staff	Loan from Staff Credit Society (Emergency)	Loan from Staff Credit Society (Regular)	Financial Support to attend Confernces and Seminars
Amount	Rs. 35800/-	Rs.3265500/-	Rs.213797690/-	Rs. 1,51,683/-
Percentage	7.5%	49%	98%	45.83%

6.3.5 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The Teachers' Appraisal Committee analyses the Self Appraisal Reports yearly and reports it to the Principal. The Principal communicates consolidated report to the management. Based on the analyses of the reports, the Principal meets the faculty as and when necessary. The Principal encourages the faculty for better performance. He stresses the quality issues in concern with performance as registered in the report of the analyses.

• **Outcome of the review of performance appraisal system:**

- Improvement in the performance of the staff.
- Better motivation.
- Effective process of learning and teaching.
- Positive changes in results of the students.

• **Major decisions taken:**

- Special software is designed by the Department of Computer Science to collect academic data of the staff.
- Short term certificate courses are introduced and it gave opportunity to teaching staff to design curriculum for such courses.
- *Dnyanprabodhini*, a lecture series, has been started. It is an initiative to offer the college teachers opportunity to present their ideas on a certain topic that bears context and relevance in today's world. It enhances their presentation skills.

• **Improvement in the infrastructure:**

- Every department is equipped with computers and internet connectivity, provision of research labs, ICT enabled classrooms, etc.
- Financial assistance is provided to teachers participating conferences, workshops and seminars.

6.3.6 What are the measures taken by the institution for attracting and retaining eminent faculty?

The heritage of M.S.P. Mandal exhibiting its commitment for social cause is realized through quality performance by Deogiri College. It has been the best institute in the region. Its NAAC grade with CGPA of 3.39 is greater than any other institute in the region. It is itself an attraction for the perspective faculty. However, the institution advertises the vacancies in prominent newspapers, institutional websites.

Faculty selection is done with utmost discretion, adhering to the norms laid down by UGC, state Govt. and affiliating university. Selection are done on pure quality basis.

Retention : As functional autonomy is given to the faculty, the college becomes a healthy place to work in. Motivating management, well nurtured research culture, excellent participation of students in learning activities, healthy ambience, cooperative teaching and non-teaching staff, financial assistance to the wards of staff, appreciation, encouragement, honour and family like feeling help retaining faculty on the campus. It is why the following faculty with outstanding research output remains satisfied working on the campus.

The statistics of index and citations of some of the faculty is as follow:

Sr. No	Name of the faculty	Total citations	H.Index	10 Index
01	Dr. Pawar R.B.	1044	16	24
02	Dr. Thore Shivaji	230	09	09
03	Dr. Helambe S.N.	379	11	11
04	Dr. Kharat Kiran	61	03	02
05	Dr. Patil C.S.	47	05	03
05	Mr. Deshmukh Satish	47	3	1

(Source:scholar.google.co.in/citations?user=TdkTezEAAAAJ&hl=en dated:18-02-2015)

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The college has a well-defined financial and infrastructural development policy. The Finance and Purchase Committee carefully looks into the mobilization and effective use of available financial resources. Annual

budgeting and auditing of its account is a regular system of the college. Budgeting and auditing are the forms of understanding where planning meets its realization. College has its mechanism of short and long term planning. In annual budget, long term planning is taken into consideration as to fulfill the promises made by the institution in its vision and mission statement. It always aims at utilization of funds in the most suitable and effective manner.

Internal Budget & Audit:

- College invites requirements from all departments and accordingly prepares budget for them.
- Finance and Purchase Committee works on the details of the budget.
- It sanctions the budget and presents it to the Principal and Local Governing Council.
- The LGC approve it.
- The LGC are the authority for checking of the bills and expenditure.
- Internal audit by the LGC.

Senior accountant is in charge of maintaining accounts and management of the funds. Financial resources are available mainly from the UGC, Government and Management. HoDs submit their requirements and evaluating the strengths and need of the department Finance and Purchase Committee sanctions the funds. There are different issues like number students, importance of the subject, research of the faculty, placement record, number of programmes being offered by the department, etc affect the quantity and frequency of funds. Management ensures the effective and proper use of financial resources. All transactions are done through bank and all expenditure, recurring and nonrecurring are incurred through cheques.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

Internal and External Audit:

- LGC and the members of Executive Council often check the proper utilization of financial resources. The Finance Committee and Management evaluate the methods and priorities of utilization of the resources. Internal audit of all financial transactions and resources by a competent Chartered Accountant firm named **Sherkar and Co** is done by the institution.



There are three external agencies that undertake financial audit of the college.

External Audit :

- **Zilla Parishad Audit:** This audit generally aims at the utilization of financial resources at junior college. The audit also comprises the utilizations of senior college.
- **Joint Director, Higher Education:** It is one of the important agencies that carries out audit of college.
- **Auditor Gernerals (AG) Audit:** It is a final external audit done by governamental agency; Auditor General's (AG) Office, Nagpur, Maharashtra.

Periodicity:

- Internal and external audit of the account are carried out every year by the above mentioned agencies. Government schedules audit by AG's office. The last audit by AG' office was carried out in 2009 – 2010. However, competent Charatered Accountant firm, ISO 9001 and Joint Director of Higher Education audit accounts of college on a regular basis.

Major Audit Objections:

- The recent external audits carried out by Governamental and non-governamental agencies are the proof of effective and efficient use of the available financial resources. It is also certified by the agencies that there are no major irregularities with respect to the financial management of the institution.

Recommendations and compliance:

- It is seen that the college has opened the department-wise accounts as current expenses and capital expenses. It is suggested that instead of debiting all expenses in capital expenditure, bifurcation should be made as furniture, equipment, dead stock etc.

6.4.3 *What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income andexpenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with institutions, if any.*

Major sources of institutional receipts are the following:

- State Government pays the salary to our permanent teaching and non-teaching faculty.
- UGC grants
- Research Projects
- University grants for various schemes and courses.



- Deogiri College manages to raise resources to meet its day-to-day expenses. UGC grants in the form of CPE, BSR and Career Oriented Programmes have helped in bringing about infrastructural and academic advancement. Management plays an important role in commencing new programmes and providing financial support to run the programmes.

Sr. No.	Source	2010-11	2011-12	2012-13	2013-14
<u>State Government</u>					
1	Teaching & Non-Teaching Salary	80412024	80945069	94562025	139349518
2	EBC Grant	66630	53670		15,000
<u>Dr. B.A.M. University, Aurangabad.</u>					
3	Seminar, Workshop Grants			15,000/-	15,000/-
4	N.S.S. Grant	41100	134085	88747	84250
5	Exam Remuneration	448367	271232	1442582	2122535
<u>From Students</u>					
6	Caution Deposit (Library)	105890	150945	200600	202960
7	Exam Fees	5431201	3297665	3513330	3690690
8	Registration Fees	121790	90070	102045	57280
9	Tuition Fees	1714828	1242595	1837840	1530460
<u>From UGC/ICSSR</u>					
10	Additional Assitance	2500000			
11	Merged Schemes	3320000	400000	1118750	
12	UGC Project	106072196	1055000	380000	1273800
14	CPE Grant	5000000		4000000	
15	BSR Grants	8000000	4100000		6600000
16	Seminar, Conference Grant	82500	325100	196350	237750
<u>Other Source</u>					
17	Tender	3800			20100
18	Other Sources	700326	1998332	1210252	1352827
	Total	213770652	94063763	108667521	156537170

The governing body manages the deficit by taking administrative decisions on each case. Deficit in granted courses is compensated by the surplus amount in nongrant courses.



6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The college is successful in securing additional funding and it does come up with effective utilization of the additional resources. Following are the key areas where such additional grants are received:

- Ph.D Research Centre Fees.
- Researching faculty under the guidance of the college teachers under FIP.
- College staff contributing to create additional funding for **Relief Fund for Drought-Affected Areas.**
- Additional grants from UGC under various schemes.

Sr. No	Particulars	Additional Grants Secured
01	UGC additional grants	Rs.2508847
02	Ph.D Research Centre Fees	Rs.266070
03	Staff's contribution to Relief Fund	Rs.761568
04	Grants Generation through Cosultancy	Rs.29350
	TOTAL	Rs. 3,565,835/-

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a) Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Late Shri Vinayakrao Patil, a visionary educationist always felt the need of quality education for students. It was the reason behind establishing M.S.P. Mandal, Aurangabad. Deogiri College has a systematized inbuilt mechanism of internal quality assurance processes. Following are the ways in which quality policy of the institution is realized.

- Strengthen and ensure quality of teaching, learning, research and infrastructure.
- Encourage innovation in teaching and research by teachers.
- Keeping systematic record of innovative and best practices.
- Creating learning and research friendly ambience for better performance on the part of teachers and students.
- Provision of financial resources to non-granted departments for better balancing the qualitative growth.



During the first and the second cycle of the accreditation by NAAC and regular academic and financial audit by ISO 9001: 2008, the college enhanced not only the quality assurance processes but also strengthened IQAC. IQAC was established as per the guidelines by NAAC. It was strengthened by incorporating representatives from all its stakeholders i.e. management, faculty, staff, students, civil society, alumni, university representative at all.

As described in the organgram, IQAC plays an important role in connecting and coordinating the various bodies in the institute. It has evolved as a key coordinating body in almost all academic and administrative matters. It works as an effective agency in disseminating ideas and spreading awareness about quality issues.

b) How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?

Sr. No.	Suggestions of the IQAC approved by the Management	Status of implementation
01	Expand freshroom facilities for girls and boys	Implemented
02	Strenghtening Language Laboratory	Implemented
03	Increasing number of ICT enabled classrooms	Implemented
04	Registering Alumni Association	Implemented
05	Structuring Staff's Online Academic Information Accumulation System.	Implemented
06	Commencing Sanskrit as an optional subject at UG level	Implemented
07	Conduct Green Audit of the college.	Implemented
08	Provide WiFi facility to students.	Implemented
09	Constituting an Academic Council for college level courses.	Implemented
10	Establishment of Health Centre at college.	Implemented
11	Provide computers and internet connectivity to all departments	Implemented
12	Provide Student Facilitation Centre	Decision pending
13	Commencement of Short Term Certificate Courses.	Implemented
14	Extension of library services	Implemented
15	Allocating separate room for IQAC with internet facility and technical support staff.	Implemented
17	Setting Feeders and Water Pots for birds on campus	Implemented
18	Formalizing Waste Management by Biofertilizing Plant	Implemented

c) Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The IQAC has three external members possessing excellent understanding and knowledge about higher education. The external members of IQAC hail from various responsible government positions related to higher education and society.

- **Dr. D. R. Mane** an alumnus of the college, worked as the Registrar of Dr. B. A. M. University, Aurangabad and now he is working as the **Director of Higher Education, Maharashtra**. He is alumnus of Deogiri College. He has contributed to IQAC on the issues like participative management, effective information dissemination.
- **Dr. B. P. Lahane** the Joint Director of Higher Education, Aurangabad Division, contributes on various quality issues regarding implementation of various academic programmes and effective use of financial resources.
- **Mr. Ulhas Udhan** plays an important role in offering expertise in on the issues of college's extension services. His been essential contribution in society oriented activities like *Jagar Janivancha*, NSS programmes, NCC activities, programmes for Old People's Home and contribution to the relief fund for drought affected areas in the region of Marathwada.

d) How do students and alumni contribute to the effective functioning of the IQAC?

Students play an effective role in proper functioning of the IQAC. Frequent meetings of the representatives of all classes are organized. Besides it, a class representative also represents IQAC and other important committees. They are the true link between IQAC and student community. Students' active participation in providing feedback on various parameters especially on the quality of teaching and learning, helps IQAC take up more initiatives.

Alumni: Deogiri College has a luminous galaxy of its well qualified alumni and they work in different capacities across the world. They frequently visit the institution and often show passion and support for Alma Mater. They contribute in the following ways:

- Deogiri College Alumni Association.
- Annual Alumni Meet.
- Timely and appropriate feedback for the institutional development.
- Support for the placement of students.



e) How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC a key factor in bringing about the golden mean through which communication and engagement of staff from different constituents of the institution is sought. IQAC binds various units functional at college with the uniformity of purpose. It works on disseminating the institutional vision and mission to all the staff members. Almost all activities of college are either proposed by IQAC or it is consulted and informed before taking up any activity. It is in contact with different constituents in the institution and makes sure organization of programmes and activities in proper proportion and represent aims and objectives of the institution at larger level. Following are some of the ways through which it works:

- Proposes the need for staff training and orientation.
- Assist the department to organize regular and special departmental programmes effectively.
- To propose the need for new programmes and courses.
- To gauge the need for infrastructural creation and development.
- Continuously monitor the institutional processes, conducts evaluation and provides timely feedback to different constituents in the institution.
- To streamline various activities and bring about interdepartmental activities.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

Yes, the institution has an integrated framework for quality assurance of the academic and administrative activities. Right from the admission announcement to the results of examinations, institution looks into the quality issues of quality and its assurance. It publishes its information brochure that pronounces its commitment for quality provision and sustenance. IQAC further strengthens coordination, conceptualization and operationalization of the integrated framework for quality assurance of the academic and administrative activities of the institution based on the institutional policy on quality.

Perspective Planning: College has a Planning Committee that indulges in short term and long term planning regarding academic and administrative need based development. It ensures proper planning and execution of various programmes including infrastructural development.

SWOC Analyses: It is one of the important tools to identify need for quality enhancement. SWOC analyses is done on two level i.e. on departmental level and institution level.

NAAC Guidelines: The guidelines provided by NAAC on the seven criteria paves way for clarity in structuring integrated framework for quality assurance. It brings about a complete whole of necessary action plan for execution of effective teaching and learning experience. It also helps in deciding on the degree of significance of each aspect.

ISO 9001: 2008 Guidelines: Regular audit by ISO checks for regularities in quality issues on academic and administrative level. It also offers orientation of quality enhancement and thus helps in realizing quality experience regarding various academic and administrative activities.

Online Accumulation of Academic Data: A software designed by the Department of Computer Science has systematic way of accumulating academic information of all staff. It provides accumulated and processed information in order to realize the status of progress, its lacunas and need for enhancement in quality in certain areas. It contributes in providing ideas for designing integrated framework of quality assurance.

6.5.3 *Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.*

The institution provides training to its staff in the effective implementation of quality assurance procedures. The following are the details of the most recent training programmes and their impacts:

- College Sponsored Training and Orientation Programmes for Staff
- NAAC Sponsored Seminars on Quality Enhancement
- The Visit and Address by NAAC officials
- Special Programmes for Staff on Using Advanced Library Services

6.5.4 *Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?*

Yes, academic audit is done by institution from time to time. Every teacher is provided a academic diary at the beginning of the semester to keep track of academic activities. This diary is cross examined by the Principal. The results are analyzed by the Principal with the faculty. Steps are discussed to improve the results. There is a Teachers' Appraisal Committee that monitors academic



development of each faculty. Following are some of the outcomes used to improve the institutional activities.

- Need for basic research to promote scientific research attitude.
- Promoting teachers for institutional level research projects.
- Regularize the activities of MoUs

External review of the academic performance of teachers and administrative staff is done by ISO 9001: 2008 regularly. It also reviews the academic provisions available on the campus. The following are the suggestions made by ISO 9001: 2008 that helped in improvement of quality.

- Emphasis on interdisciplinary and interdepartmental programmes.
- Commencement of short term skill oriented programmes.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

Internal quality assurance mechanisms are aligned with the external quality assurance agency like ISO and NAAC. IQAC looks after all issues concerning quality both academic and administrative. IQAC provides necessary information in the meetings held with teaching, nonteaching, library staff, and management. IQAC keeps the pace with all necessary actions and programmes to be conducted within time framework so as to fulfill all the criteria of ISO certification and looks after fulfilling the suggestions by ISO.

IQAC vitally engages itself in the preparation of college on different 7 criteria in accordance with rules and regulations provided by NAAC Bangalore for subsequent assessment and accreditation. IQAC also implements various suggestions schemes given by UGC, New Delhi.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Academic calendar is prepared and detailed layout of the teaching plan is incorporated in the calendar. The calendar sets a time bound frame for completion of syllabus and revision by teachers. Students are also benefited by this academic calendar. Head of department continuously monitors the academic calendar of respective faculty. Attendance is compulsory taken for every lecture. The tutorials & internal test are carried out. The answer paper are regularly assessed in time & the record of marks obtained by students is kept. From the performance of students, the students' level is judged by the staff & counseling is given to slow learners. Parents meetings are regularly held to brief parents about their child's performance.



6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

Policies & plans regarding the quality assurance are communicated to the teaching & non-teaching staff through meetings, DCANET, college website, notices etc. The students are also made aware of such policies through various programmes. The external stakeholders are briefed about the policies through various platforms like Alumni Association, parent meet etc. Feedbacks are collected from these stakeholders & suggestions are incorporated in the policies. College prospectus and magazine consist of Vision and Mission statements, messages from the Secretary, the President and the Principal. It also provides institution quality policy, annual report, achievements & activities of the faculty & students in various fields. College website does provide necessary information indicating its quality assurance policies and its mechanism. Website is browsed by the stakeholders more often.



CRITERION VII: **INNOVATIONS AND BEST PRACTICES**

7.1 Environment Consciousness

7.1.1 Does the institute conduct a Green Audit of its campus and facilities?

- Yes, Deogiri College conducts Green Audit at the levels of energy conservation, water conservation, waste management and pollution control. Faculty and students from Department of Environmental Science and Geology undertook the audit.
- During the last four years, the Department of Geology, Botany, Zoology and Environmental Science actively contributed in spreading environmental awareness through the activities like ‘No Vehicle Day’, rainwater harvesting, artificial recharge, observation of World Water Day, waste water recycling, Eco Club, etc.
- College campus is ‘plastic and tobacco free’ and the campus and its surrounding area is declared as ‘Silence Zone’.
- The units of NSS and NCC regularly undertake tree plantation program at college campus. Though the college has very little space to plant trees, it constantly attempts to take care of the eco-system like birds, trees and plants on the campus.
- Classrooms, laboratories, library, reading halls, offices, departments, hostels rooms and washrooms have sufficient ventilation and sunlight, which result in minimum use of electrical equipments like fans and lights.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- **Energy Conservation**
The college has a big number of electronic and electrical equipments such as computers, LCD projectors, tube lights, CFLs, etc. For efficient use of electricity, various means like notices, oral instructions and awareness programmes like Dnyanprabodhini are used so that the importance of conservation of energy would be inculcated among students and employees. The college makes use of energy-efficient Compact Fluorescent Lamps (CFL). Tube lights are being replaced by CFL and the number of them has reached 299 while the number of tube lights is 220. Besides it, the college has 34 solar panels for water heating at Girls’ and Boys’ hostels.
- **Use of Renewable Energy :**
The use of renewable energy like solar energy is done at college hostels. The details are as follows:



Sr.No	Hostel	Solar Panals	Capacity	Make
01	Boys' Hostel	18	9000 Litres	TATA
02	Girls' Hostel	16	10,000 Litres	TATA

Besides the use of solar energy at college hostels, the college plans to make use of solar energy to light up the area around the college play ground where citizens of the city come to take morning and evening walk.

➤ **Water Management:**

Initiatives taken for Minimizing the Use of Water: -

- 1) First we have identified areas where maximum use of water is done like Boys' and Girls' Hostels & watering the lawn on playground and in front of girls' hostels.
- 2) Disconnected direct supply of water to bathrooms in the hostels. Student will have to fetch water to bathroom from a tap outside the bathroom. It ensures the minimum use of water.
- 3) Everywhere press tabs are used to receive water & thus wastage of water is avoided.
- 4) For lawn, we use recycled water. Times like early morning and evening are sought to water the lawns in order to prevent evaporation loss.
- 5) In every department laboratory, small tabs are used.

Rain Water Harvesting Project:

The area in which Aurangabad is situated suffers from drought conditions frequently. As this region comes under shadow zone, it faces the problems of low rainfall. Its average rainfall is only 700mm. The frequent conditions of scarcity of water compel for best management of available water. As a result, Rain Water Harvesting unit is established in the college.

The Rainwater Harvesting & Water Management programme in Deogiri College Campus is one of the ideal projects of Rainwater Harvesting in this region.

Deogiri College having total 12.5 hector i. e. 550000 sq. feet of land area; hence if there is average rainfall of 600mm, the total amount of harvested rainwater in groundwater is 33 million liter. In campus, we have divided rainwater harvesting scheme into two divisions.

- Roof water harvesting in particular building is carried out. Roof water is collected in horizontal pipes & all the pipes are connected to a large pipe (10 inch) that carries water to dugwell. On the days of high rainfall upto 90 to 100mm per day water is harvested in the the dugwell. The surplus water increases pressure due to which, water goes into rocks through cracks & joints present in subsurface rock. It is the reason that there is no overflow of rainwater from dugwell as subsurface rocks porosity is high so in this process,

all roof rainwater is directly percolated in subsurface of rocks. In this way, groundwater potential & water table of area are increased.

- Second method of harvesting is surface rainwater recharge. For this purpose we have divided total campus area into three parts depending upon slope of surface. According to this method, three recharge pits are constructed having size of 15x15x10 feet. They are filled with boulder at the bottom, metal upto 3 feet above and then large size of sand 3 feet making a filter bed. First pit is constructed near Dugwell in NW corner of campus in which surface water of Senior College Campus, Biotech Campus, Ladies Hostel & parking area is accumulated through subsurface drainage line. Second filter bed is constructed in south part of campus near Junior College gate. There is a borewell taken & around which filter bed of size 15x15x10 feet is constructed in which all Junior College surface area water is directed to. Third filter bed is made in SE corner of campus behind engineering workshop where water from the Engineering College is accumulated. In this way, the college saves 33 million liter water in college campus.



Fig - Recharge Filter bed (15x15x10) near dugwell



Fig - Recharge Pit of 5x5x7 feet near borewell



Fig - Roof Water Harvesting in College building



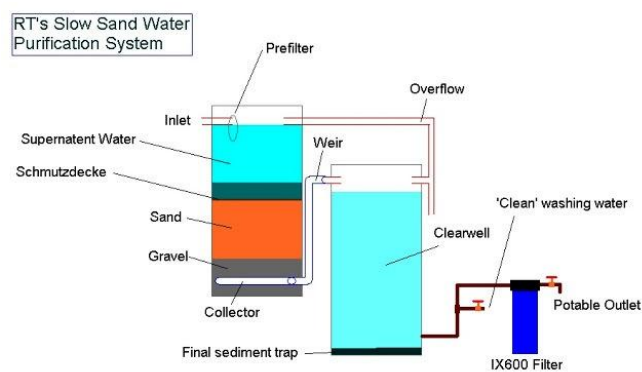
Fig - Effect of Artificial Recharge in dugwell

This is one of the best & idea Rainwater Harvesting plan in our region. Large no. of farmer, people, school boys & researcher also visit the college to see this plan. Due to this harvesting during drought year 2013, the two electric pumps of 7.5 HP & 5 HP were continuously yielding water from dugwell in summer when maximum dugwells in the region become dry.

Recycling of Water:

- In girls' hostels of Deogiri College, there is accommodation facility for 600 girls. For domestic purpose, per head use of water is near about 150 liter. So total water requirement for domestic use in girls hostel per day is 600×150 liters (90,000 liters) and it is 27,00,000 liters for one month and yearly it is 32,40,0000 liters.

To recycle the used water used in the hostel, a separate pipeline is provided for waste water from bathroom. It accumulates in a filter bed constructed between the engineering building and the hostels with the size of 8 X 15 X 10 feet and it is filtered there. When water circulates through this filter bed by gravity at lower level all the filtered water is collected in another tank. This filtered water is reused for gardening and watering the lawns. With the help of this technique, we could save 43,20,000 liters every day. Following is a graphical view of the plant.



Purification of Water:

- In Deogiri Campus every day, the daily requirement of water is 30000 liter for drinking purpose. Groundwater quality in our area is polluted, the percentage of pollution varies depending upon location of dugwell. To provide purified water to all staff member & students, a water purification plants near dugwell is established. It purifies 1500 litres of water per hour and it works for twelve hours per day thus providing 30000 liters of purified water to all staff, students & inmates of girls' & boys' hostels.

Efforts for Carbon Neutrality:

- The college takes all possible efforts to bring carbon neutrality. Ours is a zero carbon emission campus as we do not use refrigerators, air conditioners and other carbon emitting equipment beyond the permitted scale and point. Parking lots are located close to the entrance of the college. The carbon emissions tests are regularly conducted on vehicles of staff and students by the staff and students of Department of Environment Science. Also emission



test certificate is mandatory for the vehicles of college and staff. Plastic bags are strictly banned in the college campus and in canteen. Instead of plastic cups, we use paper cups and paper plates for tea and snacks. Cigarettes and tobacco products are strictly banned in the campus.

Plantation:

- To generate a culture of love for agriculture, the College takes initiative to engage students in cultivation of plantain, tapioca, elephant yam, colocasia etc in the vacant land under the auspicious of the NSS.

Following are the details about the vegetation:

Type	Trees	Shrubs	Lawns	Potted Plants
Number	150	99	04	30

College outsources the services to look after the lawns, shrubs, trees and plants on the campus. Besides this, NSS unit assigns duties to its volunteers to look after trees. Each volunteer is given the responsibility to look after a tree.

Hazardous waste management:

- The College does not offer courses using chemicals and compounds with high risk of intensity and side effects. Neither is the use of radio-active substances made. Therefore, the question of hazardous waste does not arise at all.

E- Waste management:

- Currently the College is in talk with the ICT equipments distributors to college regarding the management, disposal and recycling of e-waste at college campus. The quantity of the e-Waste is negligible.

7.2 Innovations:**7.2.1 Give details of innovations introduced during the last four years, which have created a positive impact on the functioning of the college.**

It has been the part of constant efforts by college to provide necessary facilities and well developed infrastructure as to bring about learning friendly ambience in the college campus. Keeping this in view, the college has introduced the following innovations



INNOVATIONS IN ENVIRONMENT & HEALT CONSCIOUSNESS

AWARENESS ACTIVITIES:

- Feeders and water pots are set in the premises of college campus for birds and it ha proved very helpful for birds to quench their thirst especially in summer. It is done by taking into consideration the large number of birds named common myna (*Acridotheres tristis*).
- The area in which Deogiri College is situated suffers from drought conditions frequently. Frequent conditions of scarcity of water compels for best management of available water. As a result, Rain Water Harvesting unit is in function in college harvesting 20000000 litre of water every year. It accumulates water in the well from Junior College Block, Library and Commerce Block. The water is also used to recharge the borewell on the campus. College has spent Rs. 5,96,279 to set up the unit.
- A Waste Water Treatment Plant for recycling of waste water is constructed on the area between girls' hostels and Biotechnology building. It has the capacity of **20,000 litres**. The water is mainly utilized for watering the lawns and trees.
- NSS unit organizes cleanliness programs for the Central Bus Station and Government Hospital. Three hundred volunteers take part in this activity every year. They not only clean the premises of the station and hospital but also undertake various activities in which they request passengers for clean and safer journey; they orient them on the importance of cleanliness & its advantages, etc.
- College hostels use solar panels for heating water and thus reduce pressure on electricity. There are 24 solar panels with total capacity of 19,000 litres used for water heating in Girls' and Boys' hostels. It has resulted in reducing the pressure on electricity usage.
- College has established a Health Centre with a regular doctor named Mrs Vaijayanti Damodar Bankar (Ubale). The doctor is available in the centre from 9.00am to 1.00 pm. She also makes visits to Girls' Hostel Sundays. Students from Girls' & Boys' hostels, teaching and non-teaching staff at college make use of the services.
- Yoga Teaching Camps held at the College campus have been effective and received overwhelming response. As a result, College has regularized the activity. Yoga Teaching Committee looks after the management of it.

Following are the details of the activity during last four years.

Sr. No	No. of programmes organized	In association with	No. of beneficiaries
01	05	Institute of Yoga, Patanjali, Bihar School of Yoga, Yog Sadhana Institute, Aurangabad, etc	1490



INNOVATIONS IN CURRICULAR & CO-CURRICULAR ASPECTS:

- Central Research Laboratories for advanced scientific research has been enriched through the grants from UGC. Centrality does offer access to all the departments in the college. It is also proving helpful for the researchers from other colleges as well.
- Commencement of degree course like Bachelor of Vocation in Jewellery Designing & Gemology and Multimedia and Animation has been an outstanding academic innovation on the part of the college. The course approved by UGC bears the innovative features like academic flexibility where students have option to opt for career and it is not necessary to complete the course if the student desires to go for a job.
- A special centre named Apex Career Academy for the guidance of competitive exams, like MPSC, UPSC and banking. It offers guidance to the college students on MPSC, UPSC and Banking exams. It frequently arranges free seminars on various issues related to the exams at college.
- The Department of History and Geology have museums. The museum at the Dept. of History consists of unique and special pieces of artefacts and the museum at the Dept. of Geology has systematically preserved various specimens of gems, stones and rocks.
- In order to provide opportunities to students for learning at post graduation level in the subject of Mathematics and Geology, PGs in the subjects have been commenced. Besides it, Sanskrit is introduced at UG level. This initiative has resulted in fulfilling the demand of many students.
- The college organized a special training event entitled **Motivational Bridge Course in Mathematical Methods in Physics and Laboratory Practices**. It was organized by the Department of Physics, Deogiri College for I and II year B.Sc students in association with **Indian Association of Physics Teachers RC-8** during 15th June to 9th July, 2011. It was sponsored by **Indian Academy of Sciences (IAS)**, Bagalore, **Indian Science Academy (INSA)**, New Delhi, **National Academy of Sciences, India (NASI)**, Allahabad. Total 69 students were oriented by very renowned and outstanding scientists like Prof. Dr. Jayant V.Narlikar, Prof. Dr. S. Ananthakrishnan, Prof. Dr. R. Nagrajan, Prof. Dr. P. N. Sen, Prof. Dr. R. N. Karekar, Prof. Dr. (Mrs) M. J. Narlikar, Prof. Dr. C. K. Desai, Prof. Dr. Shirish Pathare, Prof. Dr. Atul Modi, Prof. Dr. P. B. Patil, Prof. Dr. G. S. Raju, Prof. Dr. S. H. Behare, Prof. Dr..A. L. Chaudhari, Dr. Sunil S. Patil, Dr. S. D. Deshpade, Prin. V. H. Raybaghkar, Dr. S. M. Rampurkar, Dr. M. I. Iqbal and Dr. Ajay Mahajan. The issues like fundamentals of electromagnetism, Maxwell's equation, complex algebra and its application is Physics problems, functions, limits, delta functions, logical arguments, frame of references, inertial frame, Newton's equations, concepts of mass and force, Kepler's laws, electricity and magnetism, different methods of solution of differential equations, statistical mechanics, probability theory,



and probability distribution, thermodynamics, acoustics, optics, magnetism, etc were dealt by the resource persons with effective demonstration. This activity received wide acclaim in the region and student gave very positive feedback about activity. The management of the college also appreciated the efforts made by the college teachers.

- Centre for SARAL SANSKRIT EXAM organized by Sanskrit Bharati, New Delhi.

INNOVATIONS IN LIBRARY SERVICES:

- A Central Library with e-journals and photocopy facility.
- College library provides e-resources in the form online 113324 E-books besides the repository of college on its website which includes E-books, video lectures and relevant study material.
- College library gives best reader award to student by conducting an exam testing general knowledge of students.
- College library also extends help to Old People's Home named MATOSHRI OLD PEOPLE'S HOME by providing books to the inmates of the home. The staff of the library carries books to them and offers them the books. This activity has been appreciated by the old people.

INNOVATIONS IN RESEARCH AND CONSULTANCY:

- The special facilities like HPLC, AAS, FTIR, etc. are available at Central Research Laboratory. The research committee that looks after the functioning of the lab also offer consultancy services like testing and analyses of chemicals, plant extracts and other components for industries and research scholars from various institutes. In the last three years, the college could receive Rs. 29350/- from this consultancy services.

Following are the details of the users from outside:

Sr. No	Name of the industry/institute/individual	Equipments Used
11.	Chemische Technology, Waluj	FTIR
12.	Dnyanopasak College, Parbhani	HPLC
13.	Mr. A.S. Datta, MIT College, Aurangabad	FTIR
14.	Miss S.A. Deshmukh, JNEC, Aurangabad	FTIR
15.	Der. S.D. Saptarshi, MGM, Aurangabad	FTIR
16.	Mr. V.P. Ajgar, Aurangabad	FTIR
17.	Chattrapati College, Aurangabad	FTIR
18.	Bhagwat Nagolkar, Research Scholar, Dr. B.A. M. University, Aurangabad	FTIR & Activity
19.	Dr. S.G. Shankarwar, Research Scholar, Dr. B.A. M. University, Aurangabad	FTIR
20.	Prof. B. R. Arbad, Teacher, Dr. B.A. M. University, Aurangabad	FTIR



- Intensive programmes are organized to train the teaching faculty in research and research methodology. The programmes aim at various skills to be inculcated among teaching faculty. It includes orientation on formulation of minor and major research projects, effective use of e-resources, etc.
- College encourages the collaborative research by faculty. The departments like Chemistry, Botany and Zoology have received excellent outcomes out of the MoU signed for research collaboration. Dr. Nagwanshi Meena from the Department of Zoology, Dr. Rajurkar Suchita from the Department of Botany carry out their Major Research Project work sanctioned by UGC under the MoU signed between the Principal, Deogiri College and the Director, Paul Herbert Centre for DNA Bar-coding and Biodiversity Study, Dr. B.A.M. University, Aurangabad. The Department of Chemistry under the MoU with Government College of Pharmacy, Aurangabad has come up with four research papers published in international journals like European Chemical Bulletin, Journal of the Iranian Chemical Society and International Journal of Pharmaceutical Sciences and Research.
- Consultancy services by the Department of Geology are carried out regularly. Prof. Ashok Tejankar offers consultancy services like selection of site for dugwell and borewell for irrigation and drinking purposes, constancy for structure of the basement of engineering projects for multinational companies, watershed development programme, core logging for bridge and engineering sites, water analyses services for safer drinking water, preparing Contour, DEM, Lineament & Geology map of watershed and identification of gemstones.

INNOVATIONS IN TRAINING & PROFESSIONAL DEVELOPMENT:

- Intensive orientation and training programmes for teaching, administrative, library, Vice-principals and Principals.

Teaching faculty		Administration, Library, Vice-principals and Principals	
No. of Programs	Beneficiaries	No. of Programs	Beneficiaries
13	965	08	265

- College has appointed a special training and placement officer (TPO) who looks after the work of placement and ensures all students get information about the schedule of placements by various companies and their criteria of selection. It resulted in increase in placement rate of the college
- Workshops for the students before campus placement events are organized. As a result of the Tie-Up between Dr. B.A.M. University, Aurangabad and INFOSYS, Bangalore, the teachers from the college were sent to attend 'Train the Trainer Program' conducted by INFOSYS at their Pune campus. It has resulted in proper training to the students for the campus interviews and



number of students being placed has increased and reached 50 in the last three years.

INNOVATIONS IN EXTENSION ACTIVITIES:

- Adoption and economic help to drought affected areas. Marathwada region is highly affected by drought. The scarcity of water brings about myriad difficulties. The efforts of college to help nearby villages by giving them physical facilities and monetary assistance.
- College initiated special efforts to spread the awareness about the increasing rate of female feticide and the college's participation in the social activity like 'Jagar Janivancha' had been outstanding. It is an initiative by the Govt. of Maharashtra to encourage the awareness against the female feticide. The college received the first prize of Rs. 100000/- from Govt. of Maharashtra for the efforts it undertook on different level. Under this programmes, the activities like lectures, elocution competition, essay writing competition, wallpaper publication, poetry recitation competition, debate, workshops, yoga shibbir and conferences are organized. Since 2012, the events and activities have registered a very enthusiastic participation by girl students.
- The Department of Psychology has been providing psychological counselling services and offering psychological orientation to industry, school students and teachers from various schools. This extension activity of the department has been very fruitful. The department organizes workshops which includes stress management, aptitude testing, IQ testing, psychological testing, etc.

INNOVATIONS IN MANAGEMENT & PLANNING:

- Certification under ISO 9001:2008. The college regularly undergoes the administrative and academic audit by ISO 9001:2008 certifying company. It follows the process and system of documentation as inlaid in the ISO manual. We received the certificate without any non-conformity due to the collective efforts by teaching and administrative staff.
- College does short term and long term planning and chalks out its plan accordingly. College designs its perspective plan for five years, academic calendar for every year, environment activity calendar and IQAC makes planning on quality enhancement issues.
- Dept. of Computer Science and IT has developed user-friendly software to manage information about various academic activities and personal academic record of teaching staff. On the INTRANET of college, all staff members furnish the information like daily attendance, research activities and other personal academic achievements. The information can be categorized subject-wise or department-wise. It has resulted in effective management of



information especially of staff's academic performance. It also save paperwork and papers as well.

INNOVATIONS IN PRODUCTION OF SHORT FILM :

- Department of Dramatics at Deogiri College has ventured into making of a short film named **SHIRAMI**. It is based on a true story occurred in West Bengal about *Khap Panchayat* which punishes a girl from backward classes. Writing, direction, production for the film was done by Mr. Anil Salve, Head, Department of Dramatics. Students of the department acted in the film.
- *Shirmi* received **The Best Film Award** in **National Short Film Festival** organized at Aurangabad entitled "TECH'EVE".
- *Shirmi* received Jury Appreciation Award in **KOCHI International Short Film Festival, Kerala, 2015**.
- *Shirmi* is also selected for screening at **NIFF Nashik International Film Festival, Nashik, Maharashtra**.
- *Shirmi* is also selected for screening at **ANFF Ahemadnagar National Film Festival, Ahemadnagar, Maharashtra**.
- *Shirmi* is also selected for screening at **New Mumbai National Film Festival, New Mumbai, Maharashtra**.
- *Shirmi* also bagged the **Best Film Award** in Rotary Club sponsored National Film Festival entitled **SHIKHAR** at Aurangabad.



7.3 *Best Practice*

BEST PRACTICES:

- Student Mentoring Programme.
- Catch on the Gate.
- Observation of World Water Day.
- Intensive workshops on attitude, aptitude and interview skills before placement drives.
- Display of advertisement of vacancies from different Govt. and non government department.
- Provision of library services to Old People Home named Matoshri.
- Donation of books to needy institutes and public library.
- Extensive organization of study tours, industrial visits and field visits.
- Regular organization of guest lectures on health consciousness.
- Free of consultancy services to citizens, institutions, industries and villagers on bore and dug well site selection.
- Weather Station with Davis integrated sensor suit (ISS) & Davis Vantage Pro2.
- Rain Water Harvesting.
- Recycling of used water.
- Artificial recharge of bore wells.
- Teachers' active participation on BoS.
- Gender issue related activities entitled Jagar Janivancha.
- Intensive training programme on public speaking.
- Production of short films by Department of Dramatics.
- Feeders and water pots for birds on the campus.
- Health Centre.
- Gymnasium at college and girls' hostel.
- Jogging track around the play ground.
- Online academic information collection system.
- Display of paper cut outs by each department.
- Wall paper magazine publication.
- Literary Association, Social Sciences Association, Commerce & Management Science Association and Science Association's activities.
- Financial assistance to the projects of students.
- Special financial assistance to sports students.
- Felicitation of teachers on their successful completion of Ph. D. studies and 25 years of services.
- Dnyanprabodhini Lecture Series.
- Best reader award through competitive exam.
- Yoga Shibir
- Centre for SARAL SANSKRIT EXAM organized by Sanskrit Bharati, New Delhi.



BEST PRACTICE: I

1. Title of the Practice

Phule–Shahu–Ambedkar Lecture Series

2. Goal

Phule – Shahu – Ambedkar is one of the prestigious activities of the college that received overwhelming response from citizens of the city, students, staff and other stakeholders. The major aim of the series is to provide a platform for the expression on thoughts and works of Mahatma Phule, Rajashri Shahu and Dr. B.R. Ambedkar and their relevance in today's world. Year 2015 was the 24th year of the series. In the consecutive years, the issues and subjects addressed by many prominent personalities have enlarged the arena of goals and objectives of the series. It has widely reached out to the masses of the city. Its success lies in right identification of such streamline of thoughts in social and political milieu that have influenced the course of time, history, social, political and educational structure.

Following are the objectives of the series:

- **Dissemination of Thoughts and Works of the Thinkers:**

The main aim of the series is to spread the thoughts and great works done by these thinkers. It becomes essential to introduce and reintroduce the importance and value of the thoughts of the thinkers.

- **Discussion and Fruitful Outcomes:**

The college also aims at bringing about discussion of various issues related to the works of Dr. Babasaheb Ambedkar and Mahatma Jyotiba Phule and social reforms done by Rajashri Shahu. The interactions with the invited speakers offer new insights to look at the history and result in positive understanding of the present situation.

- **Seeking Relevance of their Ideas to the Present:**

The selection of issues and topics to speak on is done with fine precision in order to achieve a subtlety between the thoughts of the thinkers and current prevailing issues. What is valued in this regard is the relevance and interpretation of the ideas of the thinkers in relation with present social, cultural and educational issues.

- **Inclusion of Broader Perspectives:**

The college however also aims at orientation of audience on various novel issues and subjects that are related to various social, political and academic structures. The emergence of new issues and series of events and activities needs to be given proper thought in a systematic manner.

3. The Context

There had been always discussions and talks on the thoughts of these thinkers in isolation. The need was felt for a fine connection among the thoughts and ideas of the thinkers who represented fairly dissimilar sections of the society. However, the aim and motto with which they worked had made tremendous impact on the lives of many. There lies a proper network of connection among the trio. One has to understand the contribution of the thinkers by taking into consideration the works, thought and initiatives they took in various aspects. It is with this reason; the lecture series was established to understand the relevance of the thoughts of the trio in the present.

The impact of the trinity on the educational, social, political and cultural milieu of Maharashtra is greater. The three holds the key position in the history of the Maharashtra and their thoughts have always been inspirational for the whole subject of the state. Keeping this view in mind, college decided to yoke together the mission and vision of the college and the ideas of the great thinkers and reformists to offer an expression on their work in an organized form. The subjects chosen for the series are very carefully selected keeping in mind their relevance to day to day life of the people.

In the state of Maharashtra, the three social thinkers have contributed a lot to the development of society and upliftment of the masses stuck in age long poverty, ignorance and social injustice and discrimination. The Marathwada region holds witnesses to the major work done by Dr. Babasaheb Ambedkar. He was helped by Rajashri Shahu for his education and Rajashri Shahu was a constant support for Babasaheb. Mahatma Phule was the major influence on Dr. Babasaheb Ambedkar. It is his writings on various aspects of social injustice, ignorance, ideological structures that motivated Dr. Babasaheb for welfare of his fellow beings.

4. The Practice

College organizes the series for three days every year. The committee is formed and it looks after the planning and execution of the series. The press conference is called for the proper dissemination of information to the society. Due its significant management every year, the series is being recognized by every section of the society. Due to the proper dissemination of information, separate arrangements have to be made to accommodate the larger number of audience coming to attend the series. College organizes the event in the evening after 5 pm so, that students and citizens in the city can attend the programs. It also becomes easier for the office goers to attend the series.



- **Selection of Subject:** The selection of the topics and subjects are made by considering various issues like prevailing issues, tendencies, trends and major sociological, educational, economic and political changes. The repetition of the topics is avoided and various new outlooks and approaches are encouraged for the talk on the general issues.
- **Selection of Speakers:** The committee that looks after the planning and preparation for the series remains always in contact with people outside of the institution in order to seek consultation on inviting a right person to deliver her/his talk on the decided issues.
- **Dissemination of the Information:** Banners are printed with the names and topics of the speakers and they are displayed in the premises of the college. Wide publicity is sought in the daily newspapers. Press conference results in wide publicity of the event.
- **Role of the Management:** The participation and role of management in the organization of the event is encouraging. Members of management remain present for the series and also engage themselves in talk with the invited speakers.
- **Schedule:** Three speakers are invited; each one of them presents her/his ideas on the particular scheduled day. Generally a speaker speaks for about one and half hour.

5. Evidence of Success

The response to the series is overwhelming every year. It has not only proved fruitful in bringing about a platform to perform a proper presentation of the ideas and discussion on them but it has gained an authenticity as a prestigious activity of the college.

- **One of the Most Acknowledge Lecture Series in Maharashtra.**
The lecture series received acclaim all over Maharashtra. Due to the inclusion of variety of issues and speakers from vastly different fields, the series has held the significance on various levels. The participation of old people, members of different offices and students from the college and other institutes make the event more successful.
- **Apt Selection of Subject Matters and their Relevance:**
The credit of the success of the series lies in the selection of the subject and topic for the speakers to speak on. It becomes a thoughtful feast for the audience to listen to the thoughts of the speakers presented in systematic form by weaving the ideas of the thinkers and their relevance to the present specific issues. Some of the issues dealt with in the last three years are as follow:



Sr. No	Name of the Topic	Name of the Speaker
1.	Planning of Water in Drought Condition	Mr. Popatrao Pawar
2.	Chatrapati Shahu's Fight for Annihilation of Caste	Principal T.S. Patil
3.	Contribution of Mahatma Phule in Women's Education and its Outcome	Mr. B. G. Wagh
4.	<i>Lek Ladki</i> (Beloved Daughter)	Mrs Varsh Deshpande
5.	Spirituality and We	Mr. Sadanand More
6.	Indian Education System: Problems and Future	Dr. Uttamrao Bhuite
7.	Marathwada and Water	Dr. D. M. More
8.	Phule-Shahu-Ambedkar and Indian Renaissance	Mr. Raosaheb Kasbe
9.	Hold the Flag of Equality Higher!	Prof. Raja Dikshit

- **Eminent and Knowledgeable Speakers:** Subject matters do prove very important in seeking the relevance of the talk and hold of audience's attention more than area of expertise of the speaker and vice versa. Most of the time, the strengths of the speakers with their outstanding contribution in practical work towards society, education, research, politics, academics, organization, administration, etc.

It is also a matter of great success and achievement that very prominent people from different fields visited out college due to organization of the series. They visits to departments were also organized.

Following are the details of some of the speakers who made their deliberations on various issues:

Sr. No	Name of the Speaker	Details
1.	Padmashri Appasaheb Pawar	Ex- Vice Chancellor, Shivaji University, Kolhapur and renowned educationist.
2.	Mr. B. N. Deshmukh	Renowned Judge and Ex-MLC
3.	Mrs. Vidya Bal	Senior Feminist and Activist and editor of Women's Magazine
4.	Mr. Shivaji Sawant	A notable Marathi writer and researcher
5.	Mr. Hari Narake	Secretary, Mahatma Phule Samagram Wangmay Mandal and famous writer and thinker.
6.	Dr. Nirmalkumar Fadkule	Senior Marathi Writer.
7.	Prof. Pushpa Bhawe	Writer, social worker and activist
8.	Mr. Nikhil Wagle	Senior Journalist
9.	Dr. Suhas Palshikar	Senior Professor of Political Science, Writer and Analyst of political and social issues.
10.	Dr. Janardan	M.P, Ex-Vice Chancellor and a visionary



	Waghmare	educationist.
11.	Mr. Kumar Ketkar	Editor, senior journalist and analyst.
12.	Principal, Ram Shewalkar	Renowned Principal, writer, orator and educationist.
13.	Comrade Govind Pnasare	Social workers and leader of communist party.
14.	Mr. Ashok Jain	Senior Journalist.
15.	Dr. Yashwant Sumant	Renowned teacher, thinker Gandhian activist and good orator.
16.	Dr. Sadanand More	Researcher of <i>Sant Sahitya</i> and president of All India Marathi Literature Meet.
17.	Prof. Ram Bapat	Writer and activist with socialist ideology
18.	Dr. Baba Adhav	Socialist Movement Activist
19.	Mr. Ashok Desai	Judge, High Court, Mumbai.
20.	Mr. Uttam Kamble	Poet, Writer, Editor and Ex-President of All India Marathi Literary Meet.
21.	Dr. Bhaskar Bhole	Political thinker and renowned writer.
22.	Principal, Shivajirao Bhosale	Great orator, Principal, educationist, writer and Ex-Vice Chancellor
23.	Dr. N. Y. Dole	Visionary Principal and educationist
24.	Dr. Nagnath Kottapalle	Ex-Vice Chancellor, writer and critic
25.	Dr. Shrikant Jichkar	Academician, educationist and ex-minister.
26.	Vithal Wagh	Renowned poet
27.	B. G. Kolase Patil	Judge and social activist.
28.	Mr. Raja Dhale	Critic and social activist from Dalit Movement.
29.	Mrs. Medha Patkar	Social activist, key leader for the movement ' <i>Narmada Bachao Andolan</i> '
30.	Dr. Y. M. Pathan	Writer and critic and Ex-President of All India Marathi Sant and Sufi Literary Meet.
31.	Prof. Vishwas Patil	Renowned writer, great orator and civil officer.
32.	Mr. Sitaram Yechuri	MP, politician and diplomat at national level
33.	Mr. Amar Habib	Social thinker, writer and activist
34.	Dr. Jaishingrao Pawar	Historian and writer
35.	Mr. Bishop Thomas	Father and thinker of Marathi Sant Sahitya.
36.	Dr. Arun Nigavekar	Ex-Chairman, UGC and educationist.
37.	Ad. Prakash Ambedkar	Descendant of the Ambedkar Family, a politician, a good diplomat
38.	Mr. Shrimant Kokate	Renowned speaker and expert in history of the region
39.	Dr. Abhay Bang	Social Worker and winner of Raman Magasese Award
40.	Dr. Anand Karve	Great researcher in agriculture and tools for agriculture
41.	Mr. Popatrao Pawar	Great planner at <i>Panchayat</i> and village level, visionary <i>Sarpanch</i> .



42.	D. B. Karnik	Senior Journalist and thinker
43.	Dr. Fakaruddin Bennur	Senior Political Science Thinker and Activist
44.	Mr. Arun Sadhu	Senior Journalist, and Ex-President of All India Marathi Literary Meet.
45.	Mr. Suresh Dwadashiwar	Senior Gandhian thinker at national level

- **Participation of students, old citizens and common people of the town:**
The overwhelming participation by students, teachers, old people, office goers and other stakeholders make the event more successful. During the lecture series in 2015, total number of 1154 people registered their presence for the talks in three days.

6. Problems Encountered and Resources Required

There had been no major problem except the inadequate seating arrangement in the auditorium. The problem was solved by making the arrangement of projectors outside of the auditorium. The staff takes part into the programmes' management and organization.

7. Notes:

The lecture series is considered as one of the most outstanding series in the state of Maharashtra.

8. Contact Details:

Name of the Principal: Dr. Manikrao L. Jadhav

Name of the Institution: M.S. P. Mandal's Deogiri College, Aurangabad.

City: Aurangabad.

Pin Code: 431005

Accredited Status: A (CGPA 3.39)

Work Phone: 02402367303

Website: www.deogiricollege.org **Email:** principal@deogiricollege.org



BEST PRACTICE: II

1. Title of the Practice:

Exhibition and Demonstration of Science Experiments for School Students

2. Goal:

The practice is a result of a discussion that took place in a meeting between the teachers of primary and secondary school and the science teachers of the college in 2009-10. The teachers of the schools expressed the necessity of knowledge and information of advanced science experiments to school students in order to bring them idea how primary and basic knowledge of science subject is to be related and explored on a larger and more scientific manner. The need was also felt that the students of the school need to understand how it has become essential to understand and recognize the importance of concentrated and specialized studies. Students need to choose a subject to have thorough knowledge of. The visits to senior college and its fullfledged laboratories would offer them idea how there are opportunities to pursue one's research in specialized way. Besides making the ideas of students clear about what they wish to do in higher studies and what subject they want to pursue as their research interest, the visit also results in creating penchant for a particular subject they never have thought of or they got to study in their classes. For example, specializations like microbiology offer them idea of possibility of such specialized research and result in enlarging their horizons of possibilities and thinking capabilities.

With all these goals the practice was initiated. However following are the objectives the institutions wishes attempts to fulfill.

- **Exporsure to school students to infrastructure of the college:**
As the students of primary and secondary school remain unaware of possibilities for ideal infrastructure and possibilities of higher level of research to be undertaken assisted by rich environment made available on the college campus.
- **Offering the students an experiecne of laboratories and research laboratories.**
The college aims to bring the students actual experience of working out science experiments at college level. The experience of the students being in the laboratories of the colleges expecially that of research laboratories results in understanding the nature and culture of research available on the campus. They are enriched with the idea that they can initiate higher level of research and they can also associate the scientific knowledge they have with the higher level of research.



- **Encouraging college students to make presentations.**

This event becomes doubly successful due to the active participation of college students in the demonstrations and experiments. Students of various science departments are encouraged to participate the event as volunteers and demonstrators.

- **Variety of subjects and variety of experiments.**

All science departments take part in the event and it helps students to receive knowledge of various streams in sciences. They move around the various laboratories including the Department of Mathematics where they get to see the demonstrations on the topics like ‘Golden Ratio’, Puzzles in Mathematics, ‘Maths’ Magic’, etc.

- **Theory in action.**

The event is planned to provide the students practical knowledge of various theories and subjects in the field of science.

3. The Context:

As it is mentioned above, the need for such activity was strongly felt and expressed by the teachers and headmasters of various Govt. and aided schools visiting to the college on the various occasions. It was mainly spoken out in a workshop held by the Department of Physics for school teachers. In the programmes organized by Department of Psychology the need was also expressed by the teachers of schools under M.S.P. Mandal, Aurangabad. Since then, the Department of Psychology also takes part in the event.

- **Bridging the Gap:**

The event bridges the gap of knowledge of students. It prominently helps in understanding the basic knowledge of the subject and its higher level of application. The practical use of knowledge they have strengthens students confidence in recognition, acquisition, retention and relevance of the knowledge and information.

- **Reaching Out:**

The institute is committed to reaching out to each section of the society and spread awareness about education and advanced knowledge. It observes its commitment to social cause as well. The present event proves very fruitful in order to reach out large number of students very meaningfully and create a bond of mutual understanding.

- **Integrated learning:**

The present activity has big context that of ‘integrated learning’ as proposed by the policy of higher education. Such type of learning ushers in the learners’ better acquisition of the knowledge of various subjects. It correlates itself with extension activities of the institution.



4. The Practice:

The event is organized with well formulated schedule which includes the proper planning, distribution of responsibilities, dissemination of information about the event among various stakeholders and schools in the city. The schedule and list of experiments and demonstrations is prepared. Students are assigned responsibilities to work as demonstrators in certain laboratories. They prepare themselves for such demonstrations and keep their sets ready for the day. The departments also assign duties to certain teachers to look after the whole process as coordinators.

Teachers of schools are contacted and the schedule of the event is communicated to them. Usually, the students of 8th, 9th and 10th standard visit the college in majority. They are accompanied by their class teachers.

Orientation Session: The event starts with an orientation session that includes welcoming the students and teachers and providing them understanding about the event.

Exhibition and Demonstration of Experiments and Helping the Studnets to Perform them: The students who are working as demonstrators remain present in the respective laboratories and demonstrate the visiting students the experiments. They not only demonstrate and exhibite the science experiments but also help the students to perform the experiments.

Inclusion of Experiments from the Curriculum of High School: It is taken care of that the deomonstration and exhibition should include the experiments from the curriculum of the high school.

Use of ICT Tools: The departments make use of ICT tools like projectors. Students are shown the slide shows on various topics.

Students of various schools accompanied by their teachers visit the laboratories in groups. Usually there are as many groups as there are teachers available with them.

5. Evidence of Success:

The main success of the event lies in the growing number of schools and students visiting the college on the day. The activity has been very successful since 2010. On the demand of the school teachers, the Department of Pshology, Department of English, Department of History also organizes demonstration and exhibitions issue related to their subject. The Department of Psychology organizes experiments and exhibitions on psychological experiments and tests. The Department of English includes functioning of English Laguage Laboratory, articulation of sounds, etc. The Department of History has a fulfilled museum and it provides the students with the



information about the artifacts, replicas and remains of old culture available in the museum. Following are the names of the school visiting the college on the day.

Sr. No	Name of the School	Location
1.	Mahatma Phule High School	Ahilyabai Holkar Square, Padampura, Aurangabad.
2.	Government Public High School	Rachnakar Colony, Aurangabad
3.	M.S.P. Mandal's New High School	Harsul, Aurangabad
4.	M.S.P. Mandal's New High School	Chikalhana, Aurangabad

Following are the details of the students visiting the college for the event.

Sr. No.	Year	No. of students visiting
1.	2010 – 2011	300
2.	2011 – 2012	166
3.	2012 – 2013	220
4.	2013 - 2014	180
5.	2014 - 2015	229

Following are the details about the volunteers cum demonstrators and science experiments.

Sr. No	Name of the Student	Title of the Experiment
1.	Kalaskar Y. R.	Verifying volume of a liquid displaced by body fully immersed in it is equal to volume of the body.
2.	Wadgaonkar Y. B.	Laws of reflection of light.
3.	Muley Prajakta	Structure <i>Entamoeba</i>
4.	Dhopate Priyanka	Microscope Structure of <i>Amoeba</i>
5.	Dhanawate Ashlesha	Structure of Animal Cell
6.	Shaikh Azhar Mohammad	The Universe, earth, its motion and internal structure of the earth.
7.	Kamble Namdeo Suren	Volcano structure, products of volcano
8.	Dhole Sandip Punjaji	Mineral cycle, sample of minerals.
9.	Gavande S. V.	Series connection of resistances
10.	Gadhe R. S.	Parallel connections of resistances
11.	Manik Vivek	Cocci- Microscopic Observation
12.	Miss Deepika	Rods: Microscopic Observations
13.	Reghe Bhaskar	Yeasts: Microscopic Observations



6. Problems Encountered and Resources Required:

It is observed that the schools face problems in taking large number of students to the college. Besides this, the schools from distant places find problems in reaching the college. Many teachers expressed the wish that the college should organize the experiments and demonstrations at their schools.

It is also felt that the college cannot accommodate very large number of students for the event. However the college makes proper arrangement in order to run the event smoothly. The college requires financial assistance to organize the event on a larger scale.

7. Notes:

The feedback received from the teachers has been very positive. Teachers have registered their satisfaction and gratitude towards the college for the organization of the event.

8. Contact Details:

Name of the Principal: Dr. Manikrao L. Jadhav

Name of the Institution: M.S. P. Mandal's Deogiri College, Aurangabad.

City: Aurangabad.

Pin Code: 431005

Accredited Status: A (CGPA 3.39)

Work Phone: 02402367303

Website: www.deogiricollege.org **Email:** principal@deogiricollege.org

**DEPARTMENT OF CHEMISTRY**

1. Name of the department : **CHEMISTRY**
2. Year of Establishment : **1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG, PG, Ph.D.**
4. Names of Interdisciplinary courses and the departments/units involved - **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	07
Asst. Professors	08	02
Asst. Prof. (CHB/Fix Pay)	15	15

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

a) Permanent Faculty:

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	Dr. R. P. Pawar	M. Sc., Ph.D.	Head & Asso. Prof.	Org. Chemistry	25
2	Dr. B. A. Kushekar	M. Sc., Ph.D.	Asso. Prof.	Phy. Chemistry	34
3	Dr. B. S. Jadhav	M. Sc., Ph.D.	Asso. Prof.	Phy. Chemistry	36
4	Dr. C. S. Patil	M. Sc., Ph.D.	Asso. Prof.	Phy. Chemistry	26
5	Dr. M.V. Katariya	M. Sc., Ph.D.	Asso. Prof.	Inor. Chemistry	24
6	Dr. S. R. Bembalkar	M. Sc., Ph.D.	Asso. Prof.	Phy. Chemistry	26
7	Dr. S. B. Ubale	M. Sc., Ph.D.	Asso. Prof.	Phy. Chemistry	22
8.	Dr. R. D. Ingle	M. Sc. Ph.D.	Asso. Prof.	Org. Chemistry	08
9.	Mr. S.U. Deshmukh	M. Sc. NET	Asso. Prof.	Org. Chemistry	07

b) CHB / Fix Pay Staff:



Sr. No	Name	Qualification	Designation	Specialization
Fix Pay				
1	Mrs. D. A. Padve	M. Sc.	Assi. Prof.	Ana. Chemistry
2	Mr. S. D. Bhosale	M. Sc., NET.	AssI. Prof.	Org. Chemistry
CHB				
3	Mrs. R. L. Magar	M. Sc.	Assi. Prof.	Org. Chemistry
4	Mr. S. D. Irale Patil	M. Sc.	Assi. Prof.	Org. Chemistry
5	Mrs. S. S. Kawtale	M. Sc., SET	AssI. Prof.	Org. Chemistry
6	Mr. J. S. Godse	M. Sc.	Assi. Prof.	Org. Chemistry
7	Mrs. V. S. Ugle	M. Sc.	Assi. Prof.	Ana. Chemistry
8.	Miss. A. P. Pawar	M. Sc.	Assi. Prof.	Org. Chemistry
9.	Mrs. S. S. Badade	M. Sc.	Assi. Prof.	Org. Chemistry
10.	Mrs. D. D. Patni	M. Sc.	Assi. Prof.	Org. Chemistry
11.	Mrs. P. B. Nirgude	M. Sc.	Assi. Prof.	Ana. Chemistry
12.	Miss Kadam V. P.	M. Sc.	Assi. Prof.	Comp. Science
13.	Mrs. R. G. Basak	M. Sc.	Assi. Prof.	Org. Chemistry
14.	Mrs. K. U. Gawai	M. Sc.	Assi. Prof.	Inorg. Chemistry

CHB/Fix Pay Teaching Staff : 14

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 30%

13. Student -Teacher Ratio (programme wise)

Class ↓ Year →	2010-2011	2011-2012	2012-2013	2013-2014
	B. Sc. I st Year	47.8 : 01	52.2 : 01	74.5 : 01	78.2 : 01
B. Sc. II nd Year	29.5 : 01	42.5 : 01	42.8 : 01	63.8 : 01
B. Sc. III rd Year	33.5 : 01	33.0 : 01	42 : 01	41.8 : 01
B. Sc. (Anal) I st Year	23 : 01	21 : 01	32:01	26:01
B. Sc. (Anal) II nd Year	15 : 01	21 : 01	16:01	25:01
B. Sc. (Anal) III rd Year	16:01	12:01	20:01	17:01

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 08

15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil / PG.

Sr. No.	Staff with Ph.D.	Staff with PG
1	08	01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: 02

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received.

2010-11 : Major Project funded by UGC of Rs. 3,09,500/- (UGC 38-50/2009) "Organic Transformation Using Green Approach" to Dr. Rajendra P. Pawar



- 2011-12 : UGC - Major Project of Rs. 3,09,500/- to Dr. Rajendra P. Pawar
- 2012-13 : UGC - Major Project of Rs. 3,09,500/- to Dr. Rajendra P. Pawar
Minor Project funded by UGC of Rs. 1, 60,000/- (UGC-47-1977/11 WRO) "Synthesis of some biologically active Heterocyclic compounds" to Mr. Satish U. Deshmukh
- 2013-14: Minor Project funded by UGC of Rs. 90,000/- (UGC 47-287/12) "Synthesis and Biological Screening of Alpha-Amino Phosphonates" to Dr. Rajendra P. Pawar.
UGC Minor Project of Rs. 1, 60,000/- to Mr. Satish Deshmukh

18. Research Centre /facility recognized by the University : University recognized Ph.D research centre.

19. Publications:

a) Publication per faculty:

- Number of papers published in peer reviewed journals (national /international) by faculty and students:

Publication	2010-2011	2011-2012	2012-2013	2013-2014
Articles	06	06	12	12
International	05	05	11	12
National	01	01	01	00

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :

36

- Monographs **00**
- Chapter in Books **03**
- Books Edited **01**

1) **Bioactive Heterocycles: Synthesis and Biological Evaluation**, Nova Science Pub Inc, USA, December 20, 2012 (ISBN- 978-1-6225-7636-4) (Dr. R. P. Pawar)

- Books with ISBN/ISSN numbers with details of publishers **06**

- 1) **Injectable Polymers for Regional Drug Delivery, "Targeted Delivery of Small and Macromolecular Drugs"** CRC Press, USA, 2010 (ISBN- 978-1-4200-8772-7).
- 2) **Chemistry, Text Book for B. Sc. Ist Year, Anand Publication, Aurangabad.**
- 3) **Essential Chemistry Book for B. Sc. IInd Year, Anand Publication, Aurangabad.**
- 4) **Bioactive Heterocycles: Synthesis and Biological Evaluation**, Nova Publications USA, (ISBN- 978-1-6225-7636-4), on 20th December 2012.
- 5) **Concise Chemistry Book for B. Sc. IIIrd Year, Anand Publication, Aurangabad**



- 6) **Progressive Chemistry for B. Sc. I Year**, Education Publications, Aurangabad, 2013, (ISBN No. 978-938087643-6).
- 7) **Fundamental Chemistry, B. Sc. I Year**, Anand Publications, Aurangabad, 2013, (ISBN No. 978-8220213-4).

- Citation Index

Sr. No.	Name of the Teacher	All Citations							
		2010-2011		2011-2012		2012-2013		2013-2014	
			Since 2009		Since 2009		Since 2009		Since 2009
1	Dr. R. P. Pawar	389	222	525	358	661	494	824	657
2	Dr. C. S. Patil	28	08	36	16	44	24	55	35
3	Dr. M.V. Katariya	02	02	05	05	11	11	17	17
4	Dr. S. R. Bembalkar	01	01	03	02	07	06	19	18
5	Dr. S. B. Ubale	06	02	07	03	08	04	10	06
6	Dr. R. D. Ingle	01	01	-	-	02	02	01	-
7	Mr. S. U. Deshmukh	-	-	02	02	15	15	26	26

- SNIP Nil
- SJR Nil
- Impact factor 29.3

a) Academic Year 2011-2012

- 1) Int. J. Ind. Chem., 2(2), 112-116, 2011. (ISSN 2228-5547), International (Impact Factor: 0.00).
- 2) AIP Conf. Proc., 1393, 275-276, 2011, (ISSN 0094-243X), International (Impact Factor: 1.00).
- 3) Int. J. Ind. Chem., 2(2), 69-77, 2011, (ISSN 2228-5547), International (Impact Factor: 0.00).
- 4) Bioorganic & Medicinal Chemistry Letters, 21, 2527-2532, 2011, (ISSN 0960-894X), In Int. J. Ind. Chem., 1(1), 46-51, 2010, (ISSN 2228-5547), International (Impact Factor: 0.00). International (Impact Factor: 2.54).
- 5) Analytical Chemistry: An Indian Journal 10(4), 2011, National. Chromatography Research International, ID 929876, 9 pages, 2011. (Print ISSN: 0009-5893, ISSN : 2090-3510), International (Impact Factor: 1.08).
- 6) Chromatography Research International DOI No : 10-4061/256812, 2011, International (IF- 1).

b) Academic Year 2012-2013

- 1) Journal of Iranian Chemical Society, DOI 10.1007/s13738-012-0152-x, 2012, (ISSN 1735-207X), International (Impact Factor: 1.70).
- 2) Journal of Chemistry and Chemical Sciences, 2(3), 128-137, 2012, (ISSN 2999 - 760X), National (Impact Factor: 0.00).
- 3) Letters in Organic Chemistry, 9(7), 526-529, 2012, (ISSN: 1570-1786), International (Impact Factor: 0.77).
- 4) European Journal of Pharmaceutics and Biopharmaceutics, 82(1), 85-93, 2012, (ISSN: 0939-6411), International (Impact Factor: 4.40).



- 5) Medicinal Chemistry, Research, DOI 10.1007/s00044-012-0109-8, 2012, (ISSN 1054-2523), International (Impact Factor: 1.27).
 - 6) Medicinal Chemistry, Research, DOI 10.1007/s00044-011-9943-3, 2012, (ISSN 1054-2523), International (Impact Factor: 1.27).
 - 7) Scientia Pharmaceutica, 80, 379–391, 2012, (ISSN 0036-8709), International (Impact Factor: 0.86).
 - 8) Current Organic Chemistry, 16, 1485-1501, 2012, (ISSN: 1385-2728), International (Impact Factor: 3.06).
 - 9) Asian Journal of Chemistry; 24,(12), 5708-5710, 2012, National
 - 10) Research Journal of Recent Science, 1(ISC-2011), 281-288, 2012, (ISSN 0976-3031), National (Impact Factor: 0.00).
 - 11) Synthetic Communication, 42, 1509-1520, 2012, (ISSN 0039-7911), International (Impact Factor: 1.06).
 - 12) Chromatography Research International, Volume 2012 (2012), Article ID 806068, 10 pages, doi : 10,1155 / 2012 / 806068, (Print ISSN : 0009-5893, ISSN : 2090-3510), International (Impact Factor: 1.08).
- c) Academic Year 2013-2014
- 1) Journal of Chemistry, (DOI: 10-1155/840954,2013), International (Impact Factor: 0.48).
 - 2) Mini-Reviews in Organic Chemistry, 10, 281-301, 2013, (ISSN 1570-193X), International (Impact Factor: 1.06).
 - 3) Journal of Molecular Catalysis A (374- 375) 118– 124, 2013, (ISSN 1381-1169), International (Impact Factor: 3.18).
 - 4) Letters in Organic Chemistry. 10(3), 178-184, 2013, (ISSN: 1570-1786), International (Impact Factor: 0.77).
 - 5) Synthetic Communication. 43 (13), 1849-1858, 2013, (ISSN 0039-7911), International (Impact Factor: 1.06).
 - 6) European Chemical Bulletin, 2(9), 679-682, 2013, (ISSN 2063-5346), International (Impact Factor: 0.00).
 - 7) Eur. Chem. Bull., 2(7), 481-484, 2013, (ISSN 2063-5346), International (Impact Factor: 0.00).
 - 8) Chinese Chemical Letters, 24, 1070-1074, (ISSN 1001-8417), International (Impact Factor: 1.21).
 - 9) Journal of Chilean Chemical Society, 58(1), 1619-1623, **2013**, (ISSN 0717-9707), International (Impact Factor: 0.45).
 - 10) Chemistry & Biology Interface, 3(1), 18-25, 2013, (ISSN 2249-4820), National (Impact Factor: 0.00).
 - 11) Eur. Chem. Bull. 2(6), 320-323, 2013, (ISSN 2063-5346), International (Impact Factor: 0.00).
 - 12) ICRNT, 2013, National (Impact Factor: 0.00).
 - 13) International Journal of Industrial Chemistry/4(2013), 32-41/ (ISSN 2228-5547), International (Impact Factor: 0.00).



14) American Journal of Analytical Chemistry, 5(2014), 969-981
doi.org/10.4236/ajac.2014.514104, International (Impact Factor: 0.00).

- h-index

Sr. No.	Name of the Teacher	2010-2011		2011-2012		2012-2013		2013-2014	
		h-index	i 10-index	h-index	i 10-index	h-index	i 10-index	h-index	i 10-index
1	Dr. R. P. Pawar	--	--	--	--	--	--	14	23
2	Dr. C. S. Patil	--	--	--	--	--	--	04	03
3	Dr. M.V. Katariya	--	--	--	--	--	--	02	00
4	Dr. S. R. Bembalkar	--	--	--	--	--	--	03	00
5	Dr. S. B. Ubale	--	--	--	--	--	--	02	00
6	Dr. R. D. Ingle	--	--	--	--	--	--	01	00
7	Mr. S. U. Deshmukh	--	--	--	--	--	--	02	01

20. Areas of consultancy and income generated Nil

21. Faculty as members in

- National committees
- International Committees
- Editorial Boards....

2010-2011	2011-2012	2012-2013	2013-2014
Dr. Rajendra P. Pawar is Editorial Board Member of..... 1) "International Journal of Advances in Applied Chemistry", School of Chemical Sciences, North Maharashtra University, Jalgaon-425001 (MS)	Dr. Rajendra P. Pawar is joined as Editorial Board Member of..... 1) Journal of Advanced Scientific Research, Sciansage Publications. 2) Research Journal of Physical and Applied Sciences (RJPAS), Wudpecker Research Journals.	Dr. Rajendra P. Pawar is joined as Editorial Board Member of..... 1) Editorial Board Member, World Research Journal of Combinatorial Chemistry, Bioinfo Publications, India.	Dr. Rajendra P. Pawar is joined as Editorial Board Member of..... 1) The Open Conference Proceeding Journal, Bentham Publications, UK.

22. Student projects

- Percentage of students who have done in-house projects including inter departmental/programme :

Subject	2012-2013	2013-2014
Chemistry	06 (Under BSR-II Scheme)	06 (Under BSR-III Scheme)
Ana. Chem.	06 (Under BSR-II Scheme)	06 (Under BSR-III Scheme)

- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : Nil



23. Awards / Recognitions received by faculty and students :

- Mr. Pranav Shendge** achieved **Gold Medal** in B. Sc. at University level, **2014**
- Miss Supriya Shendge** achieved **Gold Medal** in B. Sc. at University level, **2013.**
- Mr. Ravi Jadhav** cracked **JAM 2013**, conducted by **IIT New Delhi** for B. Sc. admission.

24. List of eminent academicians and scientists / visitors to the department

2011-2012	2012-2013	2013-2014
1) Dr. B.P. Bandgar (Vice Chancellor Solapur University Solapur) 2) Dr. Bishwanath Das, Scientist, IICT, Hyderabad 3) Dr. Nitin Patil, Scientist, IICT Hyderabad 4) Dr. Sanjay Karale, Orchid Pharma Ltd., Aurangabad 5) Dr. Dilip D. Dhavale, Professor, Department of Chemistry, Pune University, Pune 6) Dr. M. V. Garad, Director, Forensic Science Mumbai	Dr. Sheshanath Bhosale, ARC, RMIT University, Austrelia	1) Dr. Sandip More, School of Soft Matter Research, Freiburg Institute for Advanced Studies (FRIAS), Albert-Ludwigs-University, Freiburg, Germany on 2 nd September 2013. 2) Dr. Siddhanath Bhosale, Scientist, Polymer Division, IICT Hyderabad, on 19 th September 2013.

25. Seminars/ Conferences/Workshops organized & the source of funding:

	2011-2012	2012-2013	2013-14
National	Two Days National Conference is held on 26 th and 27 th August 2011, "Recent Tools in Analysis" Sponsored by University Grant commission, Delhi.	One day workshop is held on 26 th Feb 2012, " Research and Research Methodology"	Intensive Innovative Professional Development Program for Sr. College Teachers 15 - 20 June 2013

26. Student profile programme /course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
UG (B.Sc. I st Year)	313	313	214	99	65.5 %
UG (B.Sc. II nd Year)	255	255	160	95	73.5 %
UG (B.Sc. III rd Year)	164	164	104	60	69.5 %
UG (B.Sc I st Year Ana.)	51	51	39	12	80.0 %
UG (B.Sc. II nd Year Ana.)	52	52	31	21	90.0 %
UG (B.Sc. III rd Year Ana.)	32	32	23	09	87.0 %
PG (M.Sc. I st Year)	48	48	30	18	65.5 %
PG (M.Sc. II nd Year Org)	08	08	04	04	69.0 %
PG (M.Sc. II nd Year Ana)	11	11	04	07	92.5%

*M = Male *F = Female



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. Ist Semester	99.78	0.32	-
M. Sc. Ist Semester	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Sr. No.	Name of the Student	Examination Passed	Year
1.	Mr. Dattatray Pansare	CSIR-JRF-NET	July 2010
2.	Mr. Dev S. Bhagat	CSIR-JRF-NET GATE MPSC	July 2011 Mar. 2013 April 2014
3.	Mr. Jagdish L. Wawre	CSIR-JRF-NET	July 2011
4.	Mr Ravi Mirge	CSIR-JRF-NET	July 2011
5.	Mr Balasahab Kale	CSIR-JRF-NET GATE	Dec. 2011 Mar. 2012
6.	Mr Santosh B. Gaikwad	CSIR-JRF-NET	Dec. 2011
7.	Mr. Balaji Mane	UGC-JRF-NET GATE	Dec. 2011 Mar. 2012
8.	Mr. Anant Kardel	UGC-NET	July 2012
9.	Miss Neha Katewad	CSIR-JRF-NET	Dec. 2012
10.	Mr. Pramod Ravan Rakibe	SET	Feb. 2013
11.	Mr. Kamalkishor Warudikar	GATE	Mar. 2013
12.	Mr. Santosh Shelar	CSIR-JRF-NET GATE	Dec. 2013 Mar. 2014
13.	Mr. Bhosale Hanuman	UGC-NET	Jun. 2014
14.	Mr. Rahul Nikam	Kaohsiung Medical University, Taiwan, For Ph. D.	Aug. 2014

29. Student progression

Student progression	Against % enrolled
UG to PG	8%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	-
Campus selection	30
Other than campus recruitment	-
Entrepreneurship/Self-employment	-



30. Details of Infrastructural facilities
Total 10 PCs and Internet Facility, Well Equipped Laboratories
31. Number of students receiving financial assistance from college, university, government or other agencies : **07 JRF (04 - CSIR & 03 - UGC)**
32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts

2011-2012	2012-2013	2013-2014
1) Dr. Satish A. Dake, Dnyanopasak College, Parbhani, Maharashtra. Topic of Lecture: Reaction and Mechanism Date: 14 February 2011	1) Dr. Sheshanath Bhosale, ARC, RMIT University, Australia. Topic of Lecture: Working and applications of Spectroscopy Date: 24 th Dec. 2012	1) Dr. Naresh Tarte (KAIST) Korea. Topic of Lecture: Working and applications of ¹ H NMR Spectroscopy Date: 26 th February 2014 2) Dr. Jalinder Totre, Navin Fluorine Ltd., Bhestan, Gujrat. Topic of Lecture: Working and applications of IR Spectroscopy. Date: 22 nd February 2014 3) Dr. Siddhanath Bhosale, Scientist, Polymer Division, IICT, Hyderabad. Topic of Lecture: Importance and applications of Macromolecules. Date: 19 th September 2013 4) Dr. Sandip More, Germany. Topic of Lecture: Interaction with Post-Graduate Students. Date: 02 nd September 2013

33 Other Co-curricular Activities.

- 1) Conducted Remedial Coaching for B. Sc. Level Students.
- 2) Conducted NET/SET Coaching for Post-Graduate Students.
- 3) Conducted Educational Tour to Forensic Laboratory, Aurangabad.
- 4) Organized One Day Orientation of M. S, P. Mandal Chemistry Teachers to Update and Upgrade their knowledge in subject on 8th August 2010.
- 5) Staff Member Dr. S. R. Bembalkar, Dr. C. S. Patil and Prof. S. U. Deshmukh conducted Chemistry Talent Examination and Research



Talent Search Examination to improve the knowledge in Chemistry among the students.

- 6) All faculty members are paper setters for University examinations.
- 7) Dr. M. V. Katariya conducted Chemistry Quiz Competition for B. Sc. Ist, IInd and IIIrd Year students to increase the interest of students for subject.

34. Teaching methods adopted to improve student learning : Use of Models, ICT, arranging Seminars etc.

2010-2011	2011-2012	2012-2013	2013-2014
Use of Models, ICT, arranging Seminar etc.	Use of Models, ICT, arranging Seminar etc.	Use of Models, ICT, arranging Seminar etc.	Use of Models, ICT, arranging Seminar etc.

35. Participation in Institutional Social Responsibility (ISR) and Extension activities

- 1) Reviewed several articles for reputed journals.
- 2) Department arranged a Science Exhibition on the occasion of Science Day 28th February 2011.
- 3) Conducted Postgraduate examination in Chemistry for University of Guanajuato, Mexico.
- 4) Organized Two Days National Conference on 26th - 27th August 2011 on Recent Tools in Analysis.
- 5) Conducted NET/SET Coaching for Post-Graduate Students.
- 6) Reviewed several articles for reputed journals.
- 7) Celebrate International Chemistry Year by organizing Fun in Chemistry at various schools of Aurangabad city.
- 8) Organized One Day Workshop 26th February 2012, on Research and Research Methodology.
- 9) Collaboration : Chemistry Department signed MoU with Government Pharmacy College, Aurangabad to carry out research work in collaboration.

36. SWOC analysis of the department and Future plans

Strength

- Well qualified staff with Ph..D. and good record of research.
- University recognized Ph.D. Research Centre with 06 research guides.
- Good number students qualifying NET/SET
- Outstanding placement of the students in various fields.
- Internationally acknowledged research with high impact factor and h index by faculty.
- Collaboration with the Hebrew University, Jerusalem, Israel.

Weakness

- Inadequate place for laboratory.
- Insufficient number of permanent teaching staff.
- Limited financial resources.



Opportunities

- Increase in financial resources generation through collaboration.
- To offer fulfilled courses as to make students enable to join pharmaceutical industries.
- To take up basic research work in the area like plastic recycling.
- Creating research culture for UG and PG students.

Challenges

- To cope up with industrial demands with University curriculum.
- To develop infrastructure to offer adequate facilities for skill enhancement of students.
- To spread awareness among students regarding importance of the subject for social benefits.

Future plans of the Department :

- To promote research activities among the UG and PG students by making use of modern equipments like HPLC, Rota evaporator, FTIR, AAS, Scientific Microwave oven etc.
- To seek collaboration with prominent institutes in synthesis of bioactive molecules.
- To organize special lectures of well known personalities in the subject.
- To organize an international conference in the subject.

**DEPARTMENT OF ADVANCED LIFE SCIENCES**

1. Name of the department : **ADVANCED LIFE SCIENCES**
2. Year of Establishment : **2004**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG: BSc Biotechnology and BSc Bioinformatics PG: M.Sc. Biotechnology, MSc Microbiology, MSc Bioinformatics**
4. Names of Interdisciplinary courses and the departments/units involved - **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester System**
6. Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	23	23

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	Dr. K. R. Kharat	M.Sc. Ph.D.	Head & Asst. prof	Biotechnology	12
2	Mrs. Sonali G. Deshmukh	M.Sc. SET	Asst. Prof	Biotechnology	10
3	Mrs. Ruth Mhaske	M.Sc.	Asst. Prof	Biotechnology	10
4	Ms. Sunanda Narwade	M.Sc.	Asst. Prof	Biotechnology	09
5	Mrs. Swati Ingle	M.Sc.	Asst. Prof	Biochemistry	09
6	Mr. Mahadev Jadhav	M.Sc.	Asst. Prof	Bioinformatics	08
7	Mr. Anand Varsale	M.Sc. B.Ed. NET.A.R.S.	Asst. Prof	Microbiology	07
8.	Ms. Swati Choudhary	M.Sc. NET	Asst. Prof	Microbiology	06
9.	Mrs. Jyoti Manthalkar	M.Sc. B.Ed.	Asst. Prof	Biostatistics	06
10.	Ms. Aparna Joshi	M.Sc. M.Phil.	Asst. Prof	Microbiology	09
11.	Ms. Pratiksha Roham	M.Sc., SET	Asst. Prof	Biotechnology	04
12.	Mr. Vijay	M.Sc.	Asst. Prof	Biotechnology	05



	Suryawanshi				
13.	Mr. Padmakar Jadhav	M.Sc.	Asst. Prof	Bioinformatics	03
14.	Ms. Sonali Girdhari	M.Sc. NET,GATE	Asst. Prof	Biotechnology	03
15.	Ms. Vaishali Lonkar	M.Sc. NET,GATE	Asst. Prof	Biochemistry	03
16.	Ms.Anisha Shashidharan	M.Sc.	Asst. Prof	Bioinformatics	02
17.	Mrs. Gauri Tapaswi Mhaisalkar	M.Sc.	Asst. Prof	Biotechnology	02
18.	Mr.Matin Shaikh	M.Sc., NET, SET, ATE, NET.A.R.S.	Asst. Prof	Biotechnology	02
19.	Ms.Priyanka Thakur	M.Sc.	Asst. Prof	Biotechnology	04
20.	Ms. Getanjali Awkale	MSc	Asst. Prof	Bioinformatics	01
21.	Mr. Deepak Chavan	M. Sc.	Asst. Prof	Bioinformatics	01
22.	Ms. Yogini Pathak	M.Sc.	Asst. Prof	Bioinformatics	01

11. List of senior visiting faculty

Sr. No.	Name	Quali- fication	Desi- gnation	Specia- lization	Experie nce	No. of Ph.D.s
1	Dr. S. J. Makh	M.Sc. Ph. D.	Asso. Prof.	Biochemistry	35	09
2	Dr.S. Pathak	M.Sc. Ph. D.	Asso. Prof.	Biochemistry	35	

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise)

Class	Year	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015
B.Sc. Biotechnology		21:1	20:1	19:1	20:1	24:1
B.Sc. Bioinformatics		14:1	15:1	13:1	11:1	14:1
M.Sc. Biotechnology		14:1	13:1	14:1	15.1	20:1
M.Sc. Bioinformatics		5:1	4:1	9:1	11:1	13:1
M.Sc. Microbiology		5:1	6:1	16:1	26:1	36:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Total Technical staff - 04****Administrative staff - 01**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Sr. No.	Staff with Ph.D	Staff with PG
1	02	21

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

2009-10	2010-11	2011-12	2012-13	2013-14
-	-	01	01 cont.	01 cont.



17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **DST SERB total grant received in 2012**
INR 25 00 000/-
18. Research Centre /facility recognized by the University : **Nil**
19. Publications:
- * a) Publication per faculty: **02**
 - * Number of papers published in peer reviewed journals (national /international) by faculty and students: **15**
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **15**
 - * Monographs **00**
 - * Chapter in Books **02**
 - * Books Edited **00**
 - * Books with ISBN/ISSN numbers with details of publishers **00**
 - * Citation Index **52**
 - * SNIP **0**
 - * SJR **0**
 - * Impact factor **11.5**
 - * h-index **03**
20. Areas of consultancy and income generated **00**
21. Faculty as members in
- a) National committees
 - b) International Committees
 - c) Editorial Boards....

Faculty member	National committees	Editorial Boards
Dr. Kiran R.Kharat	Member of Society of Life sciences. Member of Indian society of sciences Member of Indian society of Environmental Sciences.	Editorial board member of Journal of Bionanofrontier.
Mr.Jadhav Mahadev	Member of B.sc and M.sc Bioinformatics examination panel, Dr.Babasaheb Ambedkar Marathwada university, Aurangabad. Member of M.sc Integrated Biotechnology examination panel, MGM institute of Health sciences, Navi Mumbai.	



	Working as Internal Auditor ISO, Deogiri college, Aurangabad. Member of National advisory Board for UGC sponsored National seminar held at Vinayakrao Patil College, Vaijapur.	
--	---	--

22. Student projects

- Percentage of students who have done in-house projects including inter departmental/programme : **100%**
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **10%**

23. Awards / Recognitions received by faculty and students :

SERB young scientist fellowship 201224. List of eminent academicians and scientists / visitors to the department :
Nil

25. Seminars/ Conferences/Workshops organized & the source of funding

National Conferences : Two days UGC sponsored National Conference on “Applied aspects of life sciences for the welfare of mankind ” 15-16 January, 2011

Workshops:

- Workshop on “New Drug Discovery and Biotechnology” 12/08/2010 funded by MSP Mandal
- Workshop on “Recombinant DNA Technology” 21/08/2011. funded by MSP Mandal
- Workshop on “Nurturing entrepreneurship in life sciences sector-role of undergraduate education system”05/08/2012. funded by MSP Mandal
- Workshop on “New Techniques in Biotechnology & Microbiology.” 15/03/2014 funded by MSP Mandal

26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled (%)		Pass Percentage
			M	F	
B.Sc Biotechnology	210	109	49	60	96.49
B.Sc Bioinformatics	65	37	25	08	100
M.Sc Biotechnology	97	50	40	60	79.16
M.Sc Bioinformatics	32	18	72.22	22.22	100
M.sc Microbiology	95	42	30.95	71.42	72.2



27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
B.Sc Biotechnology	93.58	6.42	--
B.Sc Bioinformatics	97.30	2.70	--
M.Sc Biotechnology	96	04	--
M.Sc Bioinformatics	94.45	5.55	--
M.sc Microbiology	92.86	7.14	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Sr.No.	Year	Name of Students	Qualifying Examination
1	2014-2015	Mr.Dadasaheb sondage	NET –JRF, ICAR-NET
		MS, Asma Mahat	DST- INSPIRE
		MS. Ashvini Yewla	TIFR
		Mr. Pritam Sose	PET
		Mr. Rahul Wakade	PET
		Mr. Vikrant Kapase	PET
2	2013-2014	Shaikh Matin	NET –JRF, ICAR-NET, SET, GATE
		Hanuman Kale	NET –JRF, ICAR-NET, SET, GATE
		Ms. Priyanka Bangale	JNU
		Ms. Sharyu Keskar	JNU
3	2012-2013	Ms. Pratiksha Roham	SET, GATE
		Mr. Amol Jadhav	NET
		Mr. Shrikant Pupal	GATE
		Ms. Jyoti Awsare	JNU
		Ms. Sonali Munde	JNU
4	2011-2012	Mr. Nilesh Zine	GATE, PET
		Mr. Sangamesh Chaudhari	ICMR – JRF, NET –JRF,
		Mr. Vipin Heremath	NET –JRF,
		Ms. Prachi Deshmukh	NET –JRF, SFT
		Ms. Ketaki Kamble	IISC, JNU All India First rank
5	2010-2011	Mr. Prasad Sulkshane	DBT-JRF, NET
		Ms. Varsha Bhavnani	DBT-JRF, NET
		Mr. Amol Jadhav	TIFR, NET
		Mr. Bhushan Kode	GRE, ILTES, NET

29. Student progression

Student progression	Against % enrolled
UG to PG	87
PG to M.Phil.	00
PG to Ph.D.	10
Ph.D. to Post-Doctoral	00



Employed	100
Campus selection	80
Other than campus recruitment	20
Entrepreneurship/Self-employment	00

30. Details of Infrastructural facilities

- a) Library YES 1900 books
- b) Internet facilities for Staff & Students- YES
- c) Class rooms with ICTfacility-
- d) Laboratories 11 labs

Sr no	Name of the laboratory	Size of the laboratory Ft	Total area Sq ft
1	Eukaryotic gene expression	37 X25	925
2	Plant transformation lab	15 x 15	225
3	Animal tissue culture	15 x 13	195
4	Bioprocess engineering	15 x11	165
5	Molecular biology	22x 15	330
6	Molecular analysis	12x 11	132
7	Prokaryotic gene expression	30 x22	660
8	Metabolic engineering	26 x30	780
9	Preparation lab	30 x22	660
10	Insilico gene expression lab	30 x26	780
11	Lecture hall 1	30 x22	660
12	Lecture hall2	30 x22	660
13	Lecture hall 3	39x30	1170
14	Library 2	15x10	150
15	Store 1	30x25	750
16	Store 2	15x10	150
17	Staff room	15x22	330
18	Head office	15x 11	165

31. Number of students receiving financial assistance from college, university, government or other agencies **01 UGC single girl child scheme 2010-11**

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts



Workshops	Workshop on “New Drug Discovery and Biotechnology” 12/08/2010 funded by MSP Mandal	Workshop on “Recombinant DNA Technology” 21/08/2011. funded by MSP Mandal	Workshop on “Nurturing entrepreneurship in life sciences sector-role of undergraduate education system” 05/08/2012. funded by MSP Mandal	Workshop on “New Techniques in Biotechnology & Microbiology.” 15/03/2014 funded by MSP Mandal
Seminars from industry	Interview skills by Mrs. Chavan B.L.HR Manager		Interview skills by Mr Kapil Jinturkar HR Manager	Interview skills by Kulkarni S. HR Manager

33 Other Co-curricular Activities. Biform : Students are encouraged to participate in chart preparation, seminar competitions.

Sr.No	Event	Date	Subject Expert
1	Teacher’s Orientation Program	23 & 24 Aug 2014	Dr. A.V. Pethkar, Asso. Prof. Dept Of Microbiology, Govt. Institute of Science, Aurangabad. Dr. R.A Mane, Prof. ,Dept. of Chemistry , Dr. BAMU, Aurangabad. Dr. Shende , Asst. Prof. Dept. of Biochemistry, DR. BAMU , Aurangabad Dr. Milind Patole, Scientist ,NCCS, Pune Dr. Mohan K.,Professor & Head, SRTMU Nanded. Dr. Aravinda Babu, Scientist, Wockhardt Research Centre Aurangabad. Dr. Arun Kharat, Director, Academic Staff College, Dr. BAMU, Aurangabad.
2	Teacher’s Orientation Program	15 March 2014	Dr. Arun Kharat, Director, Academic Staff College, Dr. BAMU, Aurangabad. Dr. Gaurav Dhande , Scientist , Nirmal Seeds, Pachora. Dr. S.J.Makhija, Assoc. Prof.
3	Teacher’s Orientation Program	5 Aug 2012	Dr. Arun Kharat, Head, dept. of Biotechnology,Dr. BAMU Sub centre , Osmanbad. Dr. Gajanan Thore, Asst. Prof., Dept. of Biotechnology, SRTMU, Nanded.



			<p>Mr. Santosh Ghalge, Sr. Manager HR, Skol Breweries, SabMiller Ltd, Aurangabad.</p> <p>Dr. Jitendra Kulkarni , Asst Prof., dept. of Biotechnology, BAMU Sub Centre, Osmanabad.</p> <p>Dr. S.N. Thore, Ex-Principal, Deogiri College, Aurangbad.</p> <p>Dr. M.D.Shirsat, Director , UGC Academic Staff College, Dr. BAMU, Aurangabad.</p>
4	Interaction Program	25 April 2012	Prof. Robert Henri, Director, Queensland alliance for Agriculture & food Innovation, Australia.
5	Orientation Program	21 Aug 2011	<p>Dr. Arun Kharat, Head, dept. of Biotechnology, Dr. BAMU Sub centre , Osmanbad.</p> <p>Dr. Manisha Modak, lecturer Dept. Of Zoology, S.P. College, Pune</p>
6	National Conference on Applied Aspects of Life Sciences for the welfare of Mankind	15 & 16 Jan 2011	<p>Dr. M. K. Sahib, Director, Wockhard, Aurangabad.</p> <p>Dr. Y. Souche, National Centre for cell sciences, Pune University campus.</p> <p>Dr. R. V. Gadre, Scientist, Chemical engg. And process development, NCL Pune.</p> <p>Dr. S. Ghaskabdi, Div of animal science, Agarkar Research Institute, Pune.</p> <p>Dr. Seema Sambani, Gujrat University, Ahmedabad.</p> <p>Dr. Arun Kharat, Head, dept. of Biotechnology, Dr. BAMU Sub centre , Osmanbad.</p> <p>Dr. S. M. Zangade, Deputy directory, ACTREC Tata memorial centre , navi Mumbai.</p> <p>Mr. H. Bajwa, Skol breweries, Aurangabad.</p> <p>Dr. P. A. Lokabharati, Biological oceanography, National Institute of oceanography, Dona paula Goa.</p> <p>Dr. Bharat Char, Sr. Scientist, Mahyco Ltd. Jalna.</p> <p>D. V. Mehta, Asst. Director, Wockhardt</p>



			Research centre, Aurangabad. Dr. G. N. Wankhede, Prof & Head, Dept of Zoology, Sant Gadge Baba Amrawati University, Amrawati. Dr. A. K. Maurya, Principal, Govt. College of Pharmacy, Aurangabad. Dr. S. A. Taware, Scientist Green gold seeds pvt. Ltd. Aurangabad.
7	Orientation Program for Biotechnology lecturers	12 Sept. 2010	Dr. A. K. Maurya, Principal, Govt. College of Pharmacy, Aurangabad. Dr. S. M. Dharmadhikari, HOD Microbiology, Govt. Institute of Science, Aurangabad. Dr. Makhija, HOD, S. B. College, Aurangabad. Dr. Rajendra Pawar, HOD Chemistry, Deogiri College, Aurangabad.
8	Workshop on revised syllabus B. Sc. Biotechnology I	23 Jan 2010	Dr. Arun Kharat, Head, dept. of Biotechnology, Dr. BAMU Sub centre , Osmanbad. Dr. Sangeeta Jangum, Dept of Biochemisrty, Institute of Science, Aurangabad. Dr. Shaikh SAdik Ali, Head, Dept of Mathematics, Maulana Azad College, Aurangabad. Dr. Rajendra Pawar, HOD Chemistry, Deogiri College, Aurangabad.

34. Teaching methods adopted to improve student learning- **CSIR-NET Preparation:** CSIR-NET lectures are being conducted for CSIR- NET appearing students by: Mr Shaikh Matin (M.Sc. Biotechnology, CSIR-NET) and Mr Dadasaheb Sondge (M.Sc. Biotechnology, ASRB-NET)-

1. Open Book Evaluation:

- Test will be conducted on taught syllabus.
- Students would use the books to write the answers in specified duration.
- This will help the students to develop grasping skills and also to evaluate their performance.

2. Problem raising and Solving:

- A topic will be taught in the class.
- Students will be asked to design different level questions on the topic.
- The answers will also be given for the same questions.
- Teacher will evaluate the nature and level of questions and their respective answers.



- This will help the student to develop logical thinking, research aptitude and independence to solve the problems.

3. Teaching innovation

- Developed a new student lifecycle
- First contact
- Applicant
- Transition
- First year
- Academic achievement
- Skills
- Employability
- Transition
- Alumni

35. Participation in Institutional Social Responsibility (ISR) and Extension activities : Nil

36. SWOC analysis of the department and Future plans

Strength:

- Enrichment in research publication and technology transfer to industries.
- To bring in sponsored research projects and consultancy for the future of the students.
- Enhancement in internal and international industrial collaborations.
- Increase in research at Ph.D. Level for staff and student.

Weakness:

- All staff on contract/temporary appointment.
- No. Ph.D research guide.
- Limited space for practicals and theory classes

Opportunities

- Increased in resource generation through alumni, consultancy, fees etc.
- Increasing in community services to pay back to the society.
- Increasing non formal training to industry and other educations institute through staff development program.

Challenges

- To bring about participation in national and international conferences.
- Class room and laboratories are to be equipped with latest tools.
- Faculty visit/training/collaborative ventures with industries, research organization and other academic institution of repute in India and abroad are to be undertaken.

Future Plan:

- To organize an international conference on Recent Advances in Bio-Sciences.
- To bring in sponsored research projects and consultancy.
- To seek enhancement in National and International industrial collaborations.



- To organize faculty visits/training/collaborative ventures with industries, research organizations and other academic institutions of repute in India and abroad.
- To increase efforts in resource generation through alumni, consultancy, fee etc.
- To organize lectures by distinguished professionals from industry and academic institute for students.
- To increase utilization of infrastructure facilities in terms of man-hours by sharing the facilities with other academic institutions.

**DEPARTMENT OF BOTANY**

- Name of the department : **BOTANY**
- Year of Establishment : **1960**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **BSc, MSc and PhD along with Short term certificate course in Bio-fertilizers.**
- Names of Interdisciplinary courses and the departments/units involved - **Nil**
- Annual/ semester/choice based credit system (programme wise) : **Semester**
- Participation of the department in the courses offered by other departments. : **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Paul Habert DNA Bar-coding Centre ,Dr BAMU, Aurangabad.**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	03	03

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience	Ph.D. Student Guided
1	Dr.Patil R.P.	MSc PhD	Asst Prof and Head	Plant Physiology	16 years	03
2	Dr.Rajurkar S.K.	MSc PhD	Asst Prof	Plant Physiology	11 yrs	00
3	Dr.Taware A.S.	MSc PhD	Asst Prof	Plant Physiology	05 yrs	00

- List of senior visiting faculty: **Nil**
- Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **100% permanent faculty.**
- Student -Teacher Ratio (programme wise) : **100:1**
- Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Sanctioned 02, Filled 02**
- Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with M.Phil	Staff with PG
03	--	03

- Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **UGC 02 , 24 Lakh Rupees.**



Sr No	PI	Project Title	Funding Agency Fund received in last five years
1.	A.S.Taware	Studies on isolation of biochemical analysis of endo fungi..	UGC 649,000/-
2.	S.K.Rajurkar	DNA Barcoding of deuteromycetes..	UGC10,60,300/-

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **UGC and RGSTC: 58 Lakh Rupees in Last five years.**

PI	Title of Project	Agency	Fund received
Dr. R.P. Patil	Digitized inventory of medicinal plant resources of Maharashtra (Nasik & nagar)	RGSTC	17,40,640/-
Dr. P.P.Sharma	Digitized inventory of medicinal plant resources of Maharashtra (Beed&Latur)	RGSTC	17,40,640/-
Dr.P.P.Sharma	Bioperspection ... pest/vector.	U.G.C.	5,60,120/-
DrA.S.Taware	Studies on isolation & biochemical analysis of endophytic fungi from some medicinally imp plants	UGC	649,000/-
S.K.Rajurkar	DNA Barcoding of deuteromycetes..	UGC	10,60,300/-
Total Amount received in last five years.			Rs. 5750700/-

18. Research Centre /facility recognized by the University : **Nil**

19. Publications:

* a) Publication per faculty:

Sr. No.	Name of faculty	Total Publication
1	R.P.Patil	18
2	S.K.Rajurkar	08
3	A.S.Taware	14
4	V.A.Paithane	14

* Number of papers published in peer reviewed journals (national /international) by faculty and students: **48**

Sr. No.	Name of faculty	Total Publication
1	R.P.Patil	18
2	S.K.Rajurkar	08
3	A.S.Taware	14
4	V.A.Paithane	14

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
Nil



- * Monographs Nil
- * Chapter in Books 02
1. Dr.R. P. Patil, “Effects of hedge plants on soil erosion and soil fertility on sloping farmland in Marathwada area of Maharashtra”:. ‘Perspectives in Life Science’ page 44-50.
ISBN;978819291, Samyak Scientific Publication, Nashik-09.
 2. S. K. Rajurkar &Taware A. S. “ Studies on Aeromycofloraof cattle shed at Aurangabad region of Maharashtra” .‘Perspectives in Life Science’page 100-105. ISBN;978819291, Samyak Scientific Publication, Nashik-09.
- * Books Edited **02**
Biotechnology for Bioassay, biomolecules from callus Stevia,:A.S. Taware:LambertAcad Pub, Germany, ISBN: 978-3-8433-6185-9
- * Books with ISBN/ISSN numbers with details of publishers **Nil**
- * Citation Index **Nil**
- * SNIP **Nil**
- * Impact factor **Nil**
- * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
 21. Faculty as members in
 - a) National committees **Nil**
 - b) International Committees **Nil**
 - c) Editorial Boards. **Dr. R. P. Patil : DAVJS International Journal.**
 22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/programme : **10%**
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
 23. Awards / Recognitions received by faculty and students : **01**
 24. List of eminent academicians and scientists / visitors to the department:
 1. Prof Goy Joseph, Life Sciences Dept, Haward University, US.
 2. MrsJennnet Goy, Research scientist, Haward University, US.
 3. Prof M.N.Kachole, Head Dept of Biochemistry, Dr BAMU, Aurangabad.
 4. Prof R.A.Mane, Head Dept of Chemistry, Dr BAMU, Aurangabad.
 5. ProfA.M.Mungikar, Dept of Botany,Dr BAMU, Aurangabad.
 6. Principal, A.M.Mohekar, Dean, Faculty of Science,Dr BAMU, Aurangabad.
 25. Seminars/ Conferences/Workshops organized & the source of funding **National Conferences : Two days UGC National conference on Biodiversity, 11-12, July, 2008**
 26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled (%)		Pass Percentage (%)
			M	F	



BSc FY	136	136	85	51	84.32
BSc SY	88	88	73	15	87.22
BSc TY	84	84	48	36	55.5
MSc FY	23	23	10	13	80.00
MSc SY	24	24	09	15	81.00
Ph.D	03	03	02	01	Nil

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
BSc	100	--	--
MSc	100	--	--
PhD	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET : 02 (Vijay Waghmare, ArchanaMukhedkar)**SET : 02 (ArchanaMukhedkar, VivekSamarth)**

29. Student progression

Student progression	Against % enrolled
UG to PG	25%
PG to M.Phil.	--
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	--
Employed	30%
Campus selection	
Other than campus recruitment	
Entrepreneurship/Self-employment	25%

30. Details of Infrastructural facilities

- Library - **Yes**
- Internet facilities for Staff & Students - **Yes**
- Class rooms with ICT facility - **Yes**
- Laboratories - **03 (UG, PG, Research)**

31. Number of students receiving financial assistance from college, university, government or other agencies

Research Project Fellowship, GOI for all Reservation Students.

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts

- Arranged lecture under Science Forum**
- BSR Projects allotted to BSc TY Students with stipend of Rs 2000/- per student.



UGC scheme BSR 2013-14

Sr. No.	Name of the student	%	Project allotted	Guide
1	Anamika Srivastava	82	Screening of secondary metabolites from endophytic fungi	Dr. Taware A.S.
2	Dhanshree Anandgaonkar	82	Screening for organic acid from some aeromycoflora.	Dr. S.K. Rajurkar
3	Bhagyshree Nande	82	Synthesis of Silver nanoparticles from some plants	Dr. R.P. Patil
4	Pooja Shete	81	Synthesis of Silver nanoparticles from some plants	Dr. R.P. Patil
5	Madhuri Sharma	81	Screening of secondary metabolites from endophytic fungi	Dr. Taware A.S.
6	Ketaki Athale	81	Screening for organic acid from some aeromycoflora	Dr. S.K. Rajurkar

UGC scheme BSR2012-13

Sr. No.	Name of the student	%	Project allotted	Guide
1	GadekarAmol G.	79	Histological studies of some medicinal plants I	Dr. R.P. Patil
2	PawalDipak B.	82	Histological studies of some medicinal plants I	Dr. R.P. Patil
3	KhomneGajanan B.	76	Organic acid estimation of dueteromycetes of fungi	Dr. S.K. Rajurkar
4	AvhadSmita S.	79	Organic acid estimation of dueteromycetes of fungi	Dr. S.K. Rajurkar
5	MisalRutuja R.	82	Comparative study of Rhizosphere fungi from Bt and non BT cotton with organic acid production	Dr. Taware A.S.
6	DayalPawanSatpalsingh	80	Comparative study of Rhizosphere fungi from Bt and non BT cotton with organic acid production	Dr. Taware A.S.

33. Other Co-curricular Activities.: **Students participated in science exhibition, quiz competition, Seminars, etc.**
34. Teaching methods adopted to improve student learning-**Group discussion, seminar, project and field collection. Open Book Evaluation:**
35. Participation in Institutional Social Responsibility (ISR) and Extension activities **Plantation in campus and out of campus, garden maintenance, campus beautification.**
36. SWOC analysis of the department and Future plans



Strengths:

1. Our laboratory is the recognized research centre and research is actively carried from last 10-15 years.
2. Department of Botany has received more than 50 lakh rupees through Research project funded by UGC & RGSTC .
3. Research publication of department in last five years is more than 30 research papers.

Weaknesses:

1. Inadequate space for Botanical Garden,
2. Job opportunity for students is very low.

Opportunities:

1. Students have scope in agricultural and biotechnological industries, etc.
2. Student may seek jobs in Forest Department as RFO, Conservators and Forest Guards.
3. Students can develop skills in self-employment area such as Botanic Garden, Landscaping, Nursery, Organic farming etc.

Challenges:

1. Self-employment and placement in this subject.
2. To develop Botanic Garden.
3. Herbarium development in department.
4. To develop Sophisticated Research laboratory.

Future Plans:

1. To organize National conference/ seminar.
2. To develop botanical museum.
3. To develop Herbarium.
4. To submit Research Projects proposals.
5. Research papers publication and book publication.

**DEPARTMENT OF COMPUTER SCIENCE, I.T. & BCA (Sci.)**

- Name of the department : **COMP. SCIENCE, IT & BCA (Sci.)**
- Year of Establishment : **1994**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **B.C.A. (Science) , B.Sc. IT , B.Sc.(CS). & B.VOC.(Multimedia & Animation) M.Sc.(Comp.Sci), M.Sc. (IT)**
- Names of Interdisciplinary courses and the departments/units involved – **Nil**
- Annual/ semester/choice based credit system (programme wise) : **Semester**
- Participation of the department in the courses offered by other departments. : **Department staff involved in teaching computer science related papers to Chemistry dept.**
- Courses in collaboration with other universities, industries, foreign institutions, etc.**Nil**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts (**Fix Pay basis**)

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	39	39

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Mrs. Joshi R.A.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	05
Ms. Jadhav V.C.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	03
Mr. Naik R.R.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	03
Ms. Kewadkar K.D.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Ms. Badgujar M.A.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mrs. Deole S. S.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	11
Mr. Magre R. A.	M.Sc. (I.T.)	Asst. Prof.	Comp. Sci.	03
Ms. Vitekar T. P.	M.Sc. (I.T.)	Asst. Prof.	Comp. Sci.	03
Ms. Deshmukh R. A.	M.C.A	Asst. Prof.	Comp. Sci.	02
Ms. Bulge S. S.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mrs. Watve N. V.	M.A. (Eng.)	Asst. Prof.	Comp. Sci.	23
Mr. Dudhgaonkar G.B.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	20
Mrs. Pail D. D.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mrs. Joshi K. P.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mr. Dhole S.G	M.Sc. (Physics) Spl. Electronics	Asst. Prof.	Comp. Sci.	06



Ms. Khandare P.P.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mr. Kolte D.A.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mrs. Deshmukh N.V.	M.C.A	Asst. Prof.	Comp. Sci.	01
Mr. Shirsat G.D.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Ms. Lokhande V.R.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	09
Ms. Nikam R. L.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	02
Ms. Surase R.R.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mrs. Patil Y.S.	M.SC. (C.S.) M.Phil.	Asst. Prof.	Comp. Sci.	04
Ms. Thube L. P.	M.SC. (C.S.) M.Phil.	Asst. Prof.	Comp. Sci.	04
Mr. Kulkarni B.S.	M.SC. (I.T.)	Asst. Prof.	Comp. Sci.	02
Ms. Pandit P. B.	M.C.A	Asst. Prof.	Comp. Sci.	01
Ms. Renghe S. S.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Ms. Patrukar M. U.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mr. Mishra S. R.	M.C.A	Asst. Prof.	Comp. Sci.	01
Ms. Shaikh S. Huma	B.E. (C.S.)	Asst. Prof.	Comp. Sci.	06
Ms. Thatte R. B.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	08
Ms. Anjum Shaikh	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	05
Ms. Moharkar R. P.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Mr. Thakur D. N.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01
Ms. Mahajan D. A.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	12
Ms. Tayde A. K.	M.C.A	Asst. Prof.	Comp. Sci.	02
Ms. Bobade S. B.	M.SC. (I.T.)	Asst. Prof.	Comp. Sci.	02
Mr. Kathar S. P.	M.C.A	Asst. Prof.	Comp. Sci.	01
Mr. Krishnapakshi G.M.	M.Sc. (C.S.)	Asst. Prof.	Comp. Sci.	01

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **100%**
13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14	2014-15
27:1	27:1	29:1	27:1	26:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Technical – 02**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with M.Phil	Staff with PG
--	02	37

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**

18. Research Centre /facility recognized by the University : **Nil**



19. Publications: **Nil**
- * Number of papers published in peer reviewed journals (national /international) by faculty and students: **Nil**
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
 - * Monographs **Nil**
 - * Chapter in Books **Nil**
 - * Books Edited **Nil**
 - * Books with ISBN/ISSN numbers with details of publishers **Nil**
 - * Citation Index **Nil**
 - * SNIP **Nil**
 - * Impact factor **Nil**
 - * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
- a) National committees **Nil**
 - b) International Committees **Nil**
 - c) Editorial Boards.... **Nil**
22. Student projects
- c) Percentage of students who have done in-house projects including inter departmental/programme : 100%
 - d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **20%**
23. Awards / Recognitions received by faculty and students : **Nil**
24. List of eminent academicians and scientists / visitors to the department
1. Dr. S.C. Mehrotra, Depart of Computer Sci., Dr.BAMU,Aurangabad
25. Seminars/ Conferences/Workshops organized & the source of funding **National : NilInternational : Nil**
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc. (C.S.) – I Yr	117	117	78	39	91.00%
B.Sc. (C.S.) – II Yr	120	120	79	41	93.00%
B.Sc. (C.S.) – III Yr	97	97	61	36	87.23%
B.Sc.(Opt. C.S.) – I Yr	119	119	81	38	89.5%
B.Sc.(Opt. C.S.) – II Yr	84	84	51	33	89.00%
B.Sc.(Opt. C.S.) – III Yr	63	63	34	29	84.5%



B.Sc. (I.T.) – I Yr	31	31	23	08	65.00%
B.Sc. (I.T.) – II Yr	32	32	24	08	91.00%
B.Sc. (I.T.) – III Yr	42	42	24	18	91.00%
B.C.A.(Sci.) – I Yr	44	44	29	15	88.6%
B.C.A.(Sci.) – II Yr	44	44	35	09	93.18%
B.C.A.(Sci.) – III Yr	27	27	16	11	77.78%
M.Sc. (C.S.) – I Yr	44	44	37	07	93.94%
M.Sc. (C.S.) – II Yr	32	32	21	11	100%
M.Sc. (I.T.) – I Yr	28	28	12	16	56.52%
M.Sc. (I.T.) – II Yr	22	22	09	13	100%

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
BSc	95%	4%	1%
MSc	95%	4%	1%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**

29. Student progression

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil.	5%
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	0%
Employed	20%
Campus selection	
Other than campus recruitment	50%
Entrepreneurship/Self-employment	30%

30. Details of Infrastructural

facilities a) Library

YESb) Internet facilities for Staff & Students- **YES**c) Class rooms with ICT facility- **Yes**d) Laboratories **Separate labs for UG and PG are available**31. Number of students receiving financial assistance from college, university, government or other agencies: **Nil**

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts



Special lectures on dotNet, JAVA, Soft skill and interview techniques were arranged

33. Other Co-curricular Activities.: **Nil**
34. Teaching methods adopted to improve student learning- **ICT based teaching Methods are used.**
35. Participation in Institutional Social Responsibility (ISR) and Extension activities : **Nil**
36. SWOC analysis of the department and Future plans

Strengths:

- Variety of courses available
- Standard infrastructure is available to run the courses
- Sufficient no. of books, e-resources in the form of video lectures are available.
- Qualified experience teaching faculty is available.
- Enrollment of students for the courses under department is good.
- University exam results are good.
- MNCs like Infosys, Wipro, TCS conducts recruitment drives in our campus.
- Student placement in MNCs , National and Regional companies is good.
- Short duration skill based courses are available.
- B.Voc in Multimedia and Animation is run by the department.

Weaknesses:

- Lack of regular research activities in the department.
- Limited financial resources.

Opportunities:

- To prepare students to meet huge demand of skilled manpower in IT sector
- To promote self employability of students.
- Implementation of own ideas in different sectors for e-governance.

Challenges:

- With growing demand of IT based knowledge, students are getting skill in this field, but they are lagging behind in basic core subject knowledge.
- To equip students with latest knowledge of technologies with traditional syllabi designed by affiliating university.

Future Plans :

- To give special emphasis on English communication skill and soft skills.
- To start aptitude test programs to get entry in higher education.
- To start computer programming contest.
- To start short duration skill based programs in computer programming.
- To start certificate course in Android Programming.
- To start course in Website development.
- To organize seminars and conferences.
- To initiate research activities.

**DEPARTMENT OF ELECTRONICS**

- Name of the department : **ELECTRONICS**
- Year of Establishment : **1984**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG, PG, Ph.D**
- Names of Interdisciplinary courses and the departments/units involved – **Nil**
- Annual/ semester/choice based credit system (programme wise) : **Semester 6.**
Participation of the department in the courses offered by other departments. : **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	03	03 (Promoted to Associate)

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience	Ph.D. Student Guided
1	Dr. S.N.Helambe	M.Sc., Ph.D	Asso. Professor	Electronics	28 Years	02
2	Dr. N.G.Nisal	M.Sc., Ph.D	Asso. Professor	Electronics	31 Years	00
3	Mr. R.B.Bajaj	M.Sc.	Asso. Professor	Electronics	30 Years	00

Fix Pay-04

- List of senior visiting faculty:
 - Dr. Ayub Pathan , Maulana Azad College Aurangabad**
 - Mr. S.K.Kapse, S.B.Science College, Aurangabad**
- Percentage of lectures delivered and practical classes handled (programme wise)by temporary faculty : **Nil**
- Student -Teacher Ratio (programme wise) : **UG- 60:1 , PG : 10:1**
- Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Technical - 00, Admin – 00**
- Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with M.Phil	Staff with PG
02	--	05



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**
18. Research Centre /facility recognized by the University : **Yes (Under Physics Research Center)**
19. Publications:
- * a) Publication per faculty:
 - * Number of papers published in peer reviewed journals (national /international) by faculty and students:

Sr.No.	Name of Teacher	2010-11	2011-12	2012-13	2013-14	Total
1	Dr. S.N.Helambe	1	3	4	2	10
2	Dr. N.G.Nisal	0	0	0	2	02
3	Mr. R.B.Bajaj	0	0	0	0	0
Total						12

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Name of Teacher	International Database	No. of Pub.
Dr.S.N.Helambe	Scopus	17
	Google Scholar	22

- * Monographs **Nil**
- * Chapter in Books

Name of Teacher	International Database	Citations	h-index
Dr.S.N.Helambe	Scopus	299	11
	Google Scholar	367	11

- * Books Edited **Nil**
 - * Books with ISBN/ISSN numbers with details of publishers **Nil**
 - * Citation Index **Nil**
 - * SNIP **Nil**
 - * Impact factor **Nil**
 - * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
- a) National committees **01**
 - b) International Committees **Nil**
 - c) Editorial Boards.... **Nil**
22. Student projects
- e) Percentage of students who have done in-house projects including inter departmental/programme : **90%**



- f) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **10%**
23. Awards / Recognitions received by faculty and students: **02**
24. List of eminent academicians and scientists / visitors to the department : **Nil**
25. Seminars/ Conferences/Workshops organized & the source of funding **Nil**
26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
I Year	79	79	62	17	86%
II Year	68	68	50	18	81%
III Year	37	37	27	10	97%

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
UG	100	--	--
PG	80	20	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**
29. Student progression

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	5%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	Nil
Employed	5%
Campus selection	50%
Other than campus recruitment	
Entrepreneurship/Self-employment	45%

30. Details of Infrastructural facilities
- Library - **Central Library of the College (Books – 750 , CDs - 70**
 - Internet facilities for Staff & Students- **YES**
 - Class rooms with ICT facility- **Yes**
 - Laboratories - **Well equipped separate labs are available for UG & PG**
31. Number of students receiving financial assistance from college, university, government or other agencies :**6 students received UGC – BSR grant under student projects**
32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts **Guest lectures on soft skill development and interview techniques**
33. Other Co-curricular Activities.: **All Students prepares Electronic Projects.**
34. Teaching methods adopted to improve student learning- **Lecture method and ICT**



35. Participation in Institutional Social Responsibility (ISR) and Extension activities: **School students visit to labs for experiment demonstrations**

36. SWOC analysis of the department and Future plans

Strength

- Qualified senior staff.
- Modern Infrastructure
- Well equipped laboratories
- Excellent results

Weakness

- Lack of extensive research contribution.
- Limited financial resources.

Opportunities

- As Electronics is an applied subject, industry-college interaction for providing skilled manpower is possible. Through this type of activity employability will increase.

Challenges

- To attract more students to the subject for employment opportunities.
- To take up research projects in the subject.

Future Plan:

- To arrange guest lectures on advance trends in Electronics.
- To start Industry-college interactions.
- To arrange students seminars.
- To increase research contribution.

**DEPARTMENT OF ENVIRONMENTAL SCIENCE**

- Name of the department : **ENVIRONMENTAL SCIENCE**
- Year of Establishment : **1988**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG in Env.Science, M.Sc and M.Phil**
- Names of Interdisciplinary courses and the departments/units involved – **Six months Compulsory Env. Science course for all faculties.**
- Annual/ semester/choice based credit system (programme wise) : **Semester**
- Participation of the department in the courses offered by other departments. : **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	02	02
Asst. Professors	00	00
Asst. Professors (Fix Pay)	03	03

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	Dr.M.N.Naik	M.Sc.PhD	Asso.Prof	Evt.Pollution	26 Years
2	Mr.Mane A.S.	M.Sc	Asso.Prof	Toxicology	23 Years
3	Jogdand O.K. (Fix Pay)	M.Sc,B.Ed,M.P hil,Ph.D App	Asst. Prof.	--	02 years
4	Potadar V.R. (Fix Pay)	M.Sc,B.Ed,	Asst. Prof.	--	01year
5	Bankar A.S (Fix Pay)	M.Sc.B.Ed,M.P hil	Asst. Prof.	--	02 years

- List of senior visiting faculty:
 - Dr. N. N. Bandela, Prof & Head, Dept.of Env. Science, Dr. B. A. M. U. Aurangabad
 - Dr. Birajdar (S.R.O.,MPCB, Aurangabad)
 - Dr. Masoom S. M., Godavari Khore Mandal, Aurangabad.
- Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **Nil**
- Student -Teacher Ratio (programme wise) : 30:01
- Number of academic support staff (technical) and administrative staff;



sanctioned and filled: **sanctioned 02 and filled 02**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M. Phil
01	05	02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Project Applied**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Project Submitted**

18. Research Centre /facility recognized by the University : **Y C M Open U, Nasik**

19. Publications:

a) Publication per faculty: **Nil**

* Number of papers published in peer reviewed journals (national /international) by faculty and students: **Nil**

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

* Monographs **Nil**

* Chapter in Books **Nil**

* Books Edited **01**

* Books with ISBN/ISSN numbers with details of publishers **Nil**

* Citation Index **Nil**

* SNIP **Nil**

* Impact factor **Nil**

* h-index **Nil**

20. Areas of consultancy and income generated **Nil**

21. Faculty as members in

a) National committees - **Dr. M. N. Naik.**

b) International Committees - **Nil**

c) Editorial Boards.... - **Nil**

22. Student projects: BSR Project for Final year students Inplant training and Projects for M.Sc II year students.

a) Percentage of students who have done in-house projects including inter departmental/programme : **10%**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**

23. Awards / Recognitions received by faculty and students : **Nil**

24. List of eminent academicians and scientists / visitors to the department :

1. Dr. Meshram P. U, Head Dept of Env. Science, Mahila College, Nagpur,

2. Dr. Goyal S. K. NEERI, Nagpur

3. Dr. Zade S. B. Head Dept of Zoology, Nagpur University, Nagpur



4. Dr. N. N. Bandela, Prof & Head, Dept. of Env. Science, Dr. B. A. M. U. Aurangabad.
5. Dr. Shivnikar S.V., Principal, N.S.B. College, Nanded,
6. Dr. Birajdar (S.R.O., MPCB,Aurangabad)
7. Dr. Masoom S. M., Godavari Khore Mandal, Aurangabad.
8. Dr. B. N. Pande Professor, JNE College, Aurangabad.
9. Dr. A. D. Diwan, Dept of Biosciences & Tech. Inst. MGM,Aurangabad,
10. Dr. Amar Supate, M. P. C. B, Mumbai.

25. Seminars/ Conferences/Workshops organized & the source of funding

International : Nil

National : National Seminar 27th and 28th September 2011

26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled (%)		Pass Percentage (%)
			M	F	
B.Sc FY	36	36	20	16	99%
B.Sc SY	32	32	18	14	92%
B.Sc TY	33	33	17	16	99%
M.Sc FY	23	23	14	09	99%

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
B.Sc	100	--	--
M.Sc	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**

29. Student progression

Student progression	Against % enrolled
UG to PG	35%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed Campus selection Other than campus recruitment	40%
Entrepreneurship/Self-employment	30%

30. Details of Infrastructural facilities

- a) Library **Central Library**
- b) Internet facilities for Staff & Students - **YES**
- c) Class rooms with ICT facility - **Yes**
- d) Laboratories - **02 (UG & PG)**

31. Number of students receiving financial assistance from college, University, government or other agencies: GOI for all Reserved category



students.

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: Arranged lecture under science forum.
33. Other Co-curricular Activities:
Student participates in Seminar, Postal presentation, Quiz competition, etc.
34. Teaching methods adopted to improve student learning- Group discussion, Seminars, Inplant training, Project and field collection and Industrial visit, etc.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities : Project and field collection and Industrial visit etc.
36. SWOC analysis of the department and Future plans

Strength

- Effective activities of Eco Club at the department.
- Results of the students are good.
- Ph. D research guides are available.
- Department offer services of undertaking Green Audit of the college.

Weakness

- Less attendance of the students in the classes.
- PG is run on non-grant base.

Opportunities

- To take up programmes to create eco-friendly environment amongst the society.
- To streamline and formalize the practices of cleanliness and environment conservation at the campus.
- To equip students with research methodology for undertaking research in environmental studies.

Challenges

- To bring about ecological balance amongst the increasing urbanization.
- To sustain ecofriendly culture on the campus.
- To develop & prepair our students for the betterment of our society & also for the Nation

Future Plan

- To submit major & minor projects.
- To organize National & International Conferences.
- Introduce short term courses in environmental studies like pollution control and taxanomy.
- To create environment awareness amongst the society by organizing various society oriented programmes by students.

**DEPARTMENT OF GEOLOGY**

- Name of the department : **GEOLOGY**
- Year of Establishment : **UG:1987, B.Voc:2014, PG:2014**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG, PG, Ph. D.**
- Names of Interdisciplinary courses and the departments/units involved – **Yes**
- Annual/ semester/choice based credit system (programme wise) : **Semester**
- Participation of the department in the courses offered by other departments. : **Yes**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **No**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	01	01
Associate Professors	00	00
Asst. Professors	01	01
Asst. Prof. CHB/Fix Pay	08	08

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name of the teacher	Qualification	Designation	Specialization	Exp.	Ph.D. Guidance
1	Prof.Ashok Tejankar	M. Sc., B.Ed., Ph.D.	Vice Principal & HOD	Petrology & Hydrogeology	24	7
2	Dr.R. R. Gawande	M.Sc. Ph.D.	Asst. Prof.	Paleontology	5	-
3	Miss D. S. Verma	M.Sc. NET	Asst. Prof. (Fix Pay)	-	1	-
4	Mr. G. D. Gaikwad	M. Sc.	Asst. Prof. (Fix Pay)	-	3	-
5	Mr. R. K. Pathrikar	M. Sc.	Asst. Prof. (Fix Pay)	-	1	-
6	Mr. D. V. Wayal	M. Sc.	Asst. Prof. (Fix Pay)	-	1	-
7	Miss P. M. Chondhekar	M. Sc.	Asst. Prof. (Fix Pay)-	-	2	-
8	Mr. S. K. Sirsat	M. Sc.	Asst. Prof. (Fix Pay)	-	1	-
9	Mr. S. N.	M. Sc.	Asst. Prof.	-	1	-



	Kamble		(Fix Pay)			
10	Mr. M. S. Tupe	M. Sc.	Asst. Prof. (Fix Pay)	-	1	-

11. List of senior visiting faculty:

1. Dr. S. M. Masoom, Senior Geologist, GSDA, Aurangabad
2. Dr. Jayshree Panjekar, Panjim Institute, Pune
3. Dr. P. T. Sawant, Walchand College, Solapur
4. Dr. Annuja Marathe, Fergusson College, Pune
5. Prof. K. D. Devindar, Professional Jewellery Designing consultant
6. Dr. Madan Kendre, SNDT University, Mumbai
7. Ms. Shruti Rakshe, Professional Jewellery Designer, Mumbai

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **50%**

13. Student -Teacher Ratio (programme wise) : 21:01

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 02 technical and 01 administrative.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M. Phil
01	08	00

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **01**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received.

Sr. No.	Title	Agency	Period	Grant /Amount Mobilized (Rs.lakh)
1.	Groundwater Study of Buldhana District (Minor)	UGC, New Delhi.	2 Year	Rs. 50,000/-
2.	Detail Geological Investigation of Minor Irrigation Dam at Village Zalki, Tq. Sillod, Dist. Aurangabad (Minor)	State Govt., Irrigation Dept.	1 Year	Rs. 500000/- Grant Utilize for Project Work & NGO
3.	Groundwater Contamination caused by Industrial waste in Aurangabad Industrial Area. (Major)	UGC, New Delhi.	3 Years	Rs. 9,21,000/-
4.	Development of Artificial recharges Model in Hard Rock Terrain of Deccan Basaltic area, Maharashtra.	UGC, New Delhi. 2013-14	3 Years	Accepted



18. Research Centre /facility recognized by the University : **Yes**

19. Publications:

a) Publication per faculty: **International level.**

Sr. No.	Title with page Nos.	Journal	ISSN/ Print/ Online No	Whether Peer reviewed Impact Factor /Citation, (if any)
1.	Geological studies of SATANA watershed, Page No. 2	Indian Stream Research Journal, I Issue VII, Nov 2011, Dr. A. V. Tejankar	2230-7850	2.1506
2.	Effect of Geohydrological Character on development of watershed: A Case Study	New Voices, I Issue IV, Dec 2011, Dr. A. V. Tejankar	2231-3249	0.2
3.	Nature of Volcanicity in central part of Deccan Basaltic Terrain of Maharashtra, India	Social Growth, Vol. II Issue – III Nov. 2011. Page No. 32 to 37	2229-6190	0.7
4.	Remote Sensing and GIS Study of Geohydrological characters in Landslide Hazard Zonation	Interlink Research Analysis, I, Issue-V, A.V. Tejankar	0976-0377	0.612-0.706
6.	Utilization of Remote Sensing & GIS for Geological Mapping in Kurnool Area (A.P.)	Perspectives of Computer Confluence with Sciences	978-93-82062-76-9	2.00
7.	Impact of Artificial Recharge on Groundwater Dynamics in	International Journal of Earth Sciences And Engineering, 6, No. 2, Page No. 331 to 337, Dr.	0974-5904	2.10



	Deccan Trap Area Maharashtra State, India	A. V. Tejankar		
8.	Geological study Mahismal ghat of Khultabad Taluka, District Aurangabad	Indian Streams Research Journal, III, Issue-VII, Page No. 1 to 4, Dr. A. V. Tejankar	2230-7850	2.1506
9.	Influence Of Recharge In Hard Rock Of Deccan Trap Area In India.	GENIUS, I, Issue-I, Page No. 6 top 13, Dr. A. V. Tejankar	2279-0489	0.512-0.603
10.	Comparative Study of Geohydrology & Fluctuation Maps Prepared with Remote Sensing and GIS Characterization of Basaltic Rocks in southern part of Buldhana District, Maharashtra	IDEAL, I, Issue-I, A. V. Tejankar	2319-359X	0.0601- 0.648
11.	Role of Remote sensing in geological study of Sanjul Village at GP-8 Watershed	Indian stream research journal, Vol no.4 Issue 4 May 2014	.2230-7850	2.1506
12.	Marathwadyatil pani tanchai v bhujal vikas	National Seminar Imbalance of irrigation in Maharashtra: Problem and prospects	978-81- 926851-5-1	

- * Number of papers published in peer reviewed journals
(national /international) by faculty and students: **Nil**
- * Number of publications listed in International Database (For Eg: Web
of Science, Scopus, Humanities International Complete, Dare
Database - International Social Sciences Directory, EBSCO host, etc.)
Nil
- * Monographs **Nil**
- * Chapter in Books **Nil**
- * Books Edited **01**
- * Books with ISBN/ISSN numbers with details of publishers: 01



Sr. No	Title of the book	Publisher	Year	ISBN
01	Groundwater Management in Hardrock	Ajanta Publication, Aurangabad	2014 - 2015	

*	Citation Index	Nil
*	SNIP	Nil
*	Impact factor	1.5
*	h-index	Nil

20. Areas of consultancy and income generated

1. Survey and field work to select site for artificial recharge in Watershed Development Programme entitled GP 10 Watershed, Dist. Aurangabad.
2. Provided services to farmers & institutes to select sites for borewell & dug well.
3. Project on recycling of water is carried out in the premises of Ladies Hostel, Deogiri College, Aurangabad.
4. Provided services to prepare Contour, DEM, Lineament & Geology map of watershed.
5. Provided services to analysis dugwells & borewells water for drinking purpose.
6. Identification of gemstone for common citizens and jewellers.

21. Faculty as members in

- a) National committees b) International Committees c) Editorial Boards....

Body Institution	Committee	Position
International	Gondwana Geological Society Nagpur	Life Member
University	A hoc board in geology	Chairman
University	Examination Committee in geology	Chairman
National	Geological Society of India	Life Member
International	International Association of Hydrogeologists	Life Member
National	Association of Hydrologists of India	Life Member
National	Society of Sciences	Life Member

22. Student projects:

- Percentage of students who have done in-house projects including inter departmental/programme : **10%**
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **25%**



23. Awards / Recognitions received by faculty and students : **02**
24. List of eminent academicians and scientists / visitors to the department :
- 1) Prof. Masengo Ilunga (Francois)
Prof and Leader - water research flagship
PhD (Civil Engineering)
University of South Africa
Department of Civil and Chemical Engineering
 - 2) Dr. Jhon W. Magee
B. Sc. M. Sc. PhD
Sedimentologist/ Regolith Geologist
Groundwater Group
Geospatial & earth Monitoring Division, Italy.
 - 3) Prof. Ken Howard
President
International Association of
Hydrogeologists
University of Toronto at Scarborough
Groundwater Research Group
1265 Military Trail
Toronto, Ontario
Canada M1C 1A4
 - 4) Dr. Shrikant Limaye
International Research Scholar in Hydrogeology &
Member of number of international institutes & associations.
 - 5) Dr. Mallyswami, the Secretary, International Groundwater Congress,
Tiruannatpooram, Tamil Nadu.
 - 6) Dr. N.G. Pawar, Vice Chancellor, Shivaji University Kolhapur.
25. Seminars/ Conferences/Workshops organized & the source of funding
- a) National:**
- 1) Workshop for Farmers on Groundwater Management Funded by Dr. A. M. University, Aurangabad.
 - 2) UGC sponsored National Conference on Groundwater Management and Assessment in Hard Rock, 3 – 4th Jan, 2015.
- b) International:**
- Organized Fifth International Groundwater Conference entitled ‘The Assessment and Management of Groudwater Resoruces in Hard Rock Systems with Special Refernce to Basaltic Terrain’ as Joint Secretary, IGWC 2013.
26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled (%)		Pass Percentage (%)
			M	F	
UG (B. Sc.)	150	131	110	21	97.5 %
COP in Gemology	43	22	16	6	98.0%



UG (B. Voc. I)	35	20	10	10	NA
PG (M. Sc. I)	40	20	16	4	NA

27. Diversity of Students

Name of the course	% of students From the same state	% of students From the other state	% of students From the abroad
UG (B. Sc.)	98%	02	-
UG (B. Voc.)	100%	-	-
PG (M. Sc.)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **MPSC (9), UPSC (3), NET (3)**

29. Student progression

Student progression	Against % enrolled
UG to PG	35%
PG to M.Phil.	NA
PG to Ph.D.	8%
Ph.D. to Post-Doctoral	NIL
Employed Campus selection Other than campus recruitment	19
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

- Library: Departmental library with 340 books and four research journals.
- Internet facilities for Staff & Students- **YES**
- Class rooms with ICT facility- **Yes**
- Laboratories: **03**
- Museum: **01**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Six student received grant for Research Project from UGC BSR Grant**

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:

- Commencement of Bachelor of Vocation in Jewellery Designing and Gemology.
- Beginning of a UGC sponsored COP in Gemology
- Geological field work to select sites,
- Watershed Management,
- IGWC International Conference,
- Workshop on groundwater Modeling

33. Other Co-curricular Activities:



- Regular organization of study tours and field visits in the different part of the country to identify the formation of stata in the field and determination of their structural features.
 - Visits to industries like jewellery designing, manufacturing, gems cutting and polishing at Mumbai (Spizzire, Maharashtra and Khambat, Gujrat.
34. Teaching methods adopted to improve student learning-
Use of virtual classrooms, field work, use of software, discussion and interactive methods. Use of different instruments and machines in practical sessions.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities :
1. Guidance to select sites for artificial recharge in Watershed Development Programme at GP 10 watershed, Dist. Aurangabad & Government, Semi Government & private Institutes.
 2. Provided services to farmer & institutes to select site for borewell & dug well.
 3. Project on recycling of water is carried out in Ladies Hostel, Deogiri College, Aurangabad.
 4. Provided services to prepare contour, DEM, Lineament & Geology map of watershed.
 5. Provided services to analysis Dugwell & Borewell water for drinking purpose.
 6. Identification of Gemstone for common citizens and jewellers.
 7. Organized “Farmer Melawa” for Groundwater Management in farms.
 8. Published articles in reputed Newspaper on National Resource like Groundwater.
 9. Worked as an expert to solve drought conditions.
36. SWOC analysis of the department and Future plans
- Strengths**
- The Department of Geology has an only recognized Research Center in Hydrogeology in affiliated colleges under the Univeristy.
 - Well qualified and reconized professor for research at national and international level.
 - Availability of university recognized Ph. D research centre.
 - Large number of students placed in different part of the world in the field of petrolium.
 - More number of students selected by MPSC and UPSC in comparision with other departments of Geology in the state.
 - Consultancy Service Center for watershed development, artificial recharge, selection of dugwell & borewell sites.
- Weakness**
- Lack of qualified staff.
 - Limitation in financial support to develop research laboratory.



- Lack of space to develop workshops for vocational program.

Opportunities

- To take up research project in the field of hydrogeology.
- Career opportunities for students to become gemologist and jewellery designer.
- To undertake extensive research work in the area of GIS and Remote Sensing.
- To seek opportunities for students as private consultant for artificial recharge and groundwater management.
- To seek collaboration with NGOs and institutes at local, national & international level in the field of groundwater & petroleum.

Challenges

- To innovate new methods and technologies for groundwater exploration and management to minimize the problem of water scarcity in Maharashtra.
- To establish highly advanced research laboratory
- To acquire well qualified and learned staff for the department.
- To develop & prepare our students for the betterment of our society.

Future Plan

- To submit major research projects in the field of hydrogeology.
- To establish a fulfilled training centre for farmers regarding water management at village level.
- To establish gem identification lab at the department.
- To organize international conference in groundwater occurrence, exploration and management.

**DEPARTMENT OF MATHEMATICS**

- Name of the department : **MATHEMATICS**
- Year of Establishment : **UG : 1960, PG : 2014**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG and PG**
- Names of Interdisciplinary courses and the departments/units involved - **Nil**
- Annual/ semester/choice based credit system (programme wise) : **Semester**
- Participation of the department in the courses offered by other departments. : **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	02	02
Asst. Prof (Fix Pay)	02	02

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
01	Dr.S.B.Kiwne	M.Sc. Ph.D.	Asst.Prof	Partial diff. equations	26
02	Ms.M.L.Dhumal	M.Sc.SET	Asst.Prof	Partial diff. equations	04
03	Ms. P.R. Darak	M.Sc	Asst. Prof.	-	01
04	Mr. G.W. Jadhav	M.Sc	Asst. Prof.	-	01

- List of senior visiting faculty: **Nil**
- Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **50%**
- Student -Teacher Ratio (programme wise) :

Year	2010-2011	2011-2012	2012-2013	2013-2014
UG	92:02	119:02	190:02	263:02

- Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**
- Qualifications of teaching faculty with D Sc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with M.Phil	Staff with PG
01	00	04



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **01**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received.

Sr. No	Name of the Teacher	Title of the Project	Funding Agency	Amount
01	Dr. S. B. Kiwane	Finite Difference System of Non Linear Parabolic Equations with Time Delays	UGC	Rs. 42,000/-

18. Research Centre /facility recognized by the University : **Research Guide & University recognized P.G. Teacher**
19. Publications:
- * a) Publication per faculty: **07**
 - * Number of papers published in peer reviewed journals (national /international) by faculty and students:

Year	Faculty Name	Publication Total
2010-11	Dr.S.B.Kiwne	01
2012-13	Dr.S.B.Kiwne	01
2013-14	Dr.S.B.Kiwne	03
	Ms.M.L.Dhumal	02

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
 - * Monographs **Nil**
 - * Chapter in Books **Nil**
 - * Books Edited **Nil**
 - * Books with ISBN/ISSN numbers with details of publishers: **Mathematics** by Dr. S.B.Kiwane, Mrs J.V. Patil and B.D. Dawkar, Chinmay Publication, Aurangabad.
 - * Citation Index **Nil**
 - * SNIP **Nil**
 - * Impact factor **Nil**
 - * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
- a) National committees **01**
 - b) International Committees **Nil**
 - c) Editorial Boards.... **01**
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme : **05%**



- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies :
Nil
23. Awards / Recognitions received by faculty and students : **02**
24. List of eminent academicians and scientists / visitors to the department
- Dr. D. B. Dhaigude: Prof. Dept Of Maths, Dr. B.A.M.U. Aurangabad
 - Dr. S. K. Panchal: Asst Prof. Dept Of Maths, Dr. B.A.M.U. Aurangabad
 - Dr.Ashok Mohekar : Dean, Faculty of science, Dr. B.A.M.U. Aurangabad
 - Dr.Deepak Pachpatte: Asst Prof. Dept Of Maths, Dr. B.A.M.U. Aurangabad
 - Dr. S.M. Deshpande: Asso. Prof. Dept. Of Geology, Institute of Science, Aurangabad
25. Seminars/ Conferences/Workshops organized & the source of funding :
- National : **01**
- International : **Nil**
- The Department organized a UGC sponsored national conference on **Recent Advances in Mathematics** in collaboration with Marathwada Mathematical Society, Aurangabad during 23-25 Dec, 2014

26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled (%)		Pass Percentage (%)
			M	F	
B.Sc. F. Y.	130	130	97	33	77.5%
B.Sc. S.Y.	87	87	51	36	75%
B.Sc. T.Y.	46	46	32	14	91.66%
M.Sc F.Y	33	33	18	15	--

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
UG	99%	01%	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **03**
29. Student progression

Student progression	Against % enrolled
UG to PG	40%
PG to M.Phil.	--
PG to Ph.D.	1%
Ph.D. to Post-Doctoral	00%



Employed	
Campus selection	02
Other than campus recruitment	--
Entrepreneurship/Self-employment	05

30. Details of Infrastructural facilities
- Library: Dept. library with 60 books
 - Internet facilities for Staff & Students- **YES**
 - Class rooms with ICT facility- **04**
 - Laboratories **Nil**
31. Number of students receiving financial assistance from college, university, government or other agencies:
- 12 students from the department received financial assistance for their project work.
32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external expert:
- Dr. S. K. Panchal, Asso. Prof. in Mathematics, Dept. of Mathematics, Dr. B. A. M. University, Auranagbad delivered a guest lecture on Coefficients and Parameters in 2013 – 2014.
33. Other Co-curricular Activities.:
- Committee member of Jagtik Marathi Sahitya Sannam "Shodh Marathi Manacha",
 - Committee member of "Third Golden Jubilee Sihavlokan Parishad"
 - Member of BOS, Dr. B. A. M. University, Auranagbad
 - Paper setting committee, Dr. B. A. M. University, Auranagbad
 - Member of faculty of Science, Dr. B. A. M. University, Auranagbad
 - Member of Examination committee, Dr. B. A. M. University, Auranagbad
 - Contribution to University through meetings of BOS & Faculty of science,
 - Member of board of Examiner, Dr. B. A. M. University, Auranagbad
34. Teaching methods adopted to improve student learning-
- **ICT and seminar method**
35. Participation in Institutional Social Responsibility (ISR) and Extension activities :
- Loksabha Election Duty performed by both faculty members.
36. SWOC analysis of the department and Future plans
- Strength**
- Good strength of students
 - Good results of students
 - Qualified staff.
 - Availability of research guide.
 - Departmental library and central library with many books.
 - Publication – National and International – 11
 - Seven students received awards in curricular and cocurricular activities.
 - Preparation of students for seminar competition/ entrance exams etc.



Weakness

- Lack of enthusiasm among students towards research.
- Lack of language skills.
- Extension work is less

Opportunities

- Career in research fields.
- Opportunities to work as teachers in secondary and higher secondary schools.
- Scope in various competitive exams.
- To take up major research projects in the subjects.

Challenges

- To have international publication by faculty
- Publication of books by faculty.
- To create awareness and love among students about the subject.
- To create a mathematical laboratory in the department.

Future plans

- To start a certificate course in Business Mathematics.
- To organize International conference on Recent Development in Differential Equations.
- To develop a separate research centre with fulfilled infrastructure facilities.

**DEPARTMENT OF MICROBIOLOGY**

- Name of the department : **MICROBIOLOGY**
- Year of Establishment : **1980**
- Names of Programs / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG**
- Names of Interdisciplinary courses and the departments/units involved - **Nil**
- Annual/ semester/choice based credit system (program wise) : **Semester**
- Participation of the department in the courses offered by other departments. : **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
- Details of courses/programs discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	02	02
Asst. Professors	01	01

- Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	Dr. A. H. Dhumal	M.Sc, Ph.D	Asso-Prof	Microbiology	34
2	Miss Banerjee. M.R	M.Sc	Asso-Prof	Microbiology	28
3	Dr.P.N.Jadhav	M.Sc, Ph.D	Asst-Prof	Microbiology	22

- List of senior visiting faculty: **Nil**
- Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: **Nil**
- Student -Teacher Ratio (program wise) : **33:01**
- Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Administrative staff - 01**
- Qualifications of teaching faculty with D.Sc/D. Litt./ Ph. D/ M Phil / PG.

Staff with M. Phil	Staff with Ph. D	Staff with PG
00	02	01

- Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **03, Grants received from UGC – Rs.160000**



Sr. No	Title of the project	Investigators	Funding Agency	Amount
01	Isolation, characterization and strain improvement of Phosphate Solubilizers from soil.	Dr Dhumal A.H (Main investigator) MsBanerjee M.R (Co-investigator) Dr Jadhav P.N (Coinvestigator)	UGC	Rs.160000

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received.: **One minor research project funded by UGC with grant of Rs. 160000**

18. Research Centre /facility recognized by the University: **Nil**

19. Publications:

* a) Publication by faculty:

* Number of papers published in peer reviewed journals (national /international) by faculty : **04**

Sr.No	Name of the Author	Title of the paper	Name of the journal	ISSN/ISB N
1	Dr.Jadhav P.N. & Prof. Gangavane L.V.	Effect of sewage components on the occurrence of <i>Azotobacter chroococcum</i> in the rhizosphere of tomato	Journal of Aquatic Biology, Vol.23(1),2008:169-174	0971-4235
2	Dr.Jadhav P.N.	Sewage irrigation and soil microorganisms(Art icle)	Sustainable Environmental Management,2004 ,96-104	-
3	Dr.Jadhav P.N.& Prof.Gangavane L.V.	Efficacy of <i>Azotobacter chroococcum</i> on nitrogen fixation on tomato	Journal of Life Science Bulletin, Vol.7(1)2010:51-52	09735453
4	Dr.Jadhav P.N.& Prof. Gangavane L.V.	Interaction between <i>A.chroococcum</i> and rhizosphere microflora of tomato	Journal of Life Science Bulletin, Vol.9(1) 2012:133-134	09735453
5	Dr.Jadhav P.N.&Prof.Gangavane L.V.	Azotobacter isolates in the phyllosphere of crops grown in sewage irrigated fields	An International peer-reviewed journal,Trends in LifeSciences,Vol.-3,4 (2014),39-41	2319-4731(p);2319-5037(e)



- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
- * Monographs **Nil**
- * Chapter in Books **Nil**
- * Books Edited **Nil**
- * Books with ISBN/ISSN numbers with details of publishers: **Nil**
- * Citation Index **Nil**
- * SNIP **Nil**
- * SJR **Nil**
- * Impact factor **Nil**
- * h-index **Nil**
- 20. Areas of consultancy and income generated **Nil**
- 21. Faculty as members in
 - a) National committees **Nil**
 - b) International Committees **Nil**
 - c) Editorial Boards.... **Nil**
- 22. Student projects
 - c) Percentage of students who have done in-house projects including inter departmental/program : **12%**

Projects Completed by Microbiology Students Under BSR II & III Scheme

Academic Year	Name of the Project	Name of the student	Name of the Guide
2012-2013	Isolation & Study of <i>Azotobacter</i> from different soil samples	Mr. Kalyan S. Bhandare	Dr. A.H. Dhumal
	Determination of potability of various water sources by MPN method	Ms. Mamta R. Lahot	Dr. A.H. Dhumal
	Isolation & study of pigment producers from air	Ms. Priyanka S. Patil	Ms. M.R. Banerjee
	Isolation and study of Phosphate solubilizing bacteria from soil	Ms. Shrutika S. Kulkarni	Ms. M.R. Banerjee
	Screening of fungal spores from different laboratory air	Mr. Mohan J. Gore	Dr. P.N. Jadhav
	Isolation & study of hemolytic bacteria from different hospital environment	Ms. Nidhi R. Bhati	Dr.P.N. Jadhav
2013-2014	Determination of efficiency of pasteurization of various pasteurized milk brands in the market	Ms. Kalyani Lokhande	Dr. A.H. Dhumal
	Determination of percent	Mr. Yuvraj Salunke	Dr. A. H.



	occurrence of various blood groups in students		Dhumal
	Isolation of antibiotic producer from soil and determination of its inhibition spectrum	Ms. Sayali U. Chandorikar	Ms. M.R. Banerjee
	Comparative account of alcohol production from various raw materials	Ms. Pallavi I. Mohite	Ms. M.R. Banerjee
	Isolation of Photosynthetic bacteria using column method from Salim Ali lake	Ms. Pooja D. Kanole	Dr. P.N. Jadhav
	Isolation and identification of soil fungus	Ms. Apurva M. Chankar	Dr. P.N. Jadhav

d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : Nil

23. Awards / Recognitions received by faculty and student :

Five Students received awards for their posters presented in poster Competitions.

24. List of eminent academicians and scientists / visitors to the department :

- Dr.A.M.Deshmukh - Prof.& Head, Dept of Microbiology Sub centre, Dr.B.A.M.U., Osmanabad.
- Dr. Sudhir Chincholkar - Prof. & Head, Dept of Microbiology North Maharashtra University, Jalgaon.
- Dr. Jayant Bhogle - Director, Microbax, Hyderabad.
- Dr Anand Prakash - Head, Dept of Microbiology Barkatullah University, Bhopal.
- Miss Priya Puthan - Food Microbiologist

25. Seminars/ Conferences/Workshops organized & the source of funding **Regional Work Shop:01, State Level Seminar- 01**

National: 01 Funded by UGC International: Nil

- The Department organized a M.S.P. Mandal sponsored Workshop on Training in Microbiology during 22-23 Feb, 2008.
- The Department orgnized a UGC sponsored State Level Seminar on 11th Feb, 2011.
- The Department also organized a UGC sponsored National Level Seminar on 24th Sept, 2013.

26. Student profile program/course wise:

Name of the Course/ Program	Applications received	Selected	Enrolled (%)	
			M	F
B.Sc I Yr	45	45	15	30
B.Sc II Yr	35	35	12	23
B.Sc III Yr	24	24	02	22

*M = Male *F = Female

**Result Analysis**

Year	Class	Sem	Paper No	Pass %
2013-14	B.Sc I	I	I	76
			II	46
	B.Sc II	III	IX	93.33
			X	86.67
	B.Sc.III	V	XVII	90.3
			XVIII	80.65
	B.Sc I	II	V	85.29
			VI	55.88
	B.Sc. II	IV	XIII	100
			XIV	72.73
	B.SC III	VI	XXI	95.65
			XXII	100

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. (Microbiology)	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Sr.No.	Exam Name	2010-11	2011-12	2012-13	2013-14
01	UGC-NET	02			
02	UGC-SET		01	02	
03	PET			03	
04	State services	02	01		
05	Bank	02	01		
06	Private sector	09	10	03	02
07	Self employed	03	04	03	01

29. Student progression:

Student progression	Against % enrolled
UG to PG	90%
PG to M.Phil.	Nil
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	Nil
Employed	B.Sc.Level-10% PG Level- 100%
Entrepreneurship/Self-employment	12%

30. Details of Infrastructural facilities

a) Library: **departmental library with 110 books.**



- b) Internet facilities for Staff & Students - **YES**
c) Class rooms with ICT facility - **YES**
d) Laboratories **One adequately equipped Laboratory**
31. Number of students receiving financial assistance from college, university, government or other agencies: **As per government rule. Under BSR II & III Scheme, 12 students received Rs 60,000 for Project.**
32. Details on student enrichment programs (special lectures / workshops / Seminar) with external experts:
- Two days' Regional Work on Hands on training on Proteomics, Genomics and Immunology
 - One day State Level Seminar
 - One day National seminar
 - Guest lectures were arranged.
- 33 Other Co-curricular Activities. **Study tour.**

Places visited	No. of students participating
Tarkarli Malvan, Sindhudurg, Amboli, Sawantwadi, Kolhapur.	34
Alibag, Kashid beach, Murud, Diveagar, Shrivardhan, Harihareshwar, Raigad	25

34. Teaching methods adopted to improve student learning-
- 1. Combination of conventional teaching methods and ICT methods.**
 - 2. Students projects**
 - 3. Discussion method.**
35. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Member of Lions Club Of Aurangabad
 - Member of Annapurna NGO
 - Extension activities- Demonstrations cum Exhibitions of Microbiology experiments to High School Students are arranged by the department every year.
36. SWOC analysis of the department and Future plans
- Strength**
- The department believes in producing competent Microbiologists and responsible citizens.
 - More opportunities of employment for students.
 - Excellent attendance of students.
 - Well equipped laboratory.
- Weakness**
- Lack of more research projects.
 - Lack of separate preparation room and inoculation chamber.



Opportunities

- Microbiology course is job oriented. It can create direct employment and self employment.
- Opportunities for staff to take up major research projects in areas like biofarming, fermentation technology, food and dairy & Environmental Microbiology.

Challenges

- It is a challenge to bring the students studied in vernacular languages to mainstream because of their improper primary schooling and language barrier.
- To create research culture and interest among students.
- To set up an independent research laboratory.

Future Plan

- To renovate laboratory.
- To organize a guest lecture series in Applied Microbiology.
- To undergo training in advanced microbial techniques.
- To collaborate with local biotechnology based industries.

**DEPARTMENT OF PHYSICS**

1. Name of the department : **PHYSICS**
2. Year of Establishment : **1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG in Physics & Instrumentation Practice (IP) PG in Physics**
4. Names of Interdisciplinary courses and the departments/units involved – **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	04	04
Asst. Professors	03	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	Dr. S.V. Chandole	M.Sc., Ph. D.	Head & Asso.Prof.	Solid State	32 years
2	Mr. P. M. Kshirsagar	M.Sc.	Asso. Prof.	Electronics	32 years
3	Dr.M.N. Sarnaik	M.Sc., Ph.D.	Asso. Prof.	Spectroscopy	30 years
4	Dr.(Mrs) V.S. Rajenimbalkar	M.Sc., Ph.D.	Asso. Prof.	Solid State	30 years
5	Dr. S. D. More	M.Sc., Ph.D.	Asso. Prof.	Electronics	05 years
6	Dr. S.V. Deshmukh	M.Sc. Ph.D.	Lecturer (Contract)	Spectroscopy	3 years
7	Mr. N.B. Girhe	M.Sc.	Lecturer (Contract)	Nuclear Physics	1 years
8	Mr.P.B.Kharat	M.Sc.	Lecturer (Contract)	Electronics	1year
9	Ms.Mahadik M.M.	M.Sc.	Lecturer (Contract)	Electronics	1year
10	Dr.(Mrs) M.R.Patil	M.Sc.	Lecturer	Solid State	1year



		Ph.D.	(C.H.B.)		
11	Mrs.S.R.Jadhav	M.Sc.	Lecturer (C.H.B.)	Solid State	1year
12	Mr. Wankhede V. V.	M.Sc.	Lecturer (C.H.B.)	Electronics	2year
13	Ms. Wadewale N.B.	M.Sc.	Lecturer (C.H.B.)	Nuclear Physics	1year
14	Mr. S.S.Pawar	M.Sc.	Lecturer (C.H.B.)	Nuclear Physics	1year
15	Ms.S.B.Misal	M.Sc.	Lecturer (C.H.B.)	Spectroscopy	1year
16	Ms. B.B.Bhagat	M.Sc.	Lecturer (C.H.B.)	Electronics	1year

11. List of senior visiting faculty:

1. Dr.S.H.Behere, Ex. Prof. Dr.Bamu, Aurangabad

12. Percentage of lectures delivered and practical classes handled (programme wise)by temporary faculty : **33.7%**.

13. Student -Teacher Ratio: **54:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **03**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with M.Phil	Staff with Ph.D	Staff with PG
00	06	10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received.

Name	Funding Agency	Amount
Dr. J.B.Shinde	UGC	Rs. 1,30,000/-
P.M.Kshirsagar	UGC	Rs. 80,000/-

18. Research Centre /facility recognized by the University :

Yes, recognized in 1989.

19. Publications:

* a) Publication per faculty: 04

* Number of papers published in peer reviewed journals (national /international) by faculty and students: **08**

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
04

* Monographs **Nil**

* Chapter in Books **Nil**

* Books Edited **Nil**



- * Books with ISBN/ISSN numbers with details of publishers **Nil**
- * Citation Index **Nil**
- * SNIP **Nil**
- * Impact factor **Nil**
- * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
- a) National committees **Nil**
- b) International Committees **Nil**
- c) Editorial Boards.... **Nil**
- d) Professional Bodies
- Dr.S.V.Chandole is Life member of
1. Indian Physics Association
 2. Indian Cryogenics Council
 3. Instrumentation Society of India
 4. Indian Association of Physics Teachers
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme :
- Year 2012-2013 :**
6.05%, 12 (UGC prject)+17(IP IIIyr Project)=29 students out of 479,
- Year 2013-2014 :**
4.9%, 12 (UGC prject)+17(IP IIIyr Project)=29 students out of 591
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students :
- Miss Shau Reena Shivbhajan is awarded “Smt. Sakhubai Pande Prize of Rs. 200/- for securing highest number of marks in subject Physics at B.Sc. III year examination held in March/April 2010.
24. List of eminent academicians and scientists / visitors to the department
1. Prof. Dr. Jayant V. Narlikar
 2. Prof. Dr. S. Ananthakrishan
 3. Prof. Dr. R. Nagrajan
 4. Prof. Dr. P. N. Sen
 5. Prof. Dr. R. N. Karekar
 6. Prof. Dr. (Mrs.) M. J. Narlikar
 7. Prof. Dr. C. K. Desai
 8. Prof. Dr. Shirish Pathare
 9. Prof. Dr. Atul Modi
 10. Prof. Dr. S. H. Behere
25. Seminars/ Conferences/Workshops organized & the source of funding
- National Conferences Year
- 2010-2011:**



- One Day Orientation Course in Physics & Electronics (8th Aug 2010)
- Workshop on Physics Practicals (22th Jan 2011)
- National Level Seminar on Nano Science (3rd April 2010)

2011-2012:

- Motivational Bridge Course in Mathematical
- Methods in Physics and Laboratory Practices(15 June to 9 July – 2011)”

2013-2014:

- UGC sponsored National Seminar on Effective teaching
- Methods in Physics, 30-31 Aug,2013.

26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled		Pass Percentage (%)
			M	F	
B.Sc. I (Physics) Semester I & II	228	228	176	52	72.6
B.Sc.II year (Physics) Semester I& II	172	172	118	54	63.23
B.Sc.III year (Physics) Semester I & II	92	92	71	21	83.47
B.Sc. I (IP) Semester I & II	36	36	27	9	75.44
B.Sc. II (IP) Semester I & II	35	35	26	9	89.95
B.Sc.III (IP) Semester I & II	17	17	14	3	96.96

*M = Male *F = Female

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
BSc	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	10%
PG to M.Phil.	---
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	----
Employed	--
Campus selection	
Other than campus recruitment	
Entrepreneurship/Self-employment	--



30. Details of Infrastructural facilities
- Library **Yes**
 - Internet facilities for Staff & Students - **Yes**
 - Class rooms with ICT facility - **Yes**
 - Laboratories - **Yes**
31. Number of students receiving financial assistance from college, university, government or other agencies:
24 Students (12 students in 2012-13 & 12 in 2013-14)
32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:
Motivational Bridge Course in Mathematical Methods in Physics and Laboratory Practice was organized for UG students in Marathwada region during 15 June to 9 July – 2011. The course was sponsored by i. Indian Academy of Sciences (IAS), Banglore, Indian National Science Academy (INSA),New Delhi &National Academy of Siences india (NASI),Allahbad. About 106 applications were received for the course,out of that 75 applications were shortlisted. 69 students from different colleges affiliated to Dr.Babasahib Ambedkar Marathwada University,Aurangabad & Swami Ramanand Tirth Marathwada University,Nanded. Following eminent academicians and scientists were visited our college campus to deliver resource talks in bridge course.
1. Prof. Dr.Jayant V.Narlikar (Founder & Director, IUCA, Pune)
 2. Prof. Dr. S. Ananthkrishan (Pune University, Pune)
 3. Prof. Dr.R.Nagrajan (Prof. Emeritus, University of Mumbai)
 4. Prof. Dr. P.N.Sen (Pune University, Pune)
 5. Prof. Dr. R.N.Karekar (Pune University, Pune)
 6. Prof. Dr.(Mrs) M.J.Narlikar (Pune University, Pune)
 7. Prof. Dr. C.K.Desai (Bajaj Science centre, Wardha)
 8. Prof. Dr. Shirish Pathare (Homi Bhabha Science Centre, Mumbai)
33. Other Co-curricular Activities.: **Nil**
34. Teaching methods adopted to improve student learning- Use of ICT, Discussions with students Methods, conducting seminars in class & demonstration of practicals were adopted.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Exhibition and demonstration of science experiements to High school students organized on 22-01-2010.
 - Exhibition and demonstration of science experiements to High school students organized on 28-2-2011.
 - Exhibition and demonstration of science experiements to High school students organized on 17-2-2012.



- Exhibition and demonstration of science experiments to High school students organized on 08-01-2015.

36. SWOC analysis of the department and Future plans:

Strength

- Good result at UG and PG level.
- Special unique course at UG level entitled Instrumentation Practice.
- University recognized Ph.D research centre.
- Highly experienced teaching staff.

Weakness

- Lack of enough permanent faculty.
- Need to develop full-fledged IP lab.
- More number of students in classroom.

Opportunities

- To commence more skill development programmes in the subject.
- To prepare our students for IIT, Central Universities, etc.
- To orient student for basic research in the subject.

Challenges

- To increase high scientific temper among students.
- To link up the curricula and teaching-learning process with the need of industries.
- Motivating students to take up projects for better experimental research.

**DEPARTMENT OF ZOOLOGY**

- Name of the department : **ZOOLOGY**
- Year of Establishment : **1960**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **BSc, MSc and PhD**
- Names of Interdisciplinary courses and the departments/units involved – **Nil**
- Annual/ semester/choice based credit system (programme wise) : **Semester**
- Participation of the department in the courses offered by other departments. : **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Paul Habert DNA Bar-coding Centre, Dr BAMU, Aurangabad.**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**

- Number of Teaching posts:

Position	Sanctioned	Filled
Professors	01	01
Associate Professors	00	01
Asst. Professors	03	01

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	Ph.D. Guidance
Dr. M. L. Jadhav	MSc PhD	Principal	Physiology	32 years	--
Dr. A. B. Pardeshi	MSc PhD	Assot. Prof & Head	Entomology	15 yrs	05
Dr. M. N. Nagawanshi	MSc PhD	Asst. Prof.	Helminthology & physiology	09 yrs	--

- List of senior visiting faculty: **Nil**
- Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **Nil**
- Student -Teacher Ratio (programme wise) : **100:01**
- Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Sanctioned 02, Filled 02**
- Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
03	--	--

- Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **UGC- 02 (19 Lakh Rupees).**
- Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and



total grants received.

Sr. No.	Name of Faculty	Minor/Major R. Project	Funding agency	Amount
1.	Dr. A. B. Pardeshi	Major	UGC	7,57,300/-
2.	Dr. R. K. Nimbalkar	Major	UGC	9,59,800/-
3.	Dr. M. N. Nagawanshi	Major	UGC	11,27,000/-
Total amount				28,44,100/-

18. Research Centre /facility recognized by the University : **Yes**

19. Publications:

a) Publication per faculty:

Sr. No.	Name of faculty	Total Publication
1.	Dr. M. L. Jadhav	31
2.	Dr. A. B. Pardeshi	16
3.	Dr. M. N. Nagawanshi	04
4.	Dr. Y. R. Reddy	10
5.	Dr. K. D. Kaldate	05
6.	Ms. P. N. Bajad	02
7.	Ms. V. S. Kanse	10

* Number of papers published in peer reviewed journals (national /international) by faculty and students:

Sr. No.	Name of faculty	Total Publication
1.	Dr. M. L. Jadhav	31
2.	Dr. A. B. Pardeshi	14
3.	Dr. M. N. Nagawanshi	04
4.	Dr. Y. R. Reddy	10
5.	Dr. K. D. Kaldate	05
6.	Ms. P. N. Bajad	02
7.	Ms. V. S. Kanse	10

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

* Monographs **Nil**

* Chapter in Books **Nil**

* Books Edited **Nil**

* Books with ISBN/ISSN numbers with details of publishers **Nil**

* Citation Index : Dr. A. B. Pardeshi

2010	2011	2012	2013	2014
--	01	--	01	02

* SNIP **Nil**

* Impact factor **Nil**

* h-index **01**

20. Areas of consultancy and income generated **Nil**



21. Faculty as members in
- National committees **Nil**
 - International Committees **Nil**
 - Editorial Boards.... **Nil**
22. Student projects
- Percentage of students who have done in-house projects including inter departmental/programme : **10%**
 - Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students: **01**
- Dr. P. V. Jabde received Best Educationalist Award by International Institute of Education and Management, New Delhi on 30th Nov., 2011 for outstanding achievement in the field of education.
 - Students' achievement in University Exams.

Sr. No.	Name of Student	Year	Result status	Award
1.	Ms. Supriya Vasant Shendage	March, 2013	University topper	First
2.	Ms. Rutuja Shirish sarnaik	March, 2014	University topper in Zoology	Dr. Anita Ramkrishnarao Award by Dr. B. A. M. University, A'bad

- Rajiv Gandhi Fellowship sanctioned by UGC to Ms. Manisha Gadewad, Ph.D. student in Zoology (with effect from 1st April, 2014)
24. List of eminent academicians and scientists/visitors to the department :
- Prof. Goy Joseph, Life Sciences Dept ,Haward University, US.
 - Mrs. Jennnet Goy, Research Scientist, Haward University, US.
 - Prof. V. L. Maheshwari, Director, N.M.Univ, Jalgaon.
 - Prof. G. N. Wankhede, Former Head, Dept. of Zoology, S.G.M. Univ., Amravati.
 - Prof. Hiware, Director, Govt. Maharashtra sericulture, Nagpur
 - Prof. V. S. Lomte, Former Director, B.C. U. D. , Dr. B. A. M. Univ, A'bad.
 - Prof. Y.K. Khillare, Head, Dept. of Zoology, Dr. B. A. M. Univ., A'bad
 - Prof. S. P. Zambare, Former Director, B. C. U. D, Dr. B. A. M. Univ,A'bad
 - Prof. M.N.Kachole, Head Dept of Biochemistry, Dr BAMU, Aurangabad.
 - Prof. R.A.Mane, Head Dept of Chemistry, Dr BAMU, Aurangabad.
 - Prof.A.M.Mungikar, Dept of Botany,Dr BAMU, Aurangabad.
 - Principal, A.M.Mohekar, Dean, Faculty of Science, Dr BAMU, Aurangabad.
 - Prof. S. Nikam, Dept. of Zoology, Dr. B. A. M. Univ, A'bad
 - Dr. Sambhajirao Shinde, Chairman, BOS, Dr. BAMU.



25. Seminars/ Conferences/Workshops organized & the source of funding
- a) **National** : UGC sponsored Two day National conference on Eco studies Green studies: Perspectives from literature, Life Sciences and Earth Sciences, 2-3, Feb 2013.

b) **International** : - Nil

26. Student profile programme/course wise:

Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
B.Sc FY	122	122	62	60	96.38%
B.Sc SY	82	82	45	37	85.52%
B.Sc TY	72	72	36	36	99.22%
M.Sc I year	15	15	08	07	96%
M.Sc. II year	11	11	02	09	100%
Ph.D	04	04	01	03	---

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc	100%	--	--
M.Sc	97%	3 %	--
Ph.D	100%	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**

29. Student progression

Student progression	Against % enrolled
UG to PG	25%
PG to M.Phil.	--
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	--
Employed Campus selection Other than campus recruitment	30%
Entrepreneurship/Self-employment	25%

30. Details of Infrastructural facilities

- a) Library - **Yes**
- b) Internet facilities for Staff & Students - **Yes**
- c) Class rooms with ICT facility - **Yes**
- d) Laboratories: **02 labs, a Museum (No. of Specimens 400) and university recognized Ph.D Research Centre.**



31. Number of students receiving financial assistance from college, university, government or other agencies: Reaserch Project Fellowship, GOI for all reserved categorysStudents.

Class	2010-2011	2011-2012	2012-2013	2013-2014
I	16	38	43	43
II	26	14	37	88
III	16	09	20	33

- Rajiv Gandhi Fellowship sanctioned by UGC to Ms. Manisha Gadewad, Ph.D. student in Zoology (with effect from 1st April, 2014)
32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: **Arranged lecture under Science Forum**
- Students participated in science exhibition, quiz competition, Seminars, etc.
34. Teaching methods adopted to improve student learning-
Group discussion, seminar, project and field work for samples collection.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities : **Yes.**
- The department has set water pots and feeders for birds in college campus.
 - Students are involved in insect collection in fields.
 - Students take part as demonstrators in annual demonstrations and exhibitions of science experiments orgnized for school students.
36. SWOC analysis of the department and Future plans
- Strengths:**
- University recognized Ph.D Research Centre
 - Research projects of faculties are funded by UGC.
 - Good results of students.
 - Recognized publication by faculty.
- Weaknesses:**
- Inadequate space for zoology museum,
 - Lack of financial resources.
 - PG is non-granted.
- Opportunities:**
- The department has scope in research in areas like aquaculture, agricultural and biotechnological industries, etc.
 - To equip students with latest areas of reasearch in Zoology.
- Challenges:**
- To make students Self-employment and placement in this subject.
 - To increase self employment through the courses.



Future Plan:

- To establish high class laboratories.
- To organize conference/ seminar/ workshops for researchers and academicians.
- To establish separate Zoology museum.
- To submit research project proposals to various funding agencies.
- To motivate P.G. students for NET and SET examinations.

**DEPARTMENT OF COMMERCE**

1. Name of the department : **COMMERCE**
2. Year of Establishment : **UG-1965 PG-1982**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **B.Com, B.B.A., B.C.A., M.Com, DBM**
4. Names of Interdisciplinary courses and the departments/units involved –
English
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. :
Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Tally Solution Pvt.Ltd.**
8. Details of courses/programmes discontinued (if any) with reasons. : **nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	02	02
Asst. Professors	08	04
CHB/Fix Pay	11	11

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience	Ph.D. Student Guided
1	Dr.U.V.Panchal	Ph.D. M.Com, LLB, DBM	HOD Asso. Prof.	Commerce	31	8
2	Dr.R.B.Lahane	Ph.D. M.Com, GDC&A	Assit. Prof.	Commerce	7	8
3	Dr.K.A.Thombre	Ph.D. M.A. SET	Asso. Prof.	Commerce	14	8
4	Mr.S.D.Ratnaparkhe	M.Com, MBA, NET, GDC&A, LLB	Assit. Prof.	Commerce	6	0
5	Ms.P.L.Chitnis	M.Com, B.ed, M.Phil, NET, Ph.D (App)	Assit. Prof.	Commerce	6	0
6	Mr.S.B.Vanjari	M.Com, SET, NET(Comm), MBA,NET (Mgt)GDC&A, DTL, DCS Ph.D(App)	Assit. Prof.	Commerce	4	0



7	Dr.Jadhav A.B.	P.hd.,M.Com.	Assit. Prof. Fix Pay	Commerce	7	0
8	Mr.Kaldate K.G.	M.com., SET	Assit. Prof. Fix Pay	Commerce	-	0
9	Ms.Tambe U.B.	M.Com	Assit. Prof. Fix Pay	Commerce	4	0
10	Mr.Gholkar D.R.	MCM	Assit. Prof. Fix Pay	Commerce	6	0
11	Dr. Patil S.N.	M.Com,Ph.D, M.A.(Eco), GDC&A	Assit. Prof. Fix Pay	Commerce	-	0
12	Ms. Salve S.V.	M.Com. M.phil	Assit. Prof. Fix Pay	Commerce	-	0
13	Mr.Sonavne S.B.	M.Com., NET,	Assit. Prof. Fix Pay	Commerce	5	0
14	Ms.Deshmukh V.S.	M.Com. M.Phil	Assit. Prof. Fix Pay	Commerce	3	0
15	Kharat N.G.	M.Com.,NET., M.S.W. G.D.C. & A.	Assit. Prof. Fix Pay	Commerce	2	0
16	Bharswadkar M.L.	M.Com.,MBA. ,M.Phil. GD.C.&A. D.M.M, P.G.D.M.M	Assit. Prof. Fix Pay	Commerce	7	0
17	Gangwal U.B.	M.Com., Bed.,M.Phil.	Assit. Prof. Fix Pay	Commerce	10	0

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise)by temporary faculty : **35%**

13. Student -Teacher Ratio (programme wise) : **UG**

2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
97:1	113:1	115:1	122:1	136:1

PG(M.Com, DBM)

2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
82:1	103:1	117:1	124:1	131:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **02**



15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

PG	Staff with Ph.D	Staff with M.Phil
17	05	04

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**

18. Research Centre /facility recognized by the University : **Nil**

19. Publications:

* a) Publication per faculty:

Sr. No.	Name of Faculty	2010-2011	2011-2012	2012-2013	2013-2014	Total
1.	Dr.U.V.Panchal	01	07	11	09	28
2.	Dr.K.A.Thombre	03	04	03	03	13
3.	Dr.R.B.Lahane	02	02	03	01	08
4.	Mr.S.D.Ratnaparkhe	02	02	02	01	07
5.	Ms.P.L.Chitnis	00	03	01	01	05
6.	Mr.S.B.Vanjari	00	02	01	01	04

* Number of papers published in peer reviewed journals (national /international) by faculty and students: **06**

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

* Monographs **Nil**

* Chapter in Books **Nil**

* Books Edited **Nil**

* Books with ISBN/ISSN numbers with details of publishers **Nil**

* Citation Index **Nil**

* SNIP **Nil**

* Impact factor **Nil**

* h-index **Nil**

20. Areas of consultancy and income generated **Nil**

21. Faculty as members in

a) National committees **Nil**

b) International Committees **Nil**

c) Editorial Boards.... **02**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme : **100%**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies :

M.Com-II-100%



23. Awards / Recognitions received by faculty and students:
1) Dr. B.A.M.Uni Rank-I, Mr.Gaurav Pardeshi(2010-2011) 2) Dr.BAMU Rank-III Ms.Kulkarni(2010-2011)
24. List of eminent academicians and scientists / visitors to the department
Dr.Shivaji Madan Magrt. Counsil Member (Commerce), Dr. BAMU Aurangabad
Dr.W.K.Saewade, Professor and Dean Dept.Of Magt.Science, Dr.BAMU
Dr.K.B.Laghane, Dean, Faculty of Commerce, Dr.BAMU, Aurangabd
Dr.M.A.Lokhande, Professor and Head Dept.Of.Commerce, Dr.BAMU
Dr.Sayyed Azruddin, Asso.Professor and Finance Officer, Dr.BAMU Aurangabad
Dr.Ajit Thete, Ex.Joint Director, Techniqual Education, Aurangabad
Mr.D.U.Thaware Sr.Project Officer, MCED, Auranagad
Mr.B.S.Raut, Successful entrepreneur & Member, MASSIA
Mr.Sachin Kumar, Magt.Guru
Mr.Mahesh Sakhare, Personality Development Trainer
Mr.Raman Ajgaonkar, Successful entrepreneur
25. Seminars/ Conferences/Workshops organized & the source of funding : Nil
26. Student profile programme/course wise: 2013 - 2014

Name of the Course/programme	Applications received	Selected	Enrolled		Pass %
			*M	*F	
B.Com	1600	1587	962	625	96.79%
B.B.A	102	102	80	22	76.00%
B.C.A	181	181	132	49	76.59%
M.Com/DBM	350	309	174	135	78.00%

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
B.Com	99%	01%	--
B.B.A	98%	02%	--
B.C.A	98%	02%	--
M.Com	98%	02%	--
DBM	100%	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?
–NET-02 CPT (CA): 167, CA : 15, ICWA:04, CS:04, MBA-CET : 170.



29. Student progression

Student progression	Against % enrolled
UG to PG	55%
PG to M.Phil.	5%
PG to Ph.D.	1%
Ph.D. to Post-Doctoral	NIL
Employed	
Campus selection	2%
Other than campus recruitment	1%
Entrepreneurship/Self-employment	30%

30. Details of Infrastructural facilities

a) Library **Central Library****Books: 7150, CD's : 153, Commerce Journals : 09****E-Books: 1,13,324, E-Journals : 6020**b) Internet facilities for Staff & Students- **YES**c) Class rooms with ICT facility- **02**d) Laboratories **Computer Library**

31. Number of students receiving financial assistance from college, university, government or other agencies

GOI for all Reserved Category Students as per rule.

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts : Yes

1. Arranged special guest lecturers of Chartered Accountants, Entrepreneur eminent persons from different fields.

2. Arranged seminars workshops on personality development

33. Other Co-curricular Activities:

Faculty adapts ICT Method for teaching along with regular classroom teaching .

- Conducts Industrial Visits.
- Organizes Guest Lectures of Experts.
- Delivers lectures for Orientation and Refresher course.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Faculties of Department of Commerce actively participate in conduct of NSS Annual Camp and delivers lectures.
- Some faculty members are actively involved in social/ community development activities by participating in Blood Donation Camp, Financial Assistant for Flood/ Draught relief fund.
- Dr.U.V.Panchal delivered the lecture at academic staff college in BAM University Aurangabad
- Ms.Chitnis P.L. delivered the lecture in Vocational Orientation Program at Vocational Board Aurangabad



- Ms.Chitnis P.L. worked as NSS Program Officer at college unit.
- Ms.Vanjari S.B. working as NSS Program Office at college unit.
- All staff members worked as Election Officer in Loksabha and Vidhansabha election 2014.
- Tree Plantation Program.
- Students donate sweets and cloths to Orphanage in Aurangabad at diwali.

Extension Activity

- Placement Cell : Through Dept. Of Commerce campus interviews were organized for all students not only for Deogiri college but for whole city and large number of opportunities made available for last 25 years.
 - Students Mentoring Programmes are regularly conducted every year for the students. Personality and Soft Skill Development Programmes are being conducted every year for over all development of the students.
36. SWOC analysis of the department and Future plans

Strength

- Exclusive English Medium Teaching for all Divisions
- Regular Classes with effective teaching
- Adequate Library and E-Library Resources
- Use of ICT in Teaching
- Highly Qualified and experienced staff
- Largest Student Strength in Marathwada region.
- Excellent Infrastructure facility.
- Three Research Supervisor faculties.

Weakness

- Less attendance
- Poor Sincerity and dedication of Students
- Lack of Career awareness
- Limited Infrastructure

Opportunities

- Global Job opportunity for student
- Opportunity for self employment
- Career Opportunity to become CA,CWA,CS,MBA,SET,NET,MPSC,UPSC etc.
- Career Opportunities in BPO/KPO/LPO/Taxation/
- Financial Services

Challenges

- To increase the attendance of students.
- To Bridge the gap between theoretical study and actually setup the new ventures.
- To design the practical oriented course work by making tai-up with different industries



- To design curriculum according to industry and society requirement.
- To enhance basic skills of students for creation of self employability and employability.

Future Plan of Department

- Conversion of more no. of classrooms into smart class.
- Upgradation of syllabi as per industry requirements.
- Accepting community college concept to increase students employability .
- Increasing industry-academic interface through guest lectures, industrial visits, workshops etc.
- Conducting Systematically personality and skill development programme for the students
- To inspire students for professional education and competitive examinations.
- Inspiring students for self employment through EDP Workshops.
- Adoption of practical base teaching-learning process.
- Conducting continuously Faculty Development Programme.
- Maximum Use of ICT in Teaching-Learning Process.

**DEPARTMENT OF ENGLISH**

1. Name of the department : **ENGLISH**
2. Year of Establishment : **1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D. etc.) :
UG/PG/M.Phil/ Ph.D
4. Names of Interdisciplinary courses and the departments/units involved : **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.
Certificate Course in Business Communication in English in collaboration with INFOSYS
8. Details of courses/programmes discontinued (if any) with reasons : **Nil**
9. Number of Teaching Posts:

Position	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Assistant Professor	7	6

10. Faculty profile with name, qualification, designation, specialization:

Name	Qualification	Designation	Specialization	Experience	Ph.D. Students guided
Dr. G. M. Patil	MA, M.Phil, Ph.D.	Associate Professor	Indian Writing in English, Diaspora Studies	20	5
Dr. P. P. Sonune	MA, Ph.D	Assistant Professor	Indian Writing in English, Diaspora Studies	15	
Dr. M. S. Hande	MA, M.Phil, Ph.D., DHE	Assistant Professor	Indian Writing in English	8	
Dr.N.C. Deshmukh	MA, Ph.D	Assistant Professor	American Literature	12	5
Mr. V.W. Patil	MA, M.Phil, SET	Assistant Professor	Science Fiction, Literary Criticism and Theory	6	
Dr. R.S. Shesham	MA, M.Phil, Ph.D	Assistant Professor	Afro-American Literature	3	
Mr. A. M. Jadhav	M.A.,M.Phil, SET, NET	Assist. Prof.	British Literature	1	



Mr. A.V. Gholap	M.A., M.Phil	Assist. Prof. CHB	Afro-American Literature	1	
Mr. N. K. Suryawanshi	M.A	Assist. Prof. CHB	Indo-Canadian Diaspora	1	
Ms.S.S. Chavan	M.A., B.Ed., M.Phil	Assist. Prof. Fix- pay	British Literature	4	
Mr. S. A. Jadhav	M.A., B.Ed., SET, NET	Assist. Prof. Fix- pay	American Literature	1	

11. List of senior visiting faculty : **Nil**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **19%**

13. Student –Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14
302 : 1	318:1	300 : 1	317 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**

15. Qualifications of teaching faculty with DSc/ D. Litt/ Ph.D./ M.Phil./ PG

Staff with Ph.D.	Staff with M.Phil.	Staff with PG
05	07	02

16. Number of faculty with ongoing projects from

a) National : **Nil**

b) International funding agencies and grants received : **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received :

Funding Agency: UGC

Sr. No	Title /Subject	Name of PI/Co-PI	Period/date of Completion	Grant/Amount Mobilized (Rs. Lakh)
1	Nobel Lauretes: A Study from Feminine Perspective	Dr. Geeta Patil	2011-13	4,77,000/-
2	Natural Intelligence Vs. Artificial Intelligence: A Study in Science Fiction	Mr. Vishnu Patil	2011-13	90,000/-

18. Research Centre /facility recognized by the University : **Yes**

19. Publications:

a) Publication per faculty

*Number of papers published in peer reviewed journals (national / international) by faculty and students



Sr. No.	Title of the Journal	Title of the Article	ISSN/IS BN No.	Name of the Author
1	Abhisaran, 2011	Multiculturalism and Identity	2229-4856	Dr. G. M. Patil
2	Literary Endeavour, Vol III No. 1Jan 2012	A Quest for Inner Freedom in Dom Mores Autobiography	ISSN 0976-299x	Dr. G. M. Patil
3	Vision Research Review, 2012	Iris Murdoch's Concept of Fantasy of Freedom		Dr. G. M. Patil
4	The Interiors Vol. I, 2012	V. S. Naipaul's The Mimic Men: The Political Men		Dr. G. M. Patil
5	Thematic Journal of English Criticism 2012	The Eight Rituals in Robin Sharma's Leadership Wisdom		Dr. G. M. Patil
6	New Voices Vol.II 2012	Suniti Namjoshi's Goja: A Search for Identity		Dr. G. M. Patil
7	Thematic Journal of Indian Literature , 2013	Shashi Tharoor's The Great Indian Novel and Indian Political Culture		Dr. G. M. Patil
8	Innovative Research (A Biannual Interdisciplinary Journal of Literature, Cultural & Humanities)	Bringing about Active Eco-concerns: An 'After Theory' Perspective	2277-9574	Mr. V.W. Patil
9	Abhisaran, 2011 Vol.5	Concerning Feminist Economics & The Role of Saving Groups in Indian Context	2229-4856	Mr. V.W. Patil
10	Abhisaran, 2011 Vol.5	Legitimizing Naxalist Violence in Adiga's <i>The White Tiger</i>	2229-4856	Mr. V.W. Patil
11	Langlit: An International Peer Reviewed Open Access Journal	Ideology of Violence: Killing a Prostitute in Elkunchwar's Garbo	2349-5189	Mr. V.W. Patil
12	Deccan Literary Journal (Bi-Annual) Vol. 1	Quest for Autonomy and Identity in Alice Childress' <i>Wine in the Wilderness</i>	2249-1910	Dr. R.S. Shesham
13	Ajanta Prakashan (International Multidisciplinary Quarterly Research Journal) Vol. I Issue IV	Post Colonial Comportment as depicted in Achebe's <i>Things Fall Apart</i>	2277-5730	Dr. R.S. Shesham
14	Hi-Tech Research	Racial Disquiet in Lorraine	2231-	Dr. R.S. Shesham



	Analysis (Half Yearly Journal) Vol. I Issue IV	Hansberry's <i>A Raisin in the Sun</i>	6671	
15	Akshardeep - International Monthly Research Journal	Absurdities Elements in Harold Printer's The Birthday Party, The Caretaker, & The Home Coming	2278-8204	Mr. A. M. Jadhav

b. Papers presented in **Seminars/ Conferences** by the faculty members of the Department

Name of the Faculty	Level	Total no. of paper presented
Dr. Geeta M. Patil	State level	05
	National level	15
	International level	07
Dr. Pravin Sonune	State level	--
	National level	10
	International level	07
Dr. N.C. Deshmukh	State level	--
	National level	06
	International level	05
Mr. Vishnu Patil	State level	03
	National level	14
	International level	03
Dr. Rajesh Shesham	State level	02
	National level	14
	International level	04

c. Articles/Chapters **published in Books** by the Department Faculty members.

Sr. No.	Title of the book	Article / Chapter author	ISSN/ISBN No. if any	Name of Main author/Co-authors
1	Violence in Indian English Drama	Concerning Violence & Violation in Elkunchwar's <i>Desire in the Rocks</i>	978-93-81169-20-9	Mr. V.W. Patil
2	Confluences of Recent Voices in Indian English Literature	Living Tomorrow: A Study in Extrapolative Science Fiction	978-81-89972-87-5	Mr. V.W. Patil
3	Jagi Aisa Bap Vhava: Samiksha Ani Sandarbh	Living Father's Dream	978-81-89972-67-7	Mr. V.W. Patil



4	Minority Discourses	The Dual Menace of Being Black and Female	978-81-89972-98-7	Dr.R.S. Shesham / Dr. P.P. Sonune
5	Minority Discourses	Reflections of women in Literature	978-81-89972-98-7	Dr. P.P. Sonune
6	Confluences of Recent Voices in Indian English Literature	Kiran Desai's Hullabaloo in Gauva Orchard	978-81-89972-87-5	Dr.R.S. Shesham
7	Terminology and Translation: A General Review	Translation and Literary Studies: An Overview	978-81-928515-1-8	Dr.R.S. Shesham
8	Language, Literature and Psychology	Literary Manifesto of Afro-Americans' Trauma	978-9382504-50-4	Dr.R.S. Shesham

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- * Monographs
- * Chapter in Books
- * Books Edited

Sr. No	Name of the Book	Publication	Year & ISBN	Editor
O1	Confluences of Recent Voices in Indian English Literature	Jaipur Pulication, Jaipur	2013 . 978-81-89972-87-5	Patil V.W

- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

20. Areas of consultancy and income generated : **Nil**

21. Faculty as members in

- a) National committees b) International Committees c) Editorial Boards....

Nil

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme : **95%**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **Nil**

23. Awards/ Recognitions received by faculty and students :

**Dr.G.M.Patil :**

- She is elected as a member of **Management Council, Academic Council, Board of Studies in English** and also as the Chairperson of Grievance Committee of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- She is co-opted as an External Expert Member in BOS at Swam Ramanand Teerth Marathwada University, Nanded.

24. List of eminent academicians and scientists/ visitors to the department :

- Dr.C.J. Jahagirdar
- Dr. Ravindra Kimbahune
- Dr. Jayant Narlikar
- Dr. Kashinath Ranveer

25. Seminars/ Conferences/Workshops organized & the source of funding :

a)National

b)International

Sr. No.	Regional/National/ International	Duration	Sponsoring agency
1	State Level Seminar on Science Fiction and Its Prospect	April 12, 2011	UGC
2	National Seminar on Co-operative Endeavor for Quality Enhancement	Sept. 20-21,2011	NAAC
3	Regional workshop on Approaches to Literature	August 5, 2012	Dr. B.A.M. University, Aurangabad
4	Regional workshop on Enrichment and Transmission of the Revised Syllabus in English	August 17,2013	Dr. B.A.M. University, Aurangabad
5	Regional workshop on Revised Syllabus of English at PG Level	January 2, 2015	Dr. B.A.M. University, Aurangabad

26. Student profile programme/course wise(UG/PG/CERTIFICATE):

Name of the Course/ programme	Applications received	Selected	Pass percentage
BA I	400	378	72%
BA II	239	239	58%
BA III	22	22	96%
MA I	80	63	96%
MA II	48	48	96%



27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA I	99%	01%	--
BA II	100%	--	--
BA III	100%	--	--
MA I	99%	01%	--
MA II	100%	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.: **2**

29. Student progression

Student progression	Against % enrolled
UG to PG	95%
PG to M.Phil.	50%
PG to Ph.D.	50%
Ph.D. to Post-Doctoral	
Employed	--
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- a) Library
- b) Internet facilities for Staff & Students: **Available.**
- c) Class rooms with ICT facility: **Available**
- d) Laboratories: **English Language Lab (25 consoles)**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Scholarship from Government**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: : **English Literary Association/Guest Lectures/ Seminars /Workshops / Film Festival/ Certificate Course in Spokent English**

33. Teaching methods adopted to improve student learning:

- Lectures, Seminar, Tutorials, ICT.
- Screening of movies based on the text books prescribed
- Students seminars to encourage them for research and organized writing
- Screening of documentaries in English to introduce students with proper English pronunciation
- Use of language lab for teaching of phonetics

34. Participation in Institutional Social Responsibility (ISR) and Extension activities



- Dr. Pravin Sonune – Member, De-addiction Center, Aurangabad
- Mr. V. W. Patil – Participated in the NSS Camp organized by the NSS Department of the College.
- Dr. N.C. Deshmukh – Member, World Peace Movement Trust
Life Member, American Research Center, Hyderabad
Member, AERA
Member, BAMUCTA & is associated with Ramkrishana Mission Ashram, Aurangabad
Member, Alumni Association, Deogiri College,
- Mr. A. M. Jadhav: Member, Alumni Association, Deogiri College, Aurangabad

35. SWOC analysis of the department and Future plans:

Strengths:

- Well equipped Language Laboratory.
- Research centre
- Faculty engaged in Research – 100%
- Use of ICT in Teaching
- Organization of seminars/ workshops
- Certificate course in Advance Business English

Weaknesses:

- Economically poor background of students.
- Teachers on contract basis.
- Less participation of the Department in Syllabus framing.

Opportunities:

- Growing number of successful students in campus interview.
- Strengthening Students Teachers relationship through organizing various departmental activities and existing facilities

Challenges:

- To cope up with the contemporary demands of industries for proficiency in the language.
- Lack of need based functional English syllabus.
- Making the Department self-sufficient in order to become autonomous.

Future Plan:

- To organize a full-fledged Refresher Course in English Language and Literature.
- To organize a National Seminar and International Seminar.
- Strengthening the existing Language Lab with addition of computers and new softwares.
- To organize Literary Film Festival.
- To organize study tour to OUCIP, Hyderabad, CIEFL, Hyderabad
- To engage extension activities in nearby schools regarding development of communication skills of the students.

**DEPARTMENT OF HINDI**

1. Name of the department : **HINDI**
2. Year of Establishment : **1959**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG, PG, Ph.D**
4. Names of Interdisciplinary courses and the departments/units involved - **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	00	00
Asst. Professors	03	03
Asst. Professors(Fix Pay)	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	Ph.D. Students guided
Dr.R.Y. Chawda	M.A., M.Phil., Ph.D	Assi. Prof.	Hindi Katha Sahitya	12 years	--
Dr.V.T. Shinde	M.A., Ph.D	Assi. Prof.	Hindi & Marathi Literature	09 years	--
Dr.S.S.. Jadhav	M.A., Ph.D	Assi. Prof.	Comparative Literature & Feminism	09 years	04
Dr. S.P. Pandit	M.A., Ph.D	Assi. Prof. CHB	Hindi Katha Sahitya	05 years	--
Dr. P.U Ghodke	M.A., Ph.D	Assi. Prof CHB.	Hindi Katha Sahitya	04 years	--

11. List of senior visiting faculty: **Nil**



12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty :

2010-11	2011-12	2012-13	2013-14
95 %	96 %	93%	95%

13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14	2014-15
222:1	218:1	189:1	208:1	250:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
05	05	01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. : **Nil**

18. Research Centre /facility recognized by the University : **Yes**

19. Publications:

- a) Publication per faculty: 27

Year	Publication Total
2010-2014	80

- * Number of papers published in peer reviewed journals (national /international) by faculty and students: **58**

- b) Articles/Chapters **published in Books** by the Department Faculty member.: **17**

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

- * Monographs **Nil**

- * Chapter in Books **Nil**

- * Books Edited **01**

- * Books with ISBN/ISSN numbers with details of publishers **02**

No.	Writer	Book	ISBN/ISSN	publisher
1.	Editor – Dr. R. Chawda Dr. Vijay Shinde Dr. S. Jadhav	Ekisvi Sadi ka Hindi Sahitya : Sthiti Yavm Sabhavnaye	ISBN-978-93- 81005-31-7, 2012	Raj Publishing House, Jaypur.
2.	Dr. R. Chawda	Mahila Upanyaskaro me Nari ka Badalata Sarup	ISBN-978-93- 81005-74-3, 2013	Raj Publishing House, Jaypur.

- * Citation Index **Nil**

- * SNIP **Nil**



- * Impact factor **Nil**
- * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
- a) National committees **03**
- b) International Committees **Nil**
- c) Editorial Board **02**
22. Student projects
- c) Percentage of students who have done in-house projects including inter departmental/programme : **Nil**
- d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students: **10**
1. Ideal Teacher Award - Joynts Group, Aurangabad, 2012 – Dr Vijay Shinde
 2. Gunijn Ratna - India Social Development Academy Bombay, 2012 - Dr. Ranjna Chawda
 3. Dr. Surajmal Rajmal Surana Paritoshak– 2011 Joyti Kedare
 4. Chandrbhanu Sonune Hindi Acadami Paritoshak – 2011 Joyti Kedare
 5. Dr. M. R. Beg Paritoshak– 2011 Joyti Kedare
 6. Radhamai Rajurkar Suvrnpadak – 2011 Joyti Kedare
 7. Dr. Surajmal Rajmal Surana Paritoshak– 2012 Ashwini Chavan
 8. Chandrbhanu Sonune Hindi Acadami Paritoshak – 2012 Ashwini Chavan
 9. Dr. M. R. Beg Paritoshak– 2012 Ashwini Chavan
 10. Radhamai Rajurkar Suvrnpadak – 2012 Ashwini Chavan
24. List of eminent academicians and scientists / visitors to the department:
1. Dr. Garima Shrivastav – Hyderabad.
 2. Dr. madav Sontakke – Aurangabad.
 3. Dr. Hanumant Patil - Aurangabad
 4. Dr. Sudhakar Shendge - Aurangabad
 5. Dr. Girish Kashid – Barshi.
 6. Dr. Sadanand Bhosle – Puna.
25. Seminars/ Conferences/Workshops organized & the source of funding : a) National : 01 b) International : - Nil
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
UG 2014-15	1190	1190	738	452	-
UG 2013-14	970	970	608	362	93.04 %
UG 2012-13	895	2895	581	314	85.66 %
UG 2011-12	1020	1020	669	351	96.13 %
UG 2010-11	1038	1038	649	389	92.27 %



Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
PG 2014-15	61	61	20	41	-
PG 2013-14	72	72	22	50	97.53 %
PG 2012-13	54	54	23	31	97 %
PG 2011-12	73	73	28	45	92.94 %
PG 2010-11	73	73	31	41	93.54 %

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A	98 %	02 %	--
B.Com	97 %	03 %	--
B.Sc.	98 %	01 %	--
M.A.	99 %	01 %	--

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many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **03**

29. Student progression

Student progression	Against % enrolled
UG to PG	80%
PG to M.Phil.	03 %
PG to Ph.D.	03 %
Ph.D. to Post-Doctoral	---
Employed	
Campus selection	02 %
Other than campus recruitment	20 %
Entrepreneurship/Self-employment	10 %

30. Details of Infrastructural facilities

a) Departmental Library – **97 Books**b) Central Library – **4195 Books**c) Internet facilities for Staff & Students- **YES**d) Class rooms with ICT facility- **04**e) Laboratories **Nil**31. Number of students receiving financial assistance from college, university, government or other agencies: **60%**32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: **18**

1. Literary association activities.
2. Hindi Divas celebration
3. Film Festival



4. Guest Lectures
 5. Bhagtsingh Vichardhara Certificate Exam.
 6. Sahitya Surabhi Wallpaper
 7. Essay writing competition.
 8. Poetry recitation competition.
 9. Hindi Writing competition.
 10. Drawing competition.
33. Other Co-curricular Activities:
- a) Faculty delivering guest lectures in Seminar & Conference - 02
 - b) Faculty delivering guest lectures in Schools - 05
 - c) Faculty giving talks on All India Radio - 02
 - d) Faculty invited as resource person on Hindi Divas Celebration - 03
 - e) Contribution of the department in Hindi Bhasha Prachar & Prasar.
 - f) Department organizes literary film festival - 03
34. Teaching methods adopted to improve student learning- Lecturer, Seminar, PPT, Modal Answer, ICT, Internet, Test Method, Tutorial, Wallpaper.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities :Yes
- a) Editorial Board in Aashay
 - b) Balsudhar Grah & Vrudhashram Social Work
36. SWOC analysis of the department and Future plans

Strength

- Result more than 95%
- Ever increasing students' strength.
- Availability of various students oriented programs.
- Faculty is engaged in research activities.
- All faculty with Ph.D.
- Use of ICT for effective teaching- learning process.
- Unversity recognized research center with availability of two research guides.
- Availbility of departmental library with
- Publication of creative writing by faculty.

Weakness

- Poor economical background of students.
- Less awareness about national language.

Opportunities

- To establish student research ambience.
- Enabling faculty and students for creative translation work.
- To train students for seeking opportunities as a teacher in schools and highschoools.
- Career opportunities as Official Languages Officer, Hindi journalism, print media, jobwork in Hind language,



- To organize guest lecture series for preparation of competitive examination.
- Making literary criticism and Writing Review

Challenges

- To increase attendance of students.
- To build up more infrastructure.
- Maintain the standard form of the language.
- To take up basic research in linguistics of the language.
- To generate interest in literature and culture among students.
- To bring about awareness of the language among the people of the area.

Future Plan

- National & International Seminar are to be organized.
- To establish language & literature video laboratory.
- To take up Major Research Projects in critical studies.

**DEPARTMENT OF MARATHI**

1. Name of the department : **MARATHI**
2. Year of Establishment : **1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG, PG**
4. Names of Interdisciplinary courses and the departments/units involved –
MOU with Department Mass communication and Journalism, Dr.B.A.M.U.Aurangbad.(Inprocess)
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. :
Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	00	00
Asst. Professors	03	02
Asst. Professors	04	04

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	M.Phil Guidance
Dr. S.D.Wawge	MA, M.Ed. NET Ph.D.	Asst. Prof.	Strivadi Sahitya	10	--
Dr.S.M.Khokhle	MA, M.Phil Ph.D	Asst. Prof.	Strivadi Sahitya	4	08
Dr.S.S. Jadhav (C.H.B)	M.A. B.ed Ph.D,	Asst. Prof.	Kadmbhari	1	--
Pro. V.S. Mali (Fix-Pay)	M.A. M.Phil.NET	Asst. Prof.	Natya Vangmay	1	--
Dr.M.A. Gaikwad (Fix -Pay)	M.A.,MMCJ. Ph.D	Asst. Prof.	Folklour & Dalit Litrature	8	--
Dr.G.R.Rathod (Fix-Pay)	M.A.,B.Ed., Ph.D.	Asst. Prof.	Bhashavid nyan	2	--

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled (programme wise)by temporary faculty : **95%**



13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14
123:1	117:1	164:1	248:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:
- As per College Rule**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
06	08	02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:
- Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received.
- Yes.**

Sr. No	Name of the teachers	Title of the project	Funding Agency	Grants Received
01	Dr. D. T. Madan	Marathwadyatil Sahitya ani Sanshodhan	UGC	Rs.4,87,200 /-
02	Dr. M. S. Kharat	Chatrapati Sambhaji Raje: Sahitya ani Itihaas.	UGC	Rs.6,10,800 /-

18. Research Centre /facility recognized by the University :
- Yes**

19. Publications:

- a) Publication per faculty:

Sr. No.	Level	Total no. of paper published
1.	National level	29
2.	International level	09
3.	Any other	02

- * Number of papers published in peer reviewed journals (national /international) by faculty and students: 24

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Nil**

- * Monographs
- Nil**

- * Chapter in Books
- Nil**

- * Books Edited
- Nil**

- * Books with ISBN/ISSN numbers with details of publishers

- Dr.wawge S.D. Aadhunik Marathi Wangmayacha Etahas ISBN-No 978-93-84593-26-1 Chinmay Prakashan, Auragabad
- Dr.khokale S.M. Aadhunik Marathi Wangmayacha Etahas ISBN-No 978-93-84593-26-1 Chinmay Prakashan, Auragabad
- Dr. Khokale S.M. Jo devdhar yache Kathama lekhan, Goda prakashan, Auragabad 978-9381289-99-0 /2011
- Dr. M. Kharat, Jagi Aisa Bap Vhava: Samiksha Ani Sandarbh, 978-81-89972-67-7



- * Citation Index Nil
- * SNIP Nil
- * Impact factor Nil
- * h-index Nil
20. Areas of consultancy and income generated Nil
21. Faculty as members in
- a) National committees Nil
- b) International Committees Nil
- c) Editorial Boards.... **BOS in Marathi Subject
Dr.B.A.M.U. Aurangabad.**
22. Student projects
- e) Percentage of students who have done in-house projects including inter departmental/programme : **100%**
- f) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **100%**
23. Awards / Recognitions received by faculty and students :
1st Merit and Gold medal, 10 praise Winners in Dr. B. A. M.University, Aurangabd - Mr. Bansoade Yogesh Rama – M.A. Marathi- II Year.
24. List of eminent academicians and scientists / visitors to the department :
- 29 Sept 2010- Dr.Chandrdev Kawde : Famous Thoughter
 - 10 Fed 2011 – Far Prin R.R.Borade : Famous Author
 - 13 Aug 2012 -Dr. Dasu Vaidya : An eminent poet and lyricist
 - 06 Sept 2013 - Mr. Bashar Nawaz : An eminent poet and lyricist
 - 26 aug 2014 - Dr. Suhas Jewalikar : Poet
25. Seminars/ Conferences/Workshops organized & the source of funding National : 01 b)International : - Nil
26. Student profile programme/course wise:

Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
B.A. I (S.L.)	180	180	137	43	98.98%
B.A. I (Opt)	80	80	48	32	100%
B.A.II (S.L.)	124	124	92	32	100%
B.A. II (Opt)	36	36	10	16	100%
B.A. III (Main)	06	06	02	04	100%
B.A. III (Opt)	31	31	13	18	100%
B. Com. I (S.L.)	115	115	91	24	96%
B.Com. II (S.L.)	122	122	94	28	99.08%
B. Sc. I (S.L.)	192	192	139	53	93.90%
B. Sc. II (S.L.)	132	132	87	45	100%
M.A. I	30	30	13	17	100%



Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
M.A.II	32	32	14	18	100%

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.	95%	05%	--
B.Com.	95%	05%	--
B.Sc.	96%	04%	--
M.A.	100%	100%	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

1 Students NET Passed. Mr. Pramod Pawar

29. Student progression

Student progression	Against % enrolled
UG to PG	95%
PG to M.Phil.	20%
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	--
Employed Campus selection Other than campus recruitment	--
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

- Library **Central Library**
- Internet facilities for Staff & Students- **YES**
- Class rooms with ICT facility- **YES**
- Laboratories **Language Lab**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Scholarship from Government**32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: **Marathi Literary Association/Guest Lectures/ Seminars /Workshops**

33. Other Co-curricular Activities.:

- Debate Competition
- Meet the Author
- Poem Competition
- Story telling Competition
- Correct writing workshop



- Story & poem writing workshop
 - Study tour
34. Teaching methods adopted to improve student learning-
- Lectures, Seminar, Tutorials, ICT.
 - Screening of movies based on the text books prescribed
 - Students seminars to encourage them for research and organized writing
 - Screening of documentaries in English to introduce students with proper English Pronunciation
35. Participation in Institutional Social Responsibility (ISR) and Extension activities :Yes Phule, Shahu, Ambedkar vichar munch
36. SWOC analysis of the department and Future plans

Strength

- Five Teachers with Ph.D degree.
- Department has university recognized Research Centre.
- Faculty of the Department engaged in research activities.
- Meritorious students at University exam level.

Weakness

- Lack of awareness of literature in students and society.
- Ignorance about grammar of subject among students.

Opportunities

- Opportunity for the students in translation script and dialouge writing.
- Taking up projects related to language reservation.
- To commence projects in basic language and literature research.

Challenges

- Decreasing awareness in students regarding mother tounge.
- Creating Enthusiasm among students about research in language.
- To create job oriented syllabus.

Future Plan

- To organize national level conference in the linguistics.
- To organised story writing workshop.
- To submit proposals for UGC for Major Research Project.

**DEPARTMENT OF SANSKRIT**

1. Name of the department : **SANSKRIT**
2. Year of Establishment : **2004**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG**
4. Names of Interdisciplinary courses and the departments/units involved – **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	00	00
Asst. Professors	00	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience
Ms.Karve Pallavi Vijay	M.A. B.Ed. SET.	Assi.Prof	Vyakaran	8 Years
Dr. Konarde Pradnya Vasant	M.A. Ph.D	Assi.Prof	Sahitya	7 Years

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **100%**
13. Student -Teacher Ratio (programme wise) : **95:01**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
01	01	00

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**
18. Research Centre /facility recognized by the University : **Nil**
19. Publications:
 - a) Publication per faculty: **01**



- * Number of papers published in peer reviewed journals (national /international) by faculty and students: **Nil**
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
 - * Monographs **Nil**
 - * Chapter in Books **Nil**
 - * Books Edited **Nil**
 - * Books with ISBN/ISSN numbers with details of publishers **Nil**
 - * Citation Index **Nil**
 - * SNIP **Nil**
 - * Impact factor **Nil**
 - * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
- a) National committees **Nil**
 - b) International Committees **Nil**
 - c) Editorial Boards.... **Konarde P. V. – Member in the Editorial Board of Information and Research Trends Journal, ISSN - 2320-2327**
22. Student projects
- g) Percentage of students who have done in-house projects including inter departmental/programme : **60%**
 - h) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students : **Nil**
24. List of eminent academicians and scientists / visitors to the department :
1. Dr. Jirvankar Aparna. (Ayurvedic Vaidya)
 2. Dr. Vyawahare Kranti (HOD Dr.BAMU)
 3. Dr. Nilangekar Ajay (Little Flower School)
 4. Shri. Madanurkar Shastri (Nanded)
 5. Dr. Moharir L.K. (I.A.S.E. Govt. College of Education)
25. Seminars/ Conferences/Workshops organized & the source of funding a) National : Nil b)International : - Nil
26. Student profile programme/course wise:

Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
B.A. I (OPT)	03	03	-	03	-
B.A. I (SL)	06	06	02	04	-
B.A. II (SL)	15	15	05	10	100%
B.Sc. I (SL)	64	64	16	48	-



Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
B.Sc. II (SL)	28	28	09	19	100%
B.Com. I (SL)	51	51	20	31	-
B.Com. II (SL)	26	26	05	21	95%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.	100%	--	--
B.Com.	100%	--	--
B.Sc.	100%	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**

29. Student progression

Student progression	Against % enrolled
UG to PG	20 %
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed	--
Campus selection	--
Other than campus recruitment	--
Entrepreneurship/Self-employment	--

30. Details of Infrastructural

facilities a) Library

Central Library

b) Internet facilities for Staff & Students- **Yes**

c) Class rooms with ICT facility- **Yes**

d) Laboratories **Nil**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Nil**

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: **Nil**

33. Other Co-curricular Activities.:

1. Geetamrutvaani-vasantotsav -musical fusion of Samskrit songs.

2. Digital Projects on Ayurveda & Samskrit Sahitya.

3. Examination Centre for Sarala Samskrit Exams conducted by Samskrit Bharati, New Delhi.

4. Kautiliya Arthshastra Pradarshini.



5. Krantiveerebhyah Adaranjali – posters

34. Teaching methods adopted to improve student learning-
 1. ICT & Multimedia
 2. Charts
 3. Models
35. Participation in Institutional Social Responsibility (ISR) and Extension activities : Yes Phule, Shahu, Ambedkar vichar munch
36. SWOC analysis of the department and Future plans

Strength

- Good strength of students
- Good result of students
- Qualified staff (One teacher with SET & One Ph.D)
- Full strength of faculties with immense urge to contribute to the
- Sanskrit studies and spoken Sanskrit.

Weakness

- Low students attendance
- We don't have any proper language lab.
- Lack of collaboration or joint inter-disciplinary research projects running in the department

Opportunities

- To create awareness among society about richness of the language.
- To train and encourage students to speak in Sanskrit.
- To offer short term courses in the subject.

Challenges

- To bring about changes at to make students make use of the language.
- To spread awareness among researchers and students regarding the richness of aethetics and grammar literature in the subject.
- To explore linguistic features of the Sanskrit language.

Future Plan

- To set up a language lab for helping the students to improve their Spoken Sanskrit.
- We have a future plan to introduce diploma courses.
- We shall try to find collaboration with other institutes for further researches in new areas (i.e. Computational linguistic, Post-Paninian grammar etc.)

**DEPARTMENT OF POLITICAL SCIENCE**

- Name of the department : **POLITICAL SCIENCE**
- Year of Establishment : **UG:1965 PG:1998**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG & PG**
- Names of Interdisciplinary courses and the departments/units involved – **Nil**
- Annual/ semester/choice based credit system (programme wise) : **Semester System**
- Participation of the department in the courses offered by other departments. : **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Asst. Professors	01	01

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Dr.A.B. Naikwade	M.A., Ph.D.	Associate Professor & Head (UG & PG)	International Relation Government and Politics of India & Maharashtra	31 Years
Dr.V.M. Mahure	M.A., Ph.D.	Assistant Professor	Political Theory	20 Years

- List of senior visiting faculty: Dr.Sudhir Gavhane, Shri. Baba Bhand, Dr.Vijay Pathrikar, Dr.K.Y.Daud, Dr. N.B.Aghav, Dr.B.S.Waghmare.
- Percentage of lectures delivered and practical classes handled (programme wise)by temporary faculty : **U.G. Nil P.G. 100%**
- Student -Teacher Ratio (programme wise) : **UG- 184 : 01 PG- 46 : 01**
- Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**
- Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
02	--	--

- Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**Nil**
- Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**



18. Research Centre /facility recognized by the University : **Nil**
19. Publications:
- a) Publication per faculty: **Dr. Ashok Bhaurao Naikwade (13 Books)**
- * Number of papers published in peer reviewed journals (national /international) by faculty and students: **Dr. Ashok Bhaurao Naikwade (08 Articles), Dr. V.M.Mahure –(07 Articles)**
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
- * Monographs **Nil**
- * Chapter in Books **Nil**
- * Books Edited **13**
- * Books with ISBN/ISSN numbers with details of publishers
1. Suvarnmahotsvi Maharashtra 2010
 2. Sinchan Sadhana 2010
 3. Adharwad – Karmveer Bhaurao Patil (Ed. III) 2012
(ISBN- 81-7876-007-X)
 4. Yugpravaratak Mahatma Phule 2012
(ISBN- 978-81-7876-120-6)
 5. Bharatratn Dr. Babasaheb Ambedkar 2012
(ISBN – 978-81-7876-109-1)
 6. Maharshtrache Bhagyvidhate Yashwantrao Chavan 2012
(ISBN- 978-81-7876-108-4)
 7. Yashwant Vichardhan 2012
(ISBN – 978-81-7876-110-7)
 8. Rajshee Chhatrapti Shahu Maharaj 2012
(ISBN – 978-81-7876-119-0)
 9. Bhartiy Tatvchintak : Swami Vivekanand 2013
(ISBN – 978-81-7876-134-3)
 10. Nishthawant Netrutva- Dr. Nilengekar 2014
(ISBN – 978-93-80876-50-4)
 11. Jagtik Rajkaranatil Bhartachi Bhumika 2014
(ISBN – 93-84451-29-5)
 12. Vicharprav –Articles 2014
(ISBN – 978-93-84451-25-7)
 13. Maharashtra Shasan Ani Rajkaran
(ISBN – 978-93-81161-78-4)
- * Citation Index **Nil**
- * SNIP **Nil**
- * Impact factor **Nil**
- * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in



- a) National committees **Nil**
 b) International Committees **Nil**
 c) Editorial Boards.... Vicharmanthan, Magazine, Maharashtra Political Science & Public Administration Association, Dhule
22. Student projects
 i) Percentage of students who have done in-house projects including inter departmental/programme : **Nil**
 j) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students :
 1.Elected as President of 32nd Maharashtra Political Science & Public Administration Parishad, Bandha Tq. Sawantwadi Dist. Sindhudurg. Jan- 2014
24. List of eminent academicians and scientists / visitors to the department :
 Dr.Sudhir Gavhane, Shri. Baba Bhand, Dr.Vijay Pathrikar, Dr.K.Y.Daud, Dr. N.B.Aghav, Dr.B.S.Waghmare
25. Seminars/ Conferences/Workshops organized & the source of funding
 a) National : Nil
 b)International : - Nil
 c) State:-**03**
26. Student profile programme/course wise:

Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
U.G	371	369	274	95	99%
P.G.	98	93	70	23	97%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100%	--	--
PG	100%	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**
29. Student progression

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	05%
PG to Ph.D.	02%
Ph.D. to Post-Doctoral	Nil
Employed	2%



Campus selection Other than campus recruitment	
Entrepreneurship/Self-employment	5%

30. Details of Infrastructural facilities
- a) Library **Central Library 5000 Books**
- b) Internet facilities for Staff & Students- **Yes**
- c) Class rooms with ICT facility- **Yes**
- d) Laboratories **Nil**
31. Number of students receiving financial assistance from college, university, government or other agencies: **As per Govt. rules.**
32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: **Remedial Coaching, Personal Counseling, Visiting Lectures:**
- Yearly organization of Workshop on Functioning of Parliament.
 - Organization of study tours and support for students to participate in activities like various national and state level programmes related to the subject.
 - Remedial coaching for students and personal counselling is offered regularly.
33. Other Co-curricular Activities.:
- NSS, NCC, Activities in Gandhi Study Centre, Phule- Shahu –Ambedkar Lecture Series, Study tours and visits, Interaction with senior teacher,
34. Teaching methods adopted to improve student learning- **Conventional Class Room with ICT, PPT.**
35. Participation in Institutional Social Responsibility (ISR) and Extension activities : Participated Election Duties & Lokjagruti Abhiyan in Loksabha 2014 Students & Teachers , Blood Donation Campus, NSS Activity, Environmentalism, Lectures and Discussion in ‘AIR’ Auranabad
36. SWOC analysis of the department and Future plans
- Strength**
- Qualified & experienced staff
 - Rich library facility with internet facility
 - Opportunity for competitive examination at separate career Apex centre
 - Personal problem solving and skill development of students
 - Departmental library for Students
 - Primary health centre in college for students and teachers.
- Weakness**
- Less attendance of the student in class rooms.
 - Limited employment & self employment opportunities.



Opportunities

- Good scope for students to of this subject for UPSC, MPSC & other competitive e4xamination.
- Better understanding of general global political environment.
- Opportunities for developing good leadership quality among students
- Making students good & responsible citizens.
- Better scope to go for multidisciplinary academic branches e.g. Law/Journalism/ Research/ MSW (Social Work) etc.

Challenges

- High Competition
- Lack of students' initiatives.

**DEPARTMENT OF HISTORY**

1. Name of the department : **HISTORY**
2. Year of Establishment : **1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG, PG**
4. Names of Interdisciplinary courses and the departments/units involved - **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Yes**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	00	00
Asst. Professors	01	01
Asst. Professors(CHB)	04	04

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Pro. R.C.Salve	M.A. M.Phil NET	Asst. Prof	Maharashtra History	07
R.S.Jewe (C.H.B)	M.A. Set	Asst. Prof	Modern Indian History	04
S.T.Suryawanshi (C.H.B)	M.A. M.Phil. SET	Asst. Prof	Mediaeval Indian History	05
Dr. M.V.Rote (Fix Pay-PG)	M.A.Ph.d. B.ed	Asst. Prof	Modern Indian History	04
Dr. B.B. Tekale (Fix Pay-PG)	M.A. M.Phil. Ph.d	Asst. Prof	Modern Indian History	05

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty :

2010-11	2011-12	2012-13	2013-14
88%	88%	83%	88%

13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14
72:1	74:1	84:1	105:1



14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
03	05	06

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **NIL**
18. Research Centre /facility recognized by the University : **Nil**
19. Publications:
a) Publication per faculty:

Teaching Faculty	Year	Publication
DR. S.S. Jadhav	2012-13	Book Published- M. Gandhi yanche Bhartiya Rajkarnatil Pahile paul

- * Number of papers published in peer reviewed journals (national /international) by faculty and students:
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
Nil
 - * Monographs **Nil**
 - * Chapter in Books **Nil**
 - * Books Edited **02**
 - * Books with ISBN/ISSN numbers with details of publishers : **Nil**
 - * Citation Index **Nil**
 - * SNIP **Nil**
 - * Impact factor **Nil**
 - * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
a) National committees : **Nil**
b) International Committees **Nil**
c) Editorial Boards. **Nil**
22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme : **100%**
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **100%**
23. Awards / Recognitions received by faculty and students: **Nil**



24. List of eminent academicians and scientists / visitors to the department :

Year	Eminent Academicians
2010-11	<ol style="list-style-type: none">1. Pro. Bhausahab Shinde-Ex. Head, Dept. of History, Dr. B.A.M.University. Aurangabad.2. Pro. Paras Bora-Ex. Vice chancellor, Dr. B.A.M.U. Aurangabad.3. Mrs. Medha patkar-Narmada Andolan Leader, Gujrat.
Year 2011-12	<ol style="list-style-type: none">1. Pro. Arun Wahul-Head, Dept. of. History, Vivekanad College, A,bad.2. Mr. Gangaprasadji Agrawal-Senior Sarvidayi, Hingoli.
Year 2012-13	<ol style="list-style-type: none">1. Mrs. Sumitra Gandhi-Kulkarni (M.Gandhi's Dauther law)2. Mr. Kumar Ketkar-Chief Editor, Divya Marathi3. Mr. Ramesh Dane-Chief Editor, Samyayog Sadhana, Dhule4. Dr. Ankush Sawant- Director African Study Center, Mumbai University.5. Mr. Jaywant Mathkar- Ex. President, Maharashtra Pradesh Sarvoday Mandal, Maharashtra.6. Dr. Sujan Baranth- Ex. President, Sarva seva Sangha, Sevagram.7. Principal. Dr. Vishwas patil-Arts, Commerce, Science College, Shahada, Dist. Dhule.8. Principal. Dr. Sunilkumar Lawte-Mahavir College, Kolhapur.9. Pro. Shekhar Sonalkar-M.J. College, Jalgaon.10. Shri. Ramesh Oza- reporter Mubai.11. Dr. Ashok Chousalkar-Head, Pol.Sci dept. Kolhapur University.12. Mr. Ashutosh Deshpande-Gandhian Educational Thinkar,Buldhana.13. Dr. Yashwant Sumant-head, dept. of.Pol.Sci, Pune University.
Year 2013-14	<ol style="list-style-type: none">1. Dr. Shriram Nikam- Ex Head, Dept. of.Pol.sci, Dr.B.A.M.U. Aurangabad.2. Mrs.Shobha Shiradhonkar-Gandhi Scholar, Aurangabad.3. Dr. Jaydeo Dole- Journalism dept. Dr.



	B.A.M.U. A,bad.
4.	Dr. Chandrajyoti Bhandari-Head Marathi dept. Govt. College, Aurangabad.
5.	Dr. Khrishikesh Kamble-Head, Dept. of. Marathi, Saraswati Bhuvan College, Aurangabad.

25. Seminars/ Conferences/Workshops organized & the source of funding National : 01 b)International : - Nil

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A.I	225	225	169	56	97.89%
BA.II	133	133	96	37	92.68%
B.A.III	87	87	53	34	98.78%
M.A.I	44	44	22	22	90.00%
M.A.II	38	38	27	11	90.00%

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.I	95%	05%	Nil
B.A.II	98%	02%	Nil
B.A.III	98%	02%	Nil
M.A.I	100%	100%	Nil
M.A.II	100%	100%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **NET:03**
Civil Service:01

29. Student progression

Student progression	Against % enrolled
UG to PG	90.00%
PG to M.Phil.	10%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	Nil
Employed Campus selection Other than campus recruitment	Nil
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities

a) Library **Central Library**



- b) Internet facilities for Staff & Students- **YES**
 - c) Class rooms with ICT facility- **04**
 - d) **History Museum: 325 artifacts**
31. Number of students receiving financial assistance from college, university, government or other agencies: **60%**
 32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: 100%
 33. Other Co-curricular Activities.: Department runs Diploma & Certificate Course in Gandhian Thought and Life.
 34. Teaching methods adopted to improve student learning- PPT, Audio-video, Notes, Reference Books
 35. Participation in Institutional Social Responsibility (ISR) and Extension activities :**Yes**
 36. SWOC analysis of the department and Future plans

Strength

- Department runs UGC sponsored Gandhi Study Centre
- Department has a History Museum with total no. of 325 artifacts.
- High rate of passing percentage.
- Gold medalists from P.G & U.G

Weakness

- Single faculty department.
- Limited financial assistant for museum.
- Limited space for museum.

Opportunities

- Offering fulfilled course on Local Tourism.
- To spread Gandhian thought among school children.
- Scope in civil services and competitive exams.
- To take up extensive research in local history.

Challenges

- To encourage the rural students for competitive exams.
- To create awareness about the importance of local history and historical places.
- To build a fulfilled history museum with separate building.

**DEPARTMENT OF SOCIOLOGY**

- Name of the department : **SOCIOLOGY**
- Year of Establishment : **1960**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **B.A., M.A. and Ph.D.**
- Names of Interdisciplinary courses and the departments/units involved – **Diploma in Applied Sociology in collaboration with Dept. of Geology.**
- Annual/ semester/choice based credit system (programme wise): **Semester**
- Participation of the department in the courses offered by other departments:
By and large the curriculum set by the University gives limited scope for participation in the courses offered by other departments notwithstanding, realizing the importance of interdisciplinary approach in learning the department makes efforts to transcend this limitation and attempts to participate in the academic activities of other department which bring in reciprocal benefits. Dr. Khairnar is Member of Syllabus formation Committee of Model College, Ghansawangi & Member of Faculty of Social Sciences, Dr.BAM Univ. Aurangabad.
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	01	01
Associate Professors	00	00
Asst. Professors	01	01
Asst. Professors (Fix Pay)	02	03

- Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	Experience	Ph.D. St. Guided
Dr.Dilip Khairnar	M.A.,M.Phil 1 Ph.D.	Professor	Research Methodology	23 Years	07 Ph.D. 5 M.Phil
Shri. Parshuram Bachewad	M.A; NET	Assistant Professor	Rural Sociology	07 Years	---
Smt.S.A. Mhaske	M.A;M.Phil ;NET	Fix Pay Lecturer PG	Social Movement	06 Years	---
Miss.M.B.Patil	M.A; M.Phil	Fix Pay Lecturer PG	Women's Study	04 Years	---
Smt. S.M.Shinde	M.A.	Fix Pay Lecturer PG	Sociology of Media	01 Year	---



11. List of senior visiting faculty:

1. Dr. Sudha Kaldate, Rtd. Prof. & Head, Dr. B.A.M. University, Aurangabad.
2. Dr. Uttam Bhoite, Ex-Vice Chancellor, Y.C.M.O. University, Nashik
3. Dr. B.L. Joshi, Rtd. Prof. & Head, Dr. B.A.M. University, Aurangabad
4. Dr. Dadasaheb Mote, the Chairman, BoS, Sociology, Dr. B.A.M. University.
5. Dr. Panditrao Shinde, the Chairman, BoS, Sociology, Dr. S.R.T.M. University, Nanded.
6. Dr. Padmakar Sahare, Asso. Prof. Dept. of Sociology, Dr. B.A.M. University
7. Prof. Sadiq Bagwan. Asso. Prof. Dept. of Sociology, Dr. B.A.M. University
8. Dr. Diptiranjan Sahu, Professor, Dept. of Sociology, Lacknow Univ. Lacknow.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **UG: Nil PG: 100%**

13. Student -Teacher Ratio (programme wise):

Class	2010-2011	2011-2012	2012-2013	2013-2014
UG	168:01	167:01	183:01	181:01
PG	40:01	42:01	42:01	34:01

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Name	Qualification
Dr. Dilip Khairnar	M.A., M.Phil, Ph.D.
Shri. Parshuram Bachewad	M.A; Net
Smt. S.A. Mhaske	M.A; M.Phil; Net
Miss. M.B. Patil	M.A; M.hil
Smt. S.M. Shinde	M.A.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Minor Project submitted to UGC (2013-14)

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**

18. Research Centre /facility recognized by the University: **Yes**
Recognized by Dr. B A M U Aurangabad (since 1985)

19. Publications:

a) Publication per faculty:

- * Number of papers published in peer reviewed journals (national /international) by faculty and students:



Sr. No.	Name of Faculty	Year of Published Paper				
		2009-10	2010-11	2011-12	2012-13	2013-14
01	Dr.Dilip Khairnar	01	05	02	01	04
02	Miss Manali Patil	--	--	01	--	--

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- * Monographs **Nil**
- * Chapter in Books **11**
- * Books Edited **01**
- * Books with ISBN/ISSN numbers with details of publishers **02**
- * Citation Index **Nil**
- * SNIP **Nil**
- * Impact factor **Nil**
- * h-index **Nil**

20. Areas of consultancy and income generated

The faculty offer consultancy to several Governmental and non Governmental agencies. Some of them include MPSC and numerous numbers of NGOs. However, in nearly all cases the consultation was offered free of charge as most of these agencies are non Governmental which are struggling for funds though genuinely trying to carry out lot of good works for the benefit of the society, particularly the underprivileged.

21. Faculty as members in

a) National committees

- 1) Dr. Dilip Khairnar, as a President of Marathi Samajshastra Parishad (2009 to 2012)
- 2) Dr. Dilip Khairnar, as a Member of Indian Sociological Society, New Delhi
- 3) Dr. Dilip Khairnar as a Member of Marathi Samajshastra Parishad
- 4) Shri Parshuram Bachewad as a Member of Marathi Samajshastra Parishad
- 5) Miss. Manali Patil as a Member of Marathi Samajshastra Parishad

b) International Committees :

- 1) Dr. Dilip Khairnar, as a Member of International Sociological Association, ISA

c) Editorial Boards :

- 1) Dr. Dilip Khairnar: as an Editor of Samajshastra Sanshodhan Patrika, ISSN 2230-7745
- 2) Dr. Dilip Khairnar: as an Member of Editorial Board, National Journal of Extensive education and interdisciplinary Research, ISSN 2320-1460
- 3) Dr. Dilip Khairnar: as a Member of Editorial Board, American Journal of Rural Development ISSN-2333-4762(Print) 2333-4770 (Online)



22. Student projects
- c) Percentage of students who have done in-house projects including inter departmental/programme : **10**
 - d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students:
- a) Faculty : Dr. Dilip Khairnar :**
- 1) Elected as the President of Marathi Samajshastra Parishad.
 - 2) Member of the Board of Study in Sociology,Dr.B A M Univ. A'bad.
 - 3) Member of the Board of Study in Sociology,S G B A Univ. Amravati.
 - 4) Member of the Faculty of Social Sciences, Dr. BAM Univ. A'bad.
 - 5) Member of the Senate, Dr. B A M Univ. Dr. BAM Univ. A'bad.
 - 6) Member of the Board of Exam, Dr. BAM Univ. Dr. BAM Univ. A'bad.
 - 7) Member of the Board of College University Development, Dr. BAM Univ. Dr. BAM Univ. A'bad.
 - 8) Member of the Research Recognition Committee, S G B A Univ. Amravati.
 - 9) Visiting Professor of Academic Staff College, Dr. BAM Univ. A'bad & SGBA Univ. Amravati.
 - 10) Examiner & Reviewer of Maharashtra Public Service Commission, (Maharashtra Government)
 - 11) Editor of Samajshastra Sanshodhan Patrika ,ISSN 2230-7745
 - 12) Member of Editorial Board, National Journal of Extensive education and interdisciplinary Research, ISSN 2320-1460
 - 13) Member of Editorial Board, American Journal of Rural Development ISSN- 2333-4762(Print) 2333-4770(Online)
- Shri P.T.Bachewad:**
- 1) Execative Member of Staff Credit Society, Deogiri College,A'bad.
 - 2) Associate NCC Officer, Deogiri College, A'bad.
 - 3) Examiner & Paper Setter of UG & PG Level Exam, Dr. BAM Univ. A'bad.
- Smt. Sanjivani Mhaske:**
- 1) Examiner of PG Level Exam, Dr. BAM Univ. A'bad.
- Smt. Manali Patil:**
- 1) Examiner of PG Level Exam, Dr. BAM Univ. A'bad.
- Smt. Suvarnalata Shinde:**
- 1) Member of various women empowerment Association & NGO
- b) Studentts: Kum. Vaishali Lipane:**
(M.A. Sociology Exam 2010 Dr. BAM Univ. A'bad Merit I'st)
- 1) Dr. M.G. Kulkarni Award
 - 2) Mathurabai Pingle Award
 - 3) Prof. Dr. Sudhatai Kaldate Award
 - 4) Indumati Bagwase Award

**Shri. Singhal Jaysing Popatsing :**

(M.A. Sociology Exam 2012 Dr. BAM Univ. A'bad Merit I'st)

1) Prof.Dr. Sudhatai Kaldate Award.

Kum. Kulkarni Manjita Shrikant :

(M.A. Sociology Exam 2010 Dr. BAM Univ. A'bad Merit IV'th)

24. List of eminent academicians and scientists / visitors to the department:

1. Dr. Uttam Bhoite, Ex.Vice Chancellor of YCMOU Nashik & Bharti Vidyapith Pune.
2. Dr. Diptiranjana Sahu, Professor, Dept. of Sociology, Lucknow Univ. Lucknow.

25. Seminars/ Conferences/Workshops organized & the source of funding a)

National : **02** b) International : - **Nil** c) State: **02**

Sr. No.	Seminar/Conf./ Workshop	Title of Sem./Conf./Works.	Date	Sources of Funding
01	19th State Level Conference of Marathi Samajshastra Parishad	Globalization: A new reference of Sociological Study	2 & 3 Feb.2009	Dr. BAM Univ. & Deogiri College
02	Workshop on Syllabus formation	One Day Workshop on revised syllabus of Sociology	3 Nov. 2009	Dr. BAM Univ. Aurangabad
03	Workshop for Sociology teachers	Professional development programmes are extremely vital for updating professional skill	21st August 2011	MSP Mandal's & Deogiri College, A'bad
04	One Day National Seminar	Research and Research Methodology in Languages & Social Sciences	23rd December 2012	UGC New Delhi
05	National Seminar	National Seminar on Changing Nature of Human Relationships in 21st Century	2 & 3rd Feb. 2015	Proposal submitted to UGC for financial Assistance

26. Student profile programme/course wise:

Name of the Course	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
B.A.I	188	188	108	80	53%
B.A.II	84	84	49	35	88%
B.A.III	90	90	34	56	91%



Name of the Course	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
M.A.I	63	63	34	29	85%
M.A.II	40	40	15	25	100%
Ph.D.	07	03	03	00	--

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	99%	01%	--
PG	100%	--	--
Ph.D.	75%	25%	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET: 02 SLET: 03 MPSC: 01

29. Student progression

Student progression	Against % enrolled
UG to PG	90%
PG to M.Phil.	10%
PG to Ph.D.	1%
Ph.D. to Post-Doctoral	Nil
Employed	
Campus selection	
Other than campus recruitment	00 10%
Entrepreneurship/Self-employment	50%

30. Details of Infrastructural facilities

a) Library: Departmental library facility with 250 books excluding, M.A, M.Phil & Ph.D dissertations.

b) Internet facilities for Staff & Students- **Yes**

c) Class rooms with ICT facility- **Yes**

Classrooms are equipped with ICTsetting such as computers LCDs portable public addressing system.

d) Laboratories : **Not Applicable**

31. Number of students receiving financial assistance from college, university, government or other agencies:

College (financial assistance through Management): **02**

University: No

GOI (financial assistance from Govt): **258**



32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: **Yes**
A)Special Lectures:
1) Arranged special lecture of Sociological Theory & Research Methodology for P.G. Students
2) Arranged the special lectures for students of Certificate Course in Applied Sociology.
33. Other Co-curricular Activities:
➤ Cooperative learning including discussion of topics in small groups followed by common presentations and discussions.
➤ Slide shows, video clippings, CD ROMs, news papers cutting display.
➤ A synopsis is prepared for each module and the content of the module is Taught in an interactive manner.
➤ Students are guided to link current social realities to the course content
➤ Assignments and seminars are given in relation to the subjects taught.
➤ Field work experiences are shared in the class and students motivated to link theory and practice.
34. Teaching methods adopted to improve student learning:
Faculty adopts the various methods like Class Seminar, Group Discussion, Project work, teaching through ICT, various Aids and charts also are used in the teaching-learning process. In addition to this, department arranges the study tours.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities:
➤ Dr. Dilip Khairnar delivered lectures in various programmes like NSS Camp, adult education, personality development etc.
➤ Dr. Dilip Khairnar delivered the lectures in Academic Staff College, Dr.BAM Univ, Aurangabad, Academic Staff College, Sant Gadge Maharaj Amravati Univ. Amravati
➤ Shri Bachewad Parushuram as a NCC Officer, College Unit., He participated the Blood Donation camp, Pulse Polio camp, Tree plantation etc.
➤ Smt. Suvarnalata Shinde delivered the lecture and participated in varies programme like women empowerment
36. SWOC analysis of the department and Future plans
Strength:
➤ The department commenced the first PG course in the region under the affiliated university.
➤ Competent and committed faculty
➤ Faculty always being represented in the academic bodies of the parental University and other Universities in the State
➤ Strong contingent of highly placed alumni in various fields at the regional, national and international levels



- High representation of the faculty in revision workshops of the discipline organized by the University in every three years
- A well known university recognized Ph.D research centre with 41 students receiving Ph. D. including foreign students.
- Outstanding result of students.

Weakness:

- Lack of proper motivation among good many students.
- Deficiency in faculty/student publications.
- Lack of dissemination lectures of research findings by the staff and the students
- Less interdisciplinary and multidisciplinary
- Inadequacy of fund to conduct various programmes and activities
- Limited job opportunities for students

Opportunities :

- Highly diverse group of students
- Re-mould the discipline along the international lines of public sociology movement and integrate such trends in our syllabi.
- With the introduction of new syllabus, greater scope for collaborative engagements with community, industry, and organizations of empowerment and good governance.
- Implement the new syllabus and determine the results of employability
- Scale up consultancy services that brings in higher grants

Challenges :

- Majority students hail from low socio-economic background and some first generation learners
- Less demand for Sociology as an employable discipline in the emerging educational and academic climate in the globalized world.
- Seek autonomy in curriculum designing and student evaluation processes.
- Intensify extension and outreach programmes to the frontier areas

Future Plan:

- To prepare department brochure
- Introduce some inter-disciplinary training for sociology students so as to instill a more holistic understanding for them.
- Introduce a research colloquium for the faculty and students, where there will be presentations of the ongoing research works leading to the publication of a working paper series.
- Conduct a minimum of one research project every year by the faculty members
- Publish at least one academic article, including book reviews, yearly by each faculty member
- Conduct minimum five extension lectures on different social topics/issues to a Variety of groups by each faculty



- Organize annual seminar on the research projects of the students and select the best ones for publication
- Conduct/participate in at least one programme by each faculty to upgrade research skills.
- Render consultancies on projects so as to generate more grants
- Prepare consultancy brochure
- Provide training to those groups and agencies such as NGOs, Social
- Activists, Members of Social Movements, Policy Makers, Political and Communal Organizations and so on, who may find sociological, Competencies useful

**DEPARTMENT OF PSYCHOLOGY**

1. Name of the department : **PSYCHOLOGY**
2. Year of Establishment : **UG-1982 PG-2008**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG: B.A. I, II, III, PG: M. A. I, II, Ph.D.**
4. Names of Interdisciplinary courses and the departments/units involved – **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate professor	01	01
Assistant professor	03	03
P.G. teacher (fix pay)	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience	Ph.D. Student Guided
1	Dr.S.C. Jadhav	M.A.B.Ed. Ph.D	Asso. Prof.	Counsellor and trainer	28 yrs	08
2	Dr. A.B. Pawar	M.A. Ph.D	Assis. prof.	Experimental Psychology	15	08
3	Dr. M.K. Tajne	M. A., M.S.W.,B. Ed., B. P. Ed., B. Lib. Sci. B. M. C. J. Ph.D.	Assistant professor	Psycho- pathology	12	08
4	Dr. M.D. Autade	M.A. NET, SET, Ph.D.	Assistant professor	Clinical Psychology	09	00
5	Prof P.N. Wagh	M.A. M. Phil.	P. G. Teacher	--	03	00
6	Dr. S.A. Jadhav	M. A. B. Ed. Ph. D	P. G. Teacher	--	02	00



11. List of senior visiting faculty:

Dr. H. J. Narke, Dr. Narendra Deshmukh, Dr. Dr. Anil Wagh, Dr. Shafiq Yusuf Khan

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **B.A. = Nil, M.A. = 60**

13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14
45:1	37:1	37:1	47:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Technical staff=1(lab. Assistant)**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with M.Phil	Staff with Ph.D	Staff with PG
01	05	00

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**

18. Research Centre /facility recognized by the University : **Established research center in psychology.**

19. Publications:

- a) Publication per faculty:

- * Number of papers published in peer reviewed journals (national /international) by faculty and students:

Dr. S. V. Jadhav	National = 09, International =03
Dr. A.B. Pawar	National = 07, International=03
Dr. M.K. Tajne	National = 04, International =08
Dr. M. D. Autade	National = 01, International =-01
Prof P.N. Wagh	National =02
Dr. S.A. Jadhav	National = 03

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

- * Monographs **Nil**

- * Chapter in Books **Nil**

- * Books Edited **01**

- * Books with ISBN/ISSN numbers with details of publishers: ISBN978-81925804-3-2. Publishers: Bharat Jamdhade

- * Citation Index **Nil**

- * SNIP **Nil**

- * Impact factor **Nil**

- * h-index **Nil**

20. Areas of consultancy and income generated **Nil**



21. Faculty as members in
- National committees = Member of Indian Association for Applied psychology (IAAP)=2, Indian Association of Human Behaviour =01
 - International Committees
 - Editorial Boards.... :Nil
22. Student projects
- Percentage of students who have done in-house projects including inter departmental/programme : **Nil**
 - Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students :
- STUDENTS' ACHIEVEMENT:**
- Ms. Surana Pradnya Kanhaiyalal, M.A. Psychology received III rank in University exam in 2010-11.
 - Khambat Mandakini Bhikanrao, M.A. Psychology received IV rank in University exam in 2010-11.
 - Vakte Archana Prabhakar M.A. Psychology received III rank in University exam in 2011-12.
 - Kharat Kashiganga Shrimantrao, M.A. Psychology received V rank in University exam in 2011-12.
 - Pakhare Mrunalini Prabhakar M.A. Psychology received Gold Medal in University exam in 2012-13.
 - Gosavi Krutika Kishor M.A. Psychology received II rank in University exam in 2012-13.
 - Gudsoorkar Meena Vithalrao, M.A. Psychology received IV rank in University exam in 2012-13.
 - Deshmukh Rushikesh Madhukarrao, M.A. Psychology received IV rank in University exam in 2013-14.
- TEACHERS' ACHIEVEMENT:**
- Dr. S. C. Jadhav received Gurugaurav Award by Rotary Club Aurangabad.
 - Dr. S. C. Jadhav also received Best Counsellor Award, Agra.
24. List of eminent academicians and scientists / visitors to the department:
- Dr. Dinesh Nagar, Barkatullah University Bhopal.
 - Dr. B.D. Dhila, Smt. M.M. Shah Mahila Arts college, Kadi Dist. Mehsana Gujrat.
 - Dr. B.R. Shejwal (H.O.D.) Dept. Of Psychology S. P . University, Pune.
 - Dr. Vibha Sharma, Institute of Human Behaviour and Allied Science, Delhi.
 - Dr. L. R. Yagnik. Sardar Vallabhbhai Patel University Vallabhnagar Anand, Gujrat.
 - Dr. Yogesh A. Jogsan, Junagadh University Rajkot, Gujrat.



25. Seminars/ Conferences/Workshops organized & the source of funding **National Seminar : 01**

26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled (%)		Pass Percentage (%)
			M	F	
B.A. I yr. (II sem.)	141	139	100	39	98 %
B.A. II yr. (IV sem.)	47	47	34	13	97.56%
B.A. III yr. (VI sem.)	38	38	16	22	92%
M.A I yr.	39	39	14	25	--
M.A.II yr	22	22	5	17	--

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
UG	100	--	--
PG	95	05	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

JRF: **01** NET: **01** SET: **01** Civil services: **48**

29. Student progression

Student progression	Against % enrolled
UG to PG	20%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	Nil
Campus selection	48
Other than campus recruitment	
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities

- Library **Yes Available with 102 books.**
- Internet facilities for Staff & Students- **Yes**
- Class rooms with ICT facility- **Yes**
- Laboratories **Yes**

31. Number of students receiving financial assistance from college, university, government or other agencies: **137**

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:

- Workshop on research methodology for PG students.
- Certificate Course in Mental Health and Counselling



33. Other Co-curricular Activities.: Nil
34. Teaching methods adopted to improve student learning- **Seminars, using ICT, discussion method, interactive methods and using demonstration aids.**
35. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Psychological counselling services to society in general and school teachers, school students, college students, TB patients, village women, revenue department staff, the inmates of Old Age Home and industry workers.
 - Organization of Psychological workshops/training sessions for school headmasters, policemen of MIDC, Aurangabad, industries like Indurance, college teachers.
 - Organization of Yoga Shibir for college students and staff.
 - Extensive Psychological Counselling Services to the victims of natural calamity like Malin Landslide, Maharashtra.
 - Personal Counselling Sessions for the drop out patients of TB under the territory of Health Centre of the corporation.
 - Dr. S.C. Jadhav has very successfully conducted sessions as a resource person in the UGC ASC, Aurangabad and has trained 1008 senior teachers during the last four years.
 - The Faculties of the Department have participated and contributed to various activities of NSS.

Following are the details of the faculty offering extension services:

Sr. No	Name of the teacher	Name of the Programme	Attendance
01	Dr. S. C. Jadhav	Training for Nayab Tahsildar, Aurangabad	16
		Training for supervisors and managers of Cotton Greeves limited Chikalhana	39
		Training for Superwisers and Engineers at Forbes Company, Chikalhana.	25
		Orientation and Training Program for Junior and Senior College Teaching Staff of Balbhim College, Beed.	111
		Training Program for professors of Y.C. I. Polytechnic, Beed.	20
		Training Program for Teachers of V.P. College, Vaijapur.	77
		Orientation program for Administrative Staff of M.S.P. Mandal's College organized at Georai	85
		Training for Engineers and employees of Cotton Greeves Limited Chikalhana	30
		Mental Health and stress management programme for	250



		students and parents	
02	Dr. M.D. Autade	“Stress management” at M.P. Law college, Aurangabad	50
		Lecture on Communication Skill at Mahsul Prabhodini Aurangabad	45
		“Personality Development” at Milind College, of science, Aurangabad	48
03	Dr. A.B. Pawar	Vocational guidance at Dr. Babasaheb Ambedkar College, Aurangabad.	50

Extension Services for students:

Title of the Program	Name of the School	Date
Scientific Awareness programme – guidance for students - Dr. S. C. Jadhav	Venutai Chavan School, Cidco Aurangabad	18/09/2010
Guidance for students regarding motivation Dr. S. C. jadhav	Venutai Chavan school, Cidco Aurangabad	26/12/2012
Student personality development programme camp Dr. S. C. Jadhav	Jaibhawani school waluj	19/07/2013
Aptitude measurement of 10 th students Dr. S. C. Jadhav Dr. M.D. Autade	New High school Chikalhana	21/04/2014
Aptitude measurement of 10 th class students Dr. S. C. Jadhav Dr. M.D. Autade	New High school karmad Tal-Dist-Aurangabad	22/04/2014
Counselling for teacher and students best study habits Dr. Dr. S. C. Jadhav and Dr. A.B. Pawar	New High school Pirbawada Tal-Phulambri, Dist- Auragabad	09/01/2015

1. SWOC analysis of the department and Future plans

Strengths:

- 1) The department has well qualified and committed faculties.
- 2) The department has well equipped Laboratory facility.
- 3) All faculties have Ph.D. degree,
- 4) Three faculties are Research supervisors.
- 5) The department has University Recognized Rresearch Center,
- 6) The department runs short certificate course in Mental Health and Counselling.
- 7) Departments runs counselling center,
- 8) The department provides psychological services to society.
- 9) The faculties of the department work on the Board of Study of the University.
- 10) Best counselor award to faculty.
- 11) Good number of students receiving gold medals & ranking at University exams.



Weaknesses:

- 1) No publication in academic book forms.
- 2) No Major Research Projects sanctioned.
- 3) Lack of infrastructure and space for laboratories.

Opportunities:

- 1) Psychology students have job opportunities public mental health sector, education field, industrial fields.
- 2) To take up fundametal research in psychology.
- 3) Students have opportunities to become specialist to offer professional psychological services.

Challenges:

- 1) To enhance the employability of the student of psychology in private sector.
- 2) To train the students with rural background.
- 3) To take up socially oriented research projects.
- 4) To eradicate superstitions and to create scientific awareness in society.

**DEPARTMENT OF PUBLIC ADMINISTRATION**

1. Name of the department : **PUBLIC -ADMINISTRATION**
2. Year of Establishment : **1999**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **B.A.**
4. Names of Interdisciplinary courses and the departments/units involved – **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester 6.**
Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	01	01
Asst. Professors (CHB)	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	Nirmal B.A.	M.A., M.Phil. SET, NET.	Asst. Prof.	Theory of Pub.Amin.	05
2	Argade A.R. (C.H.B)	M.A., M.Phil. SET, NET.	Asst. Prof.	Indian Administration	04
3	Mrs. SOLANKE S.S. (C.H.B)	M.A., M.Phil.	Asst. Prof.	Local self Government	03

11. List of senior visiting faculty:
 1. Dr.M.C.Pawar, Department of public Administration, Dr. B.A.M.University Aurangabad
 2. Dr. Pilkhane.Hod.Dept. of public Administration chatna college Aurangabad.
 3. Dr. S. Thombre, (BOS chairman)2013-14
 4. Dr.Bhade y.s., Hod.Dept. of public Administration Vivekananda college A' bad
 5. Prof. Wanker H Hod.Dept. of public Administration vasantrao naik college A' bad.
 6. Prof. Kakde S.S. Hod.Dept. of public Administration, lokseva college A' bad



12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **56.25%**

13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14
57:1	59:1	72:1	77:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with M.Phil	Staff with PG
01	03	03

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**

18. Research Centre /facility recognized by the University : **Nil**

19. Publications:

a) Publication per faculty: 05

* Number of papers published in peer reviewed journals (national /international) by faculty and students:

Published papers in journals: International: 02

Full papers in conference proceeding: International: 05

National: 09

Participated in International , national, state & regional conferences: 15

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

* Monographs **Nil**

* Chapter in Books **Nil**

* Books Edited **Nil**

* Books with ISBN/ISSN numbers with details of publishers **Nil**

* Citation Index **Nil**

* SNIP **Nil**

* Impact factor **Nil**

* h-index **Nil**

20. Areas of consultancy and income generated **Nil**

21. Faculty as members in

a) National committees **Nil**

b) International Committees **Nil**

c) Editorial Boards.... **Nil**

22. Student projects

g) Percentage of students who have done in-house projects including inter departmental/programme : **Nil**

h) Percentage of students placed for projects in organizations outside



the institution i.e.in Research laboratories/Industry/ other agencies :
Nil

23. Awards / Recognitions received by faculty and students : **Soni Ankush Sunilkumar University topper (2012-13)**
24. List of eminent academicians and scientists / visitors to the department :
1. Dr.Prathibha Patil, Hod, Department of public Administration, Dr. B.A.M.University Aurangabad
 2. Dr. Ashok Wakodakar- Principal, Degloor College, Degloor, Dist. Latur.
 3. Dr. Vasant Sanap- Principal, R.B.Attal College, Georai, Dist.Beed. 2012-13
 4. Dr.M.C.pawer, Department of public Administration, Dr. B.A.M. University Aurangabad
 5. Dr. Pilkhane.Hod.Dept. of public Administration chatna college Aurangabad.
 6. Dr. S. Thombre, (BOS chairman)2013-14
 7. Dr.Bhade y.s., Hod.Dept. of public Administration Vivekananda college A' bad
 8. Prof. Wanker H Hod.Dept. of Public Administration Vasantnao Naik College A' bad.
 9. prof. Kakde S.S. Hod.Dept. of Public Administration, Lokseva College A' bad

25. Seminars/ Conferences/Workshops organized & the source of funding
State : One day Conference “Changing role of India in International politics ”

26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled (%)		Pass Percentage (%)
			M	F	
UG 2013-14	231	231	157	74	99.16%
UG 2012-13	218	218	154	64	93%
UG 2011-12	177	177	121	56	97%
UG 2010-11	173	173	113	60	95%

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
BAFY	98%	02%	NIL
BASY	99%	01%	NIL
BATY	99%	01%	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?
- 1) Gusinge Dhanraj Sardar - PSI (2010-11)
 - 2) More Jagdish Vasant - PSI (2010-11)



- 3) Chawali Vilas Sudamrao - Teacher (2011-12)
 4) Doibale Kranti Mohan - NET, SET(2011-12)
 5) Motale Prased rajesh - SET(2012-13)
 6) Soni Ankush Sunilkumar - University topper (2012-13)
 7) Hamne Nachiket Subhash - M.Phil(2013-14)

29. Student progression

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	10%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	-
Employed	-
Campus selection	
Other than campus recruitment	
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

- a) Library **Central Library**
 b) Internet facilities for Staff & Students- **YES**
 c) Class rooms with ICT facility- **Yes**
 d) Laboratories - **Nil**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Nil**32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts **Administrative state Wall paper, Guest Lecture, Student Seminar, Group Discussion**

33. Other Co-curricular Activities.:

2011-12 :

(Nirmal B.A.) N.S.S.programme officer, Participated 7days N.s.s.camp at bhindon, D-CAS Officer (B.A. Oct/Nov, Mar/April 2011-2012)

2012-13 :

- (Nirmal B.A.) -
- 1) N.S.S.program officer
 - 2) On line college data feeding committee member
 - 3) Jagar Janivancha committee member
 - 4) D-cas officer B.A.I Oct-Nov , Mar/April 2012-13
 - 5) Earn & learn committee member

2013-14 :

- (Nirmal B.A.) -
- 1) N.S.S. program officer
 - 2) D-Cas officer B.A.I Oct-Nov , Mar/April 2013-14

34. Teaching methods adopted to improve student learning- **lectures, seminar, group Dissuasion, PowerPoint presentations**35. Participation in Institutional Social Responsibility (ISR) and Extension activities :**Nil**

36. SWOC analysis of the department and Future plans



Strength

- Result More than 95%
- Ever increasing students' strength.
- Students oriented various programs.
- Faculty is engaged in research activities.
- Participation in national & international conferences/seminars by faculty.
- Use of ICT for effective teaching- learning process.
- Ex. faculty member Dr.Pratibha Patil is now M.C.Member & H.O.D., Dept.of Public Administration, Dr. Babasaheb Ambedkar Marathwada University Aurangabad.

Weakness

- Only one full time faculty member.
- Pub.Administration is not offered as a subject at school or +2 level.
- P.G. in Public Administration is not available

Opportunities

- P.G. in Pub. Admin. is to be started.
- To establish research center.
- National / international conferences are to be organized.
- To organize guest lecture series for preparation of competitive examination.
- Ample scope for students in competitive examinations like UPSC /MPSC.
- Students have opportunity to choose career in other administrative post / social services.

Challenges

- To increase attendance of students.
- To make students aware of various opportunities in the subject.
- To build up more infrastructure for the department.

Future Plan

- Seminars/workshops on administration skills are to be organized
- U.G.C. research projects are to be proposed.
- To organize the guest lecture series by eminent administrators.

**DEPARTMENT OF ECONOMICS**

1. Name of the department : **ECONOMICS**
2. Year of Establishment : **1959**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG**
4. Names of Interdisciplinary courses and the departments/units involved – **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Asst. Professors(CHB)	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	R.P.Dogra	M.A	Asso. Prof.	Banking And Statistic	35
2	S. A. Dapke	M.A,NET, M.Phil	Asit. Prof. (CHB)	InfrastructureEconomics	1.5
3	Dr.UBALE S.A	M.A,Ph.D	Asst. Prof. (CHB)	Agricultural Economics	1

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled (programme wise)by temporary faculty: **50%**
13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14
92:1	97:1	142:1	142:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
01	03	01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**



18. Research Centre /facility recognized by the University: **Nil**

19. Publications:

a) Publication per faculty: **12**

* Number of papers published in peer reviewed journals
(national /international) by faculty and students: **03**

Sr. no	Name of the author	Title of the Journal	ISSN
01	Dr. D. N. Jige	International Journal of Law and Social Sciences	2348-165x
02	Dr. D. N. Jige	International Journal of Management & Economics	2231-4687
03	Dr. D. N. Jige	International Journal of Management & Economics	2231-4687
04	Dr. D. N. Jige	Global Dreams	2279-0632

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

* Monographs **Nil**

* Chapter in Books **08**

* Books Edited **Nil**

* Books with ISBN/ISSN numbers with details of publishers: **Nil**

* Citation Index **Nil**

* SNIP **Nil**

* Impact factor **Nil**

* h-index **Nil**

20. Areas of consultancy and income generated **Nil**

21. Faculty as members in

a) National committees **Nil**

b) International Committees **Nil**

c) Editorial Boards.... **Nil**

22. Student projects

i) Percentage of students who have done in-house projects including inter departmental/programme : **Nil**

j) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**

23. Awards / Recognitions received by faculty and students: **Nil**

24. List of eminent academicians and scientists / visitors to the department:

- Mr. M. M. Patel, General Manager, Bajaj Auto, Aurangabad.
- Dr. P. Deshmukh, Asst. Prof. of Economics, Dr. B. A. M. University.
- Mr. Abhijeet Dharmadhikari, Editor, Arthakranti & Krishna Career Academy.



25. Seminars/ Conferences/Workshops organized & the source of funding: **Nil**
26. Student profile programme/course wise

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
F.Y	190	190	147	43	
S.Y	119	119	84	35	
T.Y	62	62	56	06	

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
BA	100%	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**
29. Student progression

Student progression	Against % enrolled
UG to PG	90%
PG to M.Phil.	04%
PG to Ph.D.	1%
Ph.D. to Post-Doctoral	-
Employed	5%
Campus selection	
Other than campus recruitment	2%
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

- Library: **Central Library with more than 4000 books**
- Internet facilities for Staff & Students- **YES**
- Class rooms with ICT facility- **Yes**
- Laboratories - **Nil**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Nil**

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:

- Mr. M. M. Patel, General Manager, Bajaj Auto, Aurangabad delivered a guest lecture on “How to Achieve Success” on 28th Jan, 2010.
- Dr. Purushottam Deshmukh, Asst. Prof. of Economics, Dr. B. A. M. University delivered a resource talk on ‘Inflation’ in 2013.
- Mr. Abhijeet Dharmadhikari, Editor, Arthakranti & Krishna Career Academy talked on money and its importance in economy in 2012.

33. Other Co-curricular Activities.: **Preparation of chart & wallpapers.**

34. Teaching methods adopted to improve student learning-



For T.Y student –

- Discussion method
 - Student seminar method
 - Interactive methods.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities: **Students and faculty participated in the following activities:**
- Contribution to relief fund for drought affected area in Marathwada.
 - Adoption of poor students to meet their educational expenses.
 - Social activities by NSS
36. SWOC analysis of the department and Future plans

Strength

- 100% result of B.A.T.Y main students.
- Ever increasing result of department since 2010.
- 30% student got merit (above 70% mark).
- Student strength is increasing.
- Maximum student from rural area or backward community.
- More than 4000 books (text and reference) available in central library.

Weakness

- Lack of permanent faculty.
- Post Graduation is not available

Opportunities

- Providing quality education to society of economic backward classes.
- To commence professional courses in Economics in order to enable students for employability.
- To set up infrastructure and special career guidance cell to help the students to appear for MPSC, UPSC or other competitive examination by taking Economics as specialization.

Challenges

- Bringing about social transformation through education of economics.
- Creating awareness about basic research in Economics among the students.
- Creating awareness and importance of this subject among the students.
- Due to rural background, students are weak in English communication skills.

Future Plan

- To organize research paper presentation competition for students.
- To set up a centre for guiding students preparing for MPSC/UPSC.
- Organizing study tour economically important centres and places.
- To take up research projects.

**DEPARTMENT OF HOME SCIENCE**

1. Name of the department : **HOME SCIENCE**
2. Year of Establishment : **2003**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG**
4. Names of Interdisciplinary courses and the departments/units involved - **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Cookery and food preservation.**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	00	00
Asst. Professors	00	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Expe- rience
Smt. Chauhan U.P	M.A .M.Phil	Assitant Professor	Food & Nutrition	15
Mss.Verma .P.H	M.A	C.H.B.Lec.	-	01

11. List of senior visiting faculty:
 - 1) Dr. Jayashri Godse Ex .Prin. of College Akluz, Dis- Solapur
 - 2) Prof. Anvita Agrawal I.B.P. Mahila College. Aurangabad.
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **100%**
13. Student -Teacher Ratio (programme wise) :
U.G -27:02 , U.G – 33:02
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Support staff	Sanctioned	Filled
Lab Attendant	-	01

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
00	02	01



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**
18. Research Centre /facility recognized by the University : **Nil**
19. Publications:
- a) Publication per faculty:
- * Number of papers published in peer reviewed journals (national /international) by faculty and students: **Nil**
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - **Nil**
 - * Monographs **Nil**
 - * Chapter in Books **Nil**
 - * Books Edited **Nil**
 - * Books with ISBN/ISSN numbers with details of publishers **Nil**
 - * Citation Index **Nil**
 - * SNIP **Nil**
 - * Impact factor **Nil**
 - * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
- a) National committees **Asst.Prof.Chauhan.U.P.**
- b) International Committees - **Nil**
- c) Editorial Boards.... **-Nil**
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme : **70%**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students : **Nil**
24. List of eminent academicians and scientists / visitors to the department :
- 1) Dr.Jayashri Godse Ex.Prin. of College Akluz, Dis- Solapur
- 2) Prof. Anvita Agrawal I.B.P. Mahila College.Aurangabad.
25. Seminars/ Conferences/Workshops organized & the source of funding
- National : **01** b)International : - **Nil**
26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A.I	26	26	00	26	100%
BA.II	21	21	01	20	100%
B.A.III	06	06	00	06	100%



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.I	100%	00%	Nil
B.A.II	100%	00%	Nil
B.A.III	100%	00%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**

29. Student progression

Student progression	Against % enrolled
UG to PG	90.00%
PG to M.Phil.	20%
PG to Ph.D.	00%
Ph.D. to Post-Doctoral	Nil
Employed Campus selection Other than campus recruitment	Nil
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities

- Library **Central Library**
- Internet facilities for Staff & Students- **Yes**
- Class rooms with ICT facility- **Yes**
- Laboratories **Yes**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Nil**

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:

Year	Special lectures	Name
2009-10	Mr. A. K. Narwade	Safety Clinic
	Dr. Jayashri Godse	Sex Education for girls
2011-12	Dr. Mohini Savant	Art Exhibition
2012-13	Dr. Jayashri Godse	Nutritional Day (workshop)
2013-14	Prof. Anvita Agrawal	Batik& Madhubahi Painting

33. Other Co-curricular Activities.: **Nil**

34. Teaching methods adopted to improve student learning- 1) To provide Audiovisual Aid, like- Charts, OHP Sheet, Notes, Books, News paper cutting Video

35. Participation in Institutional Social Responsibility (ISR) and Extension activities :ISR- Admission, Guiding. Extension activities – Nutritional Counseling & Pre marital/Marriage counseling



36. SWOC analysis of the department and Future plans

Strengths:

- Many students completed their UG under the guidance of department faculties many students started their own training centres, self-employment in the various fields like as a food contractor, food units, fashion designing etc
- All students of department organise “Art Exhibition” in college campus. Department started the short term certificate courses in Nutritional Counselling & Indian Hand Embroidery.

Weakness

- Home Science Dept. is a Non – Grant Dept. and it faces problems due to lack of permanent faculties.
- The subject is not taught at +2 level as an optional subject.
- Opportunities
- Opportunities for students for jobs in govt. sector.-like Nutritionist in Govt.& Pvt. Hospitals, anganwadi supervisor, Add. officer, trainer etc.
- Job in social welfare Dept., Mother& Child Care Centre.
- Self – Employment in hotels, restaurant, food packaging industries, etc.
- To commence business like tailoring, weaving, embroidery, painting, printing, etc.
- Pre & post marital counseling.

Challenges

- To commence PG in the subject.
- To establish a guidance centre in food counseling.
- To begin a course in diet counselling.
- To offer a diploma in pre and post marital counseling.
- To organize a seminar in latest technologies in food preservation.

**DEPARTMENT OF MUSIC**

1. Name of the department : **MUSIC**
2. Year of Establishment : **2003**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG**
4. Names of Interdisciplinary courses and the departments/units involved - **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments. : **Yes**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors (Fix Pay)	03	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	Mrs. S.B Kulkarni	M.A.	Asst Prof and Head	Music	7 years
2	Miss. S. R. Kalyankar	M.A.B.Ed	Asst Prof	Music	6 Months
3	Mr. P.V. Gaikwad	M.A.	Asst Prof	Music	1.5 Years

11. List of senior visiting faculty:

1. Dilip Khandaray (Folk Artist)	11. Mr. Shaukat Ali (Flim Director)
2. Meera Umap (Folk Artist)	12. Mr. Azhar Khan (Flim Director)
3. Niranjan Bhakre (Folk Aritst)	13. Mr. Manish Bhagvat (Flim Director)
4. Chaitrali Rajee (Folk Aritst)	14. Supriya Pathare (T.V Serial Actress)
5. Arun Kadam (Film Actor)	15. Anshuman Vichare (T.V Actor)
6. Dr. Saleel Kulkarni (Playback Singer & Music Composer)	16. Kishor Kadam/Saumitara (Flim Actor)
7. Uttara Kelkar (Playback singer)	17. Milind Gavali (Flim Actor)
8. Dr. Shridhar Phadke (Playback singer & Music Composer)	18. Pt. Vishwanath Oak (Classical Singer)
9. Smita shevale (Film Actress)	19. Talmani Dr. Ram Borgaonkar (Prof. / Classical Tabla Artist)
10. Shri Gorakh Jogdand (Flim Director)	20. Dr. Hari Kokare (Film Actor)

12. Percentage of lectures delivered and practical classes handled (programme



wise) by temporary faculty : **100%**

13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14
7:1	9:1	9:1	9:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with M.Phil	Staff with PG
00	00	03

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received. **Nil**

18. Research Centre /facility recognized by the University : **Nil**

19. Publications:

- * a) Publication per faculty: **Nil**
- * Number of papers published in peer reviewed journals (national /international) by faculty and students: **Nil**
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
- * Monographs **Nil**
- * Chapter in Books **Nil**
- * Books Edited **Nil**
- * Books with ISBN/ISSN numbers with details of publishers **Nil**
- * Citation Index **Nil**
- * SNIP **Nil**
- * Impact factor **Nil**
- * h-index **Nil**

20. Areas of consultancy and income generated **Nil**

21. Faculty as members in

- a) National committees **Nil**
- b) International Committees **Nil**
- c) Editorial Boards.... **Nil**

22. Student projects

- c) Percentage of students who have done in-house projects including inter departmental/programme : **Nil**
- d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**



23. Awards / Recognitions received by faculty and students :

Sr.No.	State	University
1	State Level classical music competition, Udgir - Kaustubh Kulkarni -III Prize	Youth Festival District level 28 th to 30 th Sept, 2011 a) Western solo - I prize b) Group Indian - II prize c) Folk Instrumental - III prize
2	State Level classical music competition, Latur - Kaustubh Kulkarni - III Prize.	Dr. B.A.M.U Youth festival classical music competition 2012 - Kaustubh Kulkarni - I Prize.
3	Kokamthan classical music competition - Kaustubh Kulkarni -III prize	Dr. B.A.M.U Youth festival 17 th to 19 th Nov, 2013 a) Classical Singing -Kastubh - I prize b) Semi classical singing-Shraddha - I prize c) Western solo - Shraddha - III prize d) Western Group - I Prize e) Classical Instrumental - Tushar- III prize f) Bhajan - II prize g) Folk Song (Powada) - III prize
4.	Late Yashwantrao Chavan Partishthan, Sugam Gayan Competition -Shraddha Joshi - I Prize	Dr. B.A.M.U Youth festival 13 th to 16 th Dec, 2014 General Championship Trophy, Maharashtra Lok Kala Trophy. a) Classical Singing - III Prize b) Semi classical Singing -III prize c) Sugam Indian -II prize d) Western Solo - I Prize e) Western Group - I prize f) Folk Song (Powada) - I Prize g) Folk Song (Wasudeo) -I Prize h) Folk Song (Gondhal) - I Prize i) Folk Song (Bharud) - I Prize
5.	Inter Collegiate Indra Dhanushya Youth Festival classical Music - Kaustubh Kulkarni- II prize	
6.	Inter University Youth Festival Indra Dhanush - Nasik - Folk Orchestra -	



	Vinay Shankhpal-II	
7.	Swar Madhuri Classical Music Competition Pune 17 th Jan, 2013 - Kaustubh kulkarni - III Pirze	
8.	West zone Inter university Youth Festival Gujrat (Anand) Folk Orchestra- Vinay Shakhpal-III prize	
9.	Laxmikant Berde Foundation Classical singing Competition 31 st Dec, 2013 - Kaustubh Kulkarni -II prize	
10.	Swarmai Gurukul Prabha Atre Pune - Classical Singing Competition - kaustubh kulkarni- III	
11.	Narendra Swami Classical Singing Competition Latur - Kaustubh kulkarni - III prize	
12.	Srujan Youth Festival Baramati Classical Singing Competition - Kaustubh -II prize	

24. List of eminent academicians and scientists / visitors to the department :
Nil
25. Seminars/ Conferences/Workshops organized & the source of funding: **Nil**
26. Student profile programme/course wise: **Nil**
27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from the abroad
B.A Music	99%	1%	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**
29. Student progression

Student progression	Against % enrolled
UG to PG	3
PG to M.Phil.	Nil
PG to Ph.D.	1
Ph.D. to Post-Doctoral	Nil
Employed Campus selection Other than campus recruitment	--
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities a) Library - **Nil**
b) Internet facilities for Staff & Students- **Nil**
c) Class rooms with ICT facility- **Nil**



- d) Laboratories - **Nil**
31. Number of students receiving financial assistance from college, university, government or other agencies: **Nil**
32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts
1) Dr. Surekha Ratnaparkhe H.O.D Music Dept. K.S.K College Beed
2) Dr. Sanjay Mohad, H.O.D. Music Dept., S.B.College, Aurangabad.
33. Other Co-curricular Activities.: **Nil**
34. Teaching methods adopted to improve student learning-**Nil**
35. Participation in Institutional Social Responsibility (ISR) and Extension activities **Musical programmes for society on different occasion.**
36. SWOC analysis of the department and Future plans

Strengths

- Outstanding achievement of students in various competitions.
- Contribution of department in social activities.
- Production of Albums /CD
- Organization of Students Orchestra (Maharashtrachi Lokdhara)
- Musical Magazine

Weakness

- The department is non-granted.
- Lack of advanced musical instrument
- Lack of sound systems.

Opportunities

- To organize various programmes for different social groups.
- To offer course in modern as well as traditional singing.
- To organize guiding sessions from professional musicians.

Challenges

- To offer professional programmes solely organized by students.
- To make the department equipped with advanced instruments.
- To promote students for playback singing.
- To create financial resources for musical album production.

**DEPARTMENT OF DRAMATICS**

1. Name of the department : **DRAMATICS**
2. Year of Establishment : **2003**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG**
4. Names of Interdisciplinary courses and the departments/units involved – **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments: **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
8. Details of courses/programmes discontinued (if any) with reasons. : **Nil**
9. Number of Teaching posts:

Position	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors (Fix Pay)	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	Experience
1	Mr. A. U. Salve	B.D, M. A., M.P.A, NET, Ph.D (App)	Assit.Prof.	Dramatics (Direction, production)	07
2	Mr. N. B Borse	B.Sc., M.Sc. B.Ed. M.A. MPA, Ph.D.(App)	Assit.Prof.	Dramatics (Direction, production)	04

11. List of senior visiting faculty:
 1. Sahebrao Patil (Film Actor)
 2. Yogesh Shirsath (Film Actor)
 3. Dr. S.N. Bharanapurkar
 4. Dr. Dilip Ghare
 5. Dr. Dasu Vaidya
 6. Dr. Laxmikant Dhond.
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **100 %**
13. Student -Teacher Ratio (programme wise) :

2010-11	2011-12	2012-13	2013-14
13:1	22:1	17:1	15:1



14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**
15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil / PG.
- | Staff with Ph.D | Staff with M.Phil | Staff with PG |
|-----------------|-------------------|---------------|
| -- | -- | 02 |
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received.
18. Research Centre /facility recognized by the University: **Nil**
19. Publications:
- a) Publication per faculty: **40**
- * Number of papers published in peer reviewed journals (national /international) by faculty and students:
- Mr. Anil Salve:**
- International : 02**
- National : 05**
- Others : 02**
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
- * Monographs **Nil**
- * Chapter in Books **Nil**
- * Books Edited **Nil**
- * Books with ISBN/ISSN numbers with details of publishers: **Nil**
- * Citation Index **Nil**
- * SNIP **Nil**
- * Impact factor **Nil**
- * h-index **Nil**
20. Areas of consultancy and income generated: **Nil**
21. Faculty as members in
- a) National committees **Nil**
- b) International Committees **Nil**
- c) Editorial Boards.... **Nil**
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme : **100%**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students:
- Department of Dramatics at Deogiri College has ventured into making of a short film named SHIRAMI. It is based on a true story occurred in West Bengal about Khap Panchayat which punishes a girl from backward



classes. Writing, direction, production for the film was done by Mr. Anil Salve, Head, Department of Dramatics. Students of the department acted in the film.

- Shirmi received The Best Film Award in National Short Film Festival organized at Aurangabad entitled “TECH’EVE”.
- Shirmi received Jury Appreciation Award in KOCHI International Short Film Festival, Kerala, 2015.
- Shirmi is also selected for screening at NIFF Nashik International Film Festival, Nashik, Maharashtra.
- Shirmi is also selected for screening at ANFF Ahemadnagar National Film Festival, Ahemadnagar, Maharashtra.
- Shirmi is also selected for screening at New Mumbai National Film Festival, New Mumbai, Maharashtra.
- Shirmi also bagged the Best Film Award in Rotary Club sponsored National Film Festival entitled SHIKHAR at Aurangabad.

2010-2011

University Level Achievement

- University Youth Festival Ramkrushna Paramhans College, Osmanabad. First Prize Skit (Kutryachi Shepti)
- University Youth Festival, at Ramkrushna Paramhans College, Osmanabad. First Prize Mimikri.
- University Youth Festival, at Milind College A’Bad. First Prize One Act Play: Katha Khairlanji
- University Youth Festival at Milind College A’Bad First Prize: Skit: Kuposhit Rashtra.
- University Youth Festival at Milind College A’Bad, First Prize: Mimikri- Saddam Shaikh
- University Youth Festival at Milind College, A’Bad, First Prize: Mime.
- University Youth Festival at Milind College A’Bad, Second Prize: Poem- Abhimanyu Rajguru.
- University Youth Festival at, Milind College A’Bad, First Prize: Creative Dance-Avinash Shejwal.
- University Youth Festival at Milind College A’Bad, First Prize: Classical Dance-Parampal Kaur.
- Youth Festival at Milind College A’Bad, Third Prize: Folk Instrument.
- University Youth Festival at Milind College A’Bad, Third Prize: Folk Instrument.
- University Youth Festival at Milind College A’Bad Third prize Poster- Amol Lakhkar.
- University Youth Festival at Milind College A’Bad Third Prize Penting- Nakul Khake.



- University Youth Festival at Kannad A'Bad First prize One Act Play (Rajyakarta).
- University Youth Festival at Kannad A'Bad Second prize Skit(Kutryachi shepti).
- University Youth Festival at Kannad A'Bad, First Prize: Classical dance – Parampal Kaur.
- University Youth Festival at Kannad A'Bad, Second Prize: Speech – Nikesh Madare.
- University Youth Festival at Kannad A'Bad: Third Prize: Poster-Siddarth Tribhuvan.

State Level Achievement (9)

- Sakal Karandak One Act Play: Katha Khairlanji, Third Prize, A'Bad.
- Sakal Karandak, One Act Play: Katha Khairlanji, Best Acting Santosh Marag, A'Bad.
- Unmesh Youth Festival, One Act Play Shapit First Prize, Shivaji College Parbhani.
- Unmesh Youth Festival, Mime First Prize, Shivaji College, Parbhani.
- Bende Ekankika One Act Play Competition Second Prize Best Writing AnilKumar Salve.
- Tihai Karandak , Dombivali Mumbai, Second Prize,Katha Khairlanji.
- Purushottam Karandak, Jalgaon, 2011 One Act Play Presentation: Katha Khairlanji.
- Kamgar Kalyan Kendra A'Bad. One Act Play (The Sacrifice) First Prize.
- State Level Marathi Play Competition Katha Khairlanji: Best Acting- Umesh Mulgir

2011-2012

Sr no.	Title of the Event	Organized By, Place	Level	Awards. /Prizes
1	Inter University Youth Festival Indradhanushya Nasik ,Third Prize Mimicry- Written By Anilkumar Salve.	Inter University youth festival indradhanushya Nasik. 5-9 Nov.2011	National	I
2	West Zone Inter University Youth Festival Udaipur Rajasthan Third Prize Mimicry -Saddam Sheikh. Written By Anilkumar Salve.	West Zone Inter university youth festival Udaipur Rajasthan	National	III
3	P.L.Deshpande One Act Play Compitation State Level A'Bad. Second Prize (Sheikh Muhhamad	P.L.Deshpande One Act Play Compitation State	State	II



	Marathi Madhyam).2012	Level A'Bad.		
4	Sakal Karandak One Act Play Compitation,Best Writing Prize (Gandhijincha Chasma Harvala Aahe.)2012	Sakal Org. A'Bad.	State	I
5	P.L.Deshpande One Act Play Compitation State Level A'Bad. Best Wrting First Prize (Sheikh Muhhamad Marathi Madhyam).2012	P.L.Deshpande One act play Compitation State Level A'Bad2012	State	I
6	State Level Bahujan One Act Play Competition 2012, Music Second Prize.Anilkumar Salve (Kathakhairlanji).	State level Bahujan one Act play Competition 2011-12	State	II
7	P.L.Deshpande One Act Play Compitation State Level A'Bad. Best Actress First Prize-Gayatri Punatambekar (Sheikh Muhhamad Marathi Madhyam).2012	P.L.Deshpande One act play Compitation State Level A'Bad.	State	I
8	P.L.Deshpande One Act Play Compitation State Level A'Bad. Best Actress First Prize-Shalini Parve(Sheikh Muhhamad Marathi Madhyam).2012	P.L.Deshpande One act play Compitation State Level A'Bad.	State	I
9	State Level Sakal Karandak One Act Play Comp.2011 Best Actor Saddam Shaikh (Gandhijincha Chasma Harvala Aahe).	Sakal Org. A'bad	State	I
10	P.L.Deshpande One Act Play Compitation State Level Aklus, Final Presentation (Sheikh Muhhamad Marathi Madhyam).	P.L.Deshpande One Act Play Compitation State Level Akluj.	State	-
11	Purushottam Karandak One Act Play Compitation Jalgaon, 2012.	Purushottam Karandak one act play Compitation Jalgaon	State	-
12	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'bad Third Prize One Act Play Gandhijincha Chasma Haravala Aahe.Date	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'Bad	Universit y	III



13	Youth Festival Dr.B.A.M.Uni.Maulana Aazad College A'Bad First Prize Skit (Kutryachin Shepti).	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'Bad.	University	I
14	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'bad First Prize Mimikri-Saddam Shaikh.Date	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'Bad	University	I
15	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'bad First Prize Natya Vibhag.Date	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'Bad	University	I
16	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'Bad Second Prize Creative Dance- Avinash Shejwal.	Youth Festival Dr. B. A. M. U. Maulana Aazad College A'bad	University	II
17	Youth Festival Dr. B. A. M. U. Maulana Aazad College A'bad First Prize Mime.Date 28-30 Sept. 2011.	Youth Festival Dr.B.A.M.U.Maulana Aazad College A'Bad	University	I

2012-2013**National:**

Sr. No	Details	Prize
01	Prof.Anil Kumar Salve selected as Team Leader for Inter University Youth Festival at Raigad Lonere.	-
02	Inter university Youth Festival Raigad, Lonere. Skit	III
03	Inter University Youth Festival Raigad Lonere. Mimicry	II
04	West Zonal Inter University Youth Festival.Shivaji University Kolhapur: Mimicry	I
05	National Youth Festival Kurukshetra Haryana. Mimicry	I

State:

Sr. No	Details	Prize
1.	Ramesh Varpudkar One Act Play Competition, Parbhani. (Shaikh Muhammad Marathi Madhyam) Best Play Writer Award to Prof. Anil Salve	I
2.	Kala Krida One Act Play Competition. Pune	II
3.	Selection in Marathi Muslim Sahitya Sammelan, Jalgaon	I
4.	Rangasangati State Level One Act Play Comp. A'Bad	III
5.	Prabodhankar Thakre Karanadak One Act Play Comp. A'Bad	II



6.	Prabodhankar Thakre Karanadak One Act Play Comp. A'Bad, Acting Category (Male): Abhimanyu Rajguru.	I
7.	Prabodhankar Thakre Karanadak One Act Play Comp. A'Bad, Acting Category (Female)	I
8.	Samata Mahakarandak One Act Play Comp. Beed.People Choice Award	I
9.	P.L. Deshpande Maha Karandak One Act Play Comp, Best Writer Award to Mr. Anil Salve	I
10.	Prabhakar Panshikar Natysampda One Act Play Comp, Best One Act Play to Global Aadgaon.	I
11.	Prabhakar Panshikar Natysampda One Act Play Comp, Best Acting Award to Rameshwar Zinzurde	I
12.	Prabhakar Panshikar Natysampda One Act Play Comp. Acting Category (Female)	I
13.	Prabhakar Panshikar Natysampda One Act Play Comp. Direction Category	I
14.	Srujan Youth Festival Baramati.	II
15.	Srujan Youth Festival Baramati, Acting Category (Male)	II
16.	Srujan Youth Festival Baramati, Acting Category (Female)	I
17.	Srujan Youth Festival Baramati, Best Set Award	I
18.	Kala Krida &Krida Yuwak Mahostav A'Bad, Best Play Award	I
19.	Divisional Kala Krida & Krida Yuwak Mahostav A'Bad, Best Play Award	I

University Level:

Sr. No	Details	Prize
01	Youth Festival. Dr, BAM University, (Global Aadgaon)	III
02	Youth Festival .Dr, BAM University, (Skit)	I
03	Youth Festival .Dr, BAM University, Mimicry	I
04	Youth Festival. Dr, BAM University, Best Play Award	I

2013-2014**NATIONAL:**

Sr. No	Details	Prize
1.	West Zonal Inter-University Youth Festival, Kolhapur. Mimicry, Saddam Shaikh	I
2.	National Youth Festival Krukshetra, Hariyana, Mimicry, Saddam Shaikh	II

**STATE:**

Sr. No	Details	Prize
1.	Jibhau Karandak One Act Play Competition, Nandurbar Best Play Award to Global Aadgaon	I
2.	Jibhau Karandak One Act Play Competition, Nandurbar Best Actress Award to Gayatri Puntambekar	I
3.	Jibhau Karandak One Act Play Competition, Nandurbar Best Set Up Award	I
4.	Bodhjan Mahakarandak – One Act Play Competition, Mumbai Public Choice Award	I
5.	Bodhjan Mahakarandak – One Act Play Competition, Mumbai Best Set Up Award	I
6.	Bodhjan Mahakarandak – One Act Play Competition, Mumbai Best Music Award to Bhargav Puntambekar	I
7.	Maharashtra Kamgar Kalyan Mandal, Aurangabad Women One Act Play Competition. Best One Act Play to Shapit	I
8.	Maharashtra Kamgar Kalyan Mandal, Aurangabad Women One Act Play Competition. Best Director Award to Mr. Anil Salve	I
9.	Kala Krida One Act Play Competition, Pune Best Play Award to Shaikh Muhhmad Marathi Madhyam	II
10.	Rangsangati One Act Play Competition, Aurangabad Best Play Award to Shaikh Muhhmad Marathi Madhyam	III
11.	Prabodhankar Thakare Karandak, Aurangabad Best Play Award to Shaikh Muhhmad Marathi Madhyam	II
12.	Prabodhankar Thakare Karandak, Aurangabad Best Actor Award to Abhimanyu Rajguru	I
13.	Prabodhankar Thakare Karandak, Aurangabad Best Actress Award to Gayatri Puntambekar	I
14.	Samata Mahakarnarandak, Beed Best Audience Choice Award	I
15.	P.L.Deshpande Mahakarandak One Act Play Competition Best Play Writer Award to Mr. Anil Salve	I
16.	Prabhakar Panshikar Natyasampada One Act Play Competition Best Play Award to Global Aadgaon	I
17.	Prabhakar Panshikar Natyasampada One Act Play Competition Best Actor Award to Rameshwar Zinjurde	I
18.	Prabhakar Panshikar Natyasampada One Act Play Competition Best Actress Award to Gayatri Puntambekar	I
19.	Prabhakar Panshikar Natyasampada One Act Play Competition Best Director Award to Manish Khandare	I
20.	Srujan Youth Festival Baramati,	II



	Best Play Award to Global Aadgaon	
21.	Srujan Youth Festival Baramati, Best Actor Award to Rameshwar Zinjurde	I
22.	Srujan Youth Festival Baramati, Best Actress Award to Gayatri Puntambekar	I
23.	Srujan Youth Festival Baramati, Best Set Design	I
24.	Kala Krida & Krida Youth Festival, Aurangabad. Best Play Award	I

UNIVERSITY LEVEL

Sr. No	Details	Prize
1.	Best Play Award for Global Aadgao	III
2.	Best Drama Group Award	I
3.	Mimicry (Saddam Shaikh)	I
4.	Skit	I
5.	Best Actress Award to Gayatri Puntambekar	I
6.	Best Poster Presentation Award to Gayatri Masalekar	II
7.	Painting to Gayatri Masalekar	III

2014-2015**National & International:**

Sr. No	Details	Prize
1.	Indradhanush Inter-University Competition, Amaravati, Mimicry – Saddam Shaikh	I
2.	West Zonal Youth Festival, Ajmer. Mimicry, Saddam Shaikh	I
3.	National Youth Festival, Indore. Mimicry, Saddam Shaikh	Selection
4.	National Talent Show: Hajmola Chatpata Star ki Khoj, Comedy Acting, Saddam Shaikh	I
5.	National Talent Show: Hajmola Chatpata Star ki Khoj, Comedy Acting, Mangesh Tuse	IV

STATE

Sr. No	Details	Prize
1.	Purushottam Karandak 2014, Jalgaon Global aadgaon, Best Play Award.	III
2.	Purushottam karandak 2014, Jalgaon Global Aadgaon, Acting Category, Best Acting Award	I
3.	Purushottam Karandak, Pune. Presentation, Rameshwar Zinjurde-Best Acting award,	I



4.	Loksatta-Lokankika Marathi One Act Play Competition	III
5.	Maharashtra Kamgar Kalyan Mandal, Mahila Ekankika Spardha	I
6.	Rangasangit Ekankika Spardha Auarangabad. Best Play Cate.	II
7.	Rangasangit Ekankika Spardha Auarangabad. Best Director	I
8.	Rangasangit Ekankika Spardha Auarangabad. Best Set Up	I
9.	Rangasangit Ekankika Spardha, Pune Global Aadgaon.	II
10.	Rangasangit Ekankika Spardha, Pune Global Aadgaon. Best Writer-Prof.Anilkumar Salve	I
11.	Rangasangit Ekankika Spardha, Pune Global Aadgaon. Best Director- Prof.Anilkumar Salve.	I
12.	Rangasangit Ekankika Spardha, Pune Global Aadgaon. Best Actor- Saddam sheikh,	I
13.	Rangasangit Ekankika Spardha, Pune Global Aadgaon. Best Actor-Yuraj Salve.	I
14.	Rangasangit Ekankika Spardha, Pune Global Aadgaon. Best Actress- Chetna Deshpande	I
15.	Rangasangit Ekankika Spardha Auarangabad.Best Play Award	III
16.	Rangasangit Ekankika Spardha Auarangabad. Best Writer	I
17.	Ahemadnagar Mahakarandak One Act Play Competition Best Make Up to Amol Sanap & Laxman Mutkule	II
18.	Ahemadnagar Mahakarandak One Act Play Competition Best Actor Award to Rameshwar Zinjurde	Consolation

UNIVERSITY LEVEL (Central Youth Festival)

Sr. No	Details	Prize
1.	Youth Festival 2014-15, Best Team Award	I
2.	Best Play Award for Tichya Sathi Vattel Te	II
3.	Mime (Mission Kashmir)	II
4.	Mimicry (Saddam Shaikh)	I
5.	Skit (Kya Achhe Din Aane Wale Hai?)	I
6.	Best Actor Award to Rameshwar Zinjurde	III
7.	Best Director Award to Sujit Detha	II
8.	Debate Competition (Jitendra Pawar & Nikita Patil)	II
9.	Elocution Competition (Jitendra Pawar)	II
10.	Best Drama Group	I

24. List of eminent academicians and scientists / visitors to the department :

1. Nandu Madhav (Film Actor)



2. Arun Kadam (Film Actor)
 3. Makrand Anaspure (Film Actor)
 4. Sayaji Shinde (Film Actor)
 5. Swapnil Joshi (Film Actor)
 6. Ankush Chaudhari (Film Actor)
 7. Jitendra Joshi (Film Actor)
 8. Sai Tamhankar (Film Actress)
 9. Anshuman Vichare (Film Actor)
 10. Supriya Pathare (Film Actress)
 11. Arvind Jagtap (Film Writer)
 12. Vineet Bhonde (Actor)
25. Seminars/ Conferences/Workshops organized & the source of funding : **Nil**
26. Student profile programme/course wise:

Name of the Course/ Programme	Applications received	Selected	Enrolled (%)		Pass Percentage (%)
			M	F	
2010-11	28	28	23	05	100%
2011-12	45	44	37	07	100%
2012-13	35	35	32	03	100%
2013-14	29	29	24	05	100%

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.	100%	Nil	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**
29. Student progression

Student progression	Against % enrolled
UG to PG	95%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	-
Employed	-
Campus selection	-
Other than campus recruitment	-
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

- a) Library **Nil**
- b) Internet facilities for Staff & Students- **YES**
- c) Class rooms with ICT facility-

Yes



- d) Laboratories **Theater Lab**
31. Number of students receiving financial assistance from college, university, government or other agencies: **Nil**
 32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts **Guest Lectures/ Seminars /Theater Workshops.**
 33. Other Co-curricular Activities:
 - Meet the Author
 - Co sponsored one act play competition
 - Participate in many one act play competition.
 - Participate in central youth festival.
 - Participate in central west Zone youth festival
 - Participate in Indra Dhanushya Youth Festival.
 - Participate in National Youth festival.
 - Correct play writing workshop
 - Study tour
 34. Teaching methods adopted to improve student learning-
 - Lectures, Seminar, Tutorials, ICT.
 - Screening of movies based on the text books prescribed
 - Students seminars to encourage them for writing workshops.
 - Screening of documentaries in dramatics to introduce students with proper dramatics theater languages and styles.
 35. Participation in Institutional Social Responsibility (ISR) and Extension activities : a) Mr.Anil Salve
 - Street play.
 - One act plays at different places for social awareness in rural areas.
 - Social awareness about cast factors.
 - Social awareness about land Acquisitions like SEZ.
 - Samrat Gaurav Puraskar (Samrat Vichar Manch - 2013) Aurangabad.
 - Srvtokrust Lekhan First Prize for Shaikh Muhammad Marathi Madhyam (P. L. Deshapande Mahakarandak - 2012)
 - “Mahatma Phule Va Dr.Babasaheb Ambedkar Samaj Bhushan Puraskar - 2013” by: Dr. Babasaheb Ambedkar Pratishthan & Municipal Corporation, Ambajogai, Dist: Beed.
 - Workshops/ Seminars/ Conference Attended
 - Work shops Organized:
Extension activities: b) Mr. Niraj Borse

AWARDS:

- Master of Performing Arts (M.P.A) Second Year Examination Held in May/June,2011 Gold Medal From Dr.B.A.M.University, Aurangabad.
- “Late Jawaharlaji Darda Paritoshak” for Highest Number of Marks at M.P.A. Second Year Examination In May/June 2011.



- “Late Narsinhs Despande Prize” for Highest Number of Marks at M.P.A. Second Year Examination In May/June 2011

FULL LENTH PLAYS DIRECTION

- Muktadhara- Ravindranath Tagore
- Mahanirvan- Satish Alekar
- Krishna Gokul Yeto – Dinkar Deshpande
- Samana- Satish Alekar
- Ha.Ha.Ani Ha..Ha..Ha..- Dinkar Deshpande
- Aamahe Sarve- Datta Bhagat
- Kach Ke Diwar-Rekah Bajal
- Mulage Zali Ho- Jyoti Mhapsekar

PERFORMED PLAY:

- Nagmandal-Girish Karnad MAHANIRVAN- SATISH ALEKAR
- Mid summer Night,s Dream,s-william Shakespear Gend
- Eugene Ionesco
- Hamlet-William Shakespeare
- Muktadhara-Ravindranath Tagore
- Party- Mahesh elkunchwar
- Court Marshal-L.N.Deshpane
- Seeta Swayamwar-Nishnudas Bhave
- Shobyatra-Shafaat khan
- Ajgar ani gandharwa-Vijay Tendulkar
- Sadu ani dadu-P.L Deshpande
- Theatre Workshop was conducted on 16th Feb 2015 in Shri Panditguru Pardikar Mahavidyalaya. Sirsala .Tq.Parali (v) Dist.Beed

36. SWOC analysis of the department and Future plans

Strengths:

- Well trained and qualified staff with ability for creative writing.
- Faculty of the Department is engaged in research and publication.
- Outstanding achievement by students at University, State and National Level.
- Participation of faculty and students in commercial theatre, serials and Marathi films.
- Participation and achievement of students in various programmes hosted by different channels, companies, brands, etc.

Weaknesses:

1. Lack of awerness about drama among girl students and lack of family encouragement to students for enacting drama.
2. Lack of permanent faculty.
3. Lack of technical equipments.
4. Lack of well-equipid theatre.
5. Less financial resoruces.



Opportunities:

- Opportunity students in commercial theatre, serials and feature film script and dialouge writing.
- Opportunity for students for acting in movies and screen plays.
- Arrange film making workshops, workshops on theatre acting and film acting.
- To create interest about theatre among general students of UG and PG

Challenges:

- Decreasing awaerness in students regarding theatre and acting.
- Creating proper employability in this field.
- To produce commercial plays.

Future Plan

- To organize national drama festival.
- To organize workshop on making of short films.
- To organize national level theatre acting workshops.
- To organise a state level one act play competition in the college campus.
- To seek tie-up with National School of Drama, Delhi.
- To establish a Folk Theatre Academy.
- To offer a diploma in Marathi Folk Theatre.

**DEPARTMENT OF PHYSICAL EDUCATION & SPORTS**

- Name of the department : **PHYSICAL EDUCATION & SPORTS**
- Year of Establishment : **1961**
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **Sports & Games for UG and PG level Students.**
- Names of Interdisciplinary courses and the departments/units involved – **Nil**
- Annual/ semester/choice based credit system (programme wise) : **Semester System (Sports & Games competition : Yearly)**
- Participation of the department in the courses offered by other departments. : **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil**
- Details of courses/programmes discontinued (if any) with reasons. : **Nil**
- Number of Teaching posts

Position	Sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Director of Physical Education	01	01
Lady Coach and Gym Instructor (Fix Pay)	02	02

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Shirsath S. N.	B.A., M.P.Ed Ph.D	College Director of Physical Education	Wrestling, Judo, Weight Lifting, Cricket. (Sports & Games Management, Coaching and Training)	Junior- 8yrs senior- 5yrs
Mrs. Pawar R.T.	B.A., M.P.Ed M.Phil.	Lady coach (Fix Pay)	Kabbaddi and Athletics	05 years
Kothule S.S.	B.Com. M.P.Ed M. Phil.	Gym Instructor (Fix Pay)	Gym Training and Gymnastics	03years



11. List of senior visiting faculty: **Nil**
12. Percentage of teaching & training done and practical coaching sessions handled (programme wise) by temporary faculty : **45%**
13. Student -Teacher Ratio (programme wise) :

2010-2011	2011-2012	2012-2013	2013-2014
60:01	84:01	99:01	82:01

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **01**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Staff with Ph.D	Staff with PG	M.Phil
01	00	02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Title /Subject	Name of PI/Co-PI	Funding Agency	Period/date of Completion	Grant/Amount Mobilized (Rs. lakh)
Comparison of the anxiety of the inter university players of maharashtra	PI- Dr. K.B. Zarikar Co-I- Dr. S.N. Shirsath	UGC	31/1/2013 Ongoing	6,09,200/-

17. Departmental facilities/projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received.

Departmental Project	Funded by	Total Grand Sanction	Total Grand Received
Sports Equipment Grant	UGC	5,00,000/-	5,00,000/-
Construction of Outdoor Sports Facilities (Athletics Track)	UGC	40,00,000/-	20,00,000/-

18. Research Centre /facility recognized by the University : **Nil**

19. Publications:

a) Publication per faculty:

Details	Dr. S.N. Shirsath	Prof. S.S. Khotule	Prof. Miss R.T. Pawar
Publication	11	01	--

* Number of papers published in peer reviewed journals (national /international) by faculty and students: **05**

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**

* Monographs **Nil**

* Chapter in Books **Nil**

* Books Edited **02**

* Books with ISBN/ISSN numbers with details of publishers **Nil**



- * Citation Index **Nil**
- * SNIP **Nil**
- * Impact factor **Nil**
- * h-index **Nil**
20. Areas of consultancy and income generated **Nil**
21. Faculty as members in
- a) National committees **Nil**
- b) International Committees **Nil**
- c) Editorial Boards....
1. Life Member of Indian Federation of Computer Science in Sports , Osmania University, Hyderabad.
 2. Life Member of National Association of Physical Education and Sports Science. (NAPESS)
22. Student projects
- c) Percentage of students who have done in-house projects including inter departmental/programme : **Nil**
- d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : **Nil**
23. Awards / Recognitions received by faculty and students: **Shiv Chhaatrapati Award Winners**
(The highest award offered to sportswomen by Govt. of Maharashtra)

Sr. No.	Names of players	Games and Sports	Year
1.	Dr. Vijay Bhimrao Pathrikar	Organizer in Kabaddi	1988-89
2.	Dr. Makrand Shrikrishna Joshi	Gymnastic	1993-94
3.	Mr. Shirish Bhaskarrao Boralkar	Organizer in Cricket	1996-97
4.	Miss. Deepali Murlidhar Rokade	Cricket	1996-97
5.	Miss. Rucha Shinde	Cricket	1997-98
6.	Miss. Krupa Deenkar Telng	Badminton	2002-2003
7.	Mr. Rangeet Jayaji Pawar	Gymnastic	2002-2003
8.	Mr. Rutuparn Bhagyaravi Kulkarni	Badminton	2004-2005
9.	Miss. Sharvri Bhagyaravi Kulkarni	Gymnastic	2005-2006
10.	Mr. Parshuram Chadrabhanrao Wakhure	Organizer in Kabaddi	2006-2007
11.	Dr. Aditya Shamsundar Joshi	Gymnastic	2006-2007
12.	Dr. Uday Parmeshwar Dongre	Fencing	2008-2009
13.	Mr. Tarak lakhanchandra Das	Gymnastic	2008-2009

- Miss Vidya Gujrathi received **The Best Player of Tournament Award** in Maharashtra State Krida Mahostav Basketball Tournament in 2013-14 at Nashik

**Students' achievement in sports and games at state & national level:**

Sr. No.	Year	Name of the student	Name of the Tournament	Achievements
1.	2010-11	Mr. Borde Suchir Sandu	All India Inter University fencing Tournament, (Jamu)	Gold Medal (Team)
2.	2010-11	Miss Manshi Manohar Mahadik	All India Inter University Taekwondo Tournament (Patiyala)	Silver Medal
3.	2011-12	Miss Jennfor Rodrigues	International Level Siram Wrestling Tournament	Participated
4.	2011-12	Miss. Prachi Satish Patil	Divisional National Tournament	Gold Medal
			Under 18 State Level Tournament	2 Gold Medal
			Open Women State Tournament (Athletics Javelin Throw)	Gold Medal
5.	2011-12	Miss. Sonali Murlidhar Parerao	Open National Pistol Shooting Tournament	3 Silver Medals
6.	2011-12	Mr. Wagh Sandeep Kacharu	All India Inter University Tournament,	Silver Medal
7.	2012-13	Mr. Thorave Pradeep Bhausahab	All India Inter Uni. Fencing Tournament, Patiyala	Silver Medal
8.	2012-13	Miss.Patil Prachi Satish	Mahashta State krida Mahostav, Athletics (Javelin)Nagpur	Silver Medal
9.	2013-14	Miss. Sonali Murlidhar Parerao	57 th National Pistol Shooting Tournament, New Delhi	Silver Medal Bronze Medal
			State level Pistol Shooting Tournament, Mumbai	Bronze medal
10.	2013-14	Miss. Mukta Ravindra Magare	India Under 19 Changlar Trophy, Rachi	Participated
			Senior National Cricket Tournament, Orisa	Tem Runner up
			West Zone under 19 Cricket Tournament, Bhvneshwar	Team Winner
			Maharashtra State Cricket Tournament, Badodara	Team Winner
11.	2013-14	Miss. Kulkarni Natasha Nitin	West Zone Inter-University Table Tennis Tournament, Aurangabad	Silver medal
12.	2013-14	Miss. Patil Prachi Satish	West Zone Athletics (Javelin) Tournament, Badodara	Silver medal
			State level Women Tournament, Osmanabad	Gold medal



			Maharashtra State Krida Mahostav, Nashik	Bronze medal
13.	2013-14	Miss. Shevtekar Apurva Avinash	Women State Gymnastics Tournament	Gold Medal
14.	2013-14	Miss. Martin Jade Juliana	Maharashtra State Krida Mahostav, Basketball Nashik	Bronze Medal
15.	2013-14	Miss. Gujrathi Vidya Ashok	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
16.	2013-14	Miss. Borude Mayuri Dattatray	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
17.	2013-14	Miss. Birote Pooja Anil	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
18.	2013-14	Miss. Thote Deepali Arvind	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
19.	2013-14	Miss. Mundle Supriya Sanjay	Maharashtra State Krida Mahostav Basketball Tournament	Bronze Medal
20.	2013-14	Miss. Gaikwad Priya Kisan	Sr. State level Women Archer Tournament, Faltan	Silver Medal
21.	2014-15	Miss. Sonali Murlidhar Parerao	18 th National Pistol Shooting Tournament, Pune	Gold Medal
			4 th Gun for Glory National Pistol Shooting Tournament, Pune	Individual Gold Team Silver
22.	2014-15	Mr. Taksande Suraj Deepratna	Maharashtra State Gymnastics Tournament, Sangali	Gold Medal
			National Gymnastics Tournament, Hyderabad	Silver Medal
23.	2014-15	Miss. Mukta Magare	T-Twenty Cricket National Women Tournament, Indor	Runner up
24.	2014-15	Mr. Patil Suraj Sanjay	Maharashtra State Inter-University Fencing Tournament	Gold Medal
25.	2014-15	Mr. Laghane Rameshwar Dhupchand	Maharashtra State Inter-University Fencing Tournament	Gold Medal
26.	2014-15	Mr. Aher Tushar Raosaheb	Maharashtra State Inter-University Fencing Tournament	Bronze Medal



			All India Inter-University Fencing Tournament	Bronze Medal
			Youth National Fencing Tournament, Nashik	Bronze Medal
27.	2014-15	Mr.Patil Avinash Ajinath	Maharashtra State Inter-University Athletics Tournament	Bronze Medal
28.	2014-15	Miss. Mamata Markad	Maharashtra State Jenner Tournament, Sindnurdurg	Gold Medal
			National level Power Lifting Tournament	Bronze Medal
29.	2014-15	Miss. Apurva Shevtekar	Maharashtra State Women Gymnastics Tournament, Nagpur	Team Gold
30.	2014-15	Miss. Rutuja Mahajan	Maharashtra State Women Gymnastics Tournament, Nagpur	Team Gold

24. List of eminent academicians and scientists / visitors to the department:

Sr. No.	Name of Visitors	Areas
1	Mr. Janak Tekale	Deputy Director of Sports, Pune.
2	Dr. S.S. Sheakh	Dean Faculty of Phy.Edu Dr. B.A.M. University, Aurangabad.
3	Dr. Appasaheb Humbe	MC Member of Dr. B.A.M. University, Aurangabad.
4	Dr. Yashwant Kallepawar	Dean Faculty of Phy. Edu. S.R.T. University, Nanded.
5	Dr. Manoj Reddy	Director of Sports S.R.T. University, Nanded.
6	Dr. Pradeep Deshmukh	MC Member S.R.T. University, Nanded
7	Mr. C.R. Kurmi	S.A.I Archery Coach, Aurangabad.
8	Mr. Balasaheb Ladage	Secretary Maharashtra Wrestling Federation
9	Dr. Uday Dongare	Secretary Maharashtra Fencing Federation
10	Dr. Chandrajeet Jadhav	Secretary Maharashtra Kho-Kho Federation
11	Dr. Makrand Joshi	International gymnastics Referee

25. Organization and conducting of sports and games competition:

Sr. No.	Year	Nature of Sports and Games Competition Conducted	Level	Duration	Place
1.	2010-11	Taekwondo	Inter - Collegiate	27 July 2011	Deogiri College Aurangabad



2.	2011-12	Basketball	Inter - Collegiate	3-6 Oct 2011	Deogiri College Aurangabad
3.	2011-12	7-A Side Football	Inter Group	20-24 Nov. 2011	Deogiri College Aurangabad
4.	2011-12	M.S.P. Mandal's Divisional Inter School Competition	Inter Group	24-25 Dec. 2011	Deogiri College Aurangabad
5.	2012-13	Basketball	Inter - Collegiate	25-27 Sept. 2012	Deogiri College Aurangabad
6.	2012-13	Judo	Inter - Collegiate	20 Oct 2012	Dept. of Sports Dr. B.A.M. University, Aurangabad
7.	2012-13	7-A Side Football	Inter Group	20-24 Nov. 2012	Deogiri College Aurangabad
8.	2013-14	Weight-lifting, Power Lifting & Best Physiques (Men)	Inter - Collegiate	26-27 Dec. 2013	Deogiri College Aurangabad
9.	2014-15	Cricket (Women)	Inter - Collegiate	11-12 Sept. 2014	Deogiri College Aurangabad
10.	2014-15	Basketball (M,W)	Inter - Collegiate	29-30 Sept. 2014	Deogiri College Aurangabad

26. Student profile programme/course wise:

Sr. No.	Level of the Tournament	2010-11		2011-12		2012-13		2013-14		2014-15	
		P*	A*	P*	A*	P*	A*	P*	A*	P*	A*
1.	International	0	0	1	0	0	0	1	0	0	0
2.	National	28	2	33	4	33	2	32	4	43	8
3.	State	8	2	6	3	8	6	15	11	23	8
4.	University/ Inter College	203	54	186	50	152	86	166	86	250	122
Total		58		57		94		101		138	
Grand Total		448									
P= Participation, A= Awards, Prizes, Achievement											



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Sports and Games	100%	nil	nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

1. Ms. Komal Shinde, PSI, Hingoli, 2012
2. Miss. Rupali Rane, Aurangabad City Police, 2013
3. Miss Mansi Mahadik, Asst. Prof. Deogiri College, Aurangabad. 2014
4. Mr. Abhijeet Dikkhat, Volleyball coach, Dr. B.A.M.U. Aurangabad. 2013
5. Mr. Nitin Niravane Athletic Coach Dr. B.A.M.U. Aurangabad. 2010
6. Mr. Vishal Kotagade, Asst. Manager, Shakar Bhawan, Pune.

29. Student progression

Student progression	Against % enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed	
Campus selection	
Other than campus recruitment	20
Entrepreneurship/Self-employment	30

30. Details of Infrastructural facilities

- a) Library: Books available with Central Library
 - b) Internet facilities for Staff & Students- **Yes**
 - c) Class rooms with ICT facility- **Yes**
 - d) Laboratories - **Nil**
- The department has a well equipped Multi Gym, Table tennis Hall, Judo, Boxing, Wrestling; chess playing facility and running/ Jogging Track for Athletic activities and Football field as well as open space for multiple Physical activities. The department has Basketball, volley ball, Loan Tennis court as well as two cricket practice Net. The contract faculty takes lecture and practical assignments regularly in the class and on the play field for the physical education subject students.
 - Department has a separate store room enriched with required Equipments and tools need in whole year to the students for game & sports practice and practical purpose.
 - Department also has a separate office for College Director of Physical Education.



Sr. No.	PARTICULARS	SIZE	Quantity
1.	Grass Ground	100 X113 M.	1
2.	Football Ground	90X 60 M.	1
3.	Cricket Practice Net (Pitches)	11X 11 M.	2
4.	Athletics Grass Running Track (200mts.)	(200mts.)	1
5.	Basketball Court	28X15 M.	1
6.	Tennis Court	78X 36 F.	1
7.	Hockey field	50X 30 Y.	1
8.	Volleyball Court	9X18 M	1
9.	Kabbadi Court	13X10 M.	1
10.	Multi-Gym Hall	47x30 F.	1
11.	Multipurpose Hall (Table Tennis, Wrestling, Judo, Chess etc.)	36X 30 F.	1
12.	Changing Room Boys	14x10 F.	1
13.	Changing Room Girls	14x10 F.	1
14.	Store	14x10 F.	2
15.	Office for College Director of Physical Education (Head)	14x10 F.	1

31. Number of students receiving financial assistance from college, university, government or other agencies: **College: 12**
32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:
- Organization of special training sessions.
 - Practice matches for cricket, judo, basketball, wrestling, weightlifting, etc.
 - Organization of yoga camp and orientations on multigym usage.
33. Other Co-curricular Activities.:
- Organization of intramoral matches of various games in the campus.
 - Organization of Yoga camp for students and staff.
34. Teaching methods adopted to improve student learning-
Teaching, Training & Coaching by PPT, Video clips from YouTube, and Dummy Practice Sessions and visits to the Sub Centre, Sports Authority of India.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities : **Yes**
Students take part in many social, and youth development activities such as blood donation, social rallies, campus cleanliness, voting awareness programmes, health awareness, etc. The student also take part in nation building activities like observing national days and celebrations of festivals, Shastra Pooja on Dassara, cultural activities in Ganesh festival, etc.



36. SWOC analysis of the department and Future plans

Strength

- Faculty members are well qualified & experienced and well versed to new technologies.
- Availability of well equipped gymnasium.
- Well equipped indoor Wrestling, Judo and Table tennis hall.
- Sports and Games books reference facility.
- Regular Practice of popular and expertise Games & Sports.
- Participated in maximum sports & games at Inter collegiate/ Inter University, state and national level.
- Students' participation in State/National level in every year
- More participation of girl students at state and national level.
- Availability of advanced equipments for sports & games training.

Weakness

- Lack of space for development of more sports and games facilities.
- Lack of recognition as research laboratory to the department by affiliated University. .
- Lack of awareness among students and parents towards the Physical Education and Sports.
- Unavailability of hooting range for pistol and rifle shooting.
- Single permanent faculty department.

Opportunities

- To streamline health awareness programmes by the department.
- To create indoor sports facility in the campus for better performance of students.
- To make the department as a national level centre for games and sports.
- To run Yoga practice and training centre in the college.
- To promote research by establishing research centre.
- Development of special Sports Training facilities for Police recruitments.

Challenges

- Rural talent search in Sports for elite level preparation.
- To motivate parents and society to come forward for the development of health through physical Education and Sports.
- Establishment of Sports training centers of popular Olympic Sports.
- To make standard Indoor shooting range due to lack of space.

Future Plan

- To organize Seminar/Conf./Workshops on physical education and sport technology are to be organized.
- U.G.C. research projects are to be prepared by faculties.



- Guest lectures by eminent sportsmen like Chatrapati Award winners are to be organized.
- To organize more State/ National level Sports & Games Tournaments.
- To make standard Indoor shooting range.
- To create indoor sports facility in the campus.



POST ACCREDITATION INITIATIVES

The NAAC peer team visited the college during 18 – 20 Feb, 2010. The team made certain recommendations for quality enhancement of the institution. The suggestions and recommendations made by the team have been taken care of by the college.

- The institution has embarked upon the proper initiatives in the direction of receiving autonomy. The institution organized a meet of the Principals, staff and management from five different colleges. The management is in talk with experts, academicians and educationists for preparing the college to be able to receive autonomy.
- College commenced two vocational programmes called Bachelor of Vocation in Jewellery Designing and Gemology and Multimedia and Animation; Sanskrit is introduced at UG level as an optional subject. College also started two PG courses in Mathematics and Geology.
- College has introduced 17 need based and locally relevant short term certificate courses under Career Development Programme.
- The faculty from the departments like Biotechnology and Chemistry are actively engaged in interdisciplinary research.
- Duplication of academic departments at U.G. and P.G. levels is avoided and integration is taken up.
- Student mentoring system is strengthened through proper ‘Student Mentoring Programme’.
- Alumni Association is formalized and registered.
- Language laboratory is expanded with advanced language lab software called ORELL.
- Community outreach programmes are streamlined.
- Long term perspective plans and strategies are formulated and a mechanism is developed to observe and check the proper execution of planned activities and strategies.

SIGNIFICANT QUALITY SUSTENANCE AND ENHANCEMENT MEASURES UNDERTAKEN DURING THE LAST FOUR YEARS

I. Curricular Aspects:

- Established Academic Council to look after various tasks like curriculum planning and implementation. It also proposes need for new courses, invites proposals, sanctions them and looks after their proper implementation.
- College as per the directions by Academic Council commenced seventeen short term certificate courses.



- College introduced two vocational UG programmes entitled Bachelor of Vocation in Jewellery Designing and Gemology, and Multimedia and Animation. College faculty played a crucial role in designing curricula for the programmes.
- New programmes in M.Sc Mathematics and Geology.
- Sanskrit introduced at UG level as an optional subject.
- Sought radical change and revision in the college website developing library page artistically.
- Conference on Water Management and Interlinking of Rivers.
- Gandhi Study Centre offering a diploma and a certificate course in Gandian ideology and thoughts.
- Intensive orientation programmes on teaching and teaching methodology in various subjects.
- Feedback on curriculum is sought from academicians from other universities, industries, experts, etc.

II. Teaching, learning and Evaluation:

- **Motivational Bridge Course in Mathematical Methods in Physics and Laboratory Practices** in association with **Indian Association of Physics Teachers RC-8**.
- Properly identified mechanism of remedial coaching.
- Continuous organization of faculty training and orientation programmes.
- External audit of teaching-learning process by ISO.
- Institutional award to teachers and non-teaching staff for outstanding execution of their duties.
- Equal opportunity centre.
- Twenty two classrooms are ICT enabled.
- Well furnished Rabindranath Tagore Auditorium.
- Financial assistance to students' research projects.
- Special motivational and training sessions for students preparing for Public Speaking competition.
- Extensive organization of study tours, industrial visits and field visits.
- Purchase of sophisticated instruments at laboratories.
- Use of ICT in teaching-learning process.
- Conference on Functioning of Parliament.
- Organization of film festivals 'Text into Film'.

III. Research, Publication, Consultancy and Extension:

- Radical shift in research.
- Promising contribution in research through minor and major research projects.
- National Seminar on Research Libraries.



- Ten University recognized Ph.D research centres.
- Extensive orientation programmes on research and research methodology.
- Promotion of individual research activities.
- Financial assistance to teachers for paper presentations in conference and seminars.
- Effective outcome of collaborative research.
- Books written by the faculty are published by renowned publishers.
- Enhancement of museums at the Department of History and the Department of Geology.
- Active participation in community welfare programmes and notable contribution in social responsibility.
- MoUs and collaborations with different institutions and industries.
- Free extension services by Department of Geology offering consultancy in selecting sites for dug wells and borewells.
- MoU and collaboration with foreign university and institutes.
- Establishment of Central Research Laboratory and four special research laboratories.
- Regular organization of blood donation camps by NSS and NCC.
- Adoption of village form drought affected area.
- Provision of library facilities to Old People's Home.
- Donation of books to needy institutes and public library.
- Contribution to relief fund for drought affected area.
- Consultancy by offering sample analyses at Central Research Laboratory to industries and research institutes.
- Extensive organization of various activities to spread awareness about gender equality and sensitization through the programmes like *Jagar Janivancha*.

IV. Infrastructure and Learning Resources:

- Effective use of infrastructure and development of various facilities.
- Increase in classrooms.
- Increase in ICT enabled classrooms.
- Extension of library.
- Extension of Girls' and Boys' hostels.
- Commencement of construction of a new girls' hostel.
- Establishment of Central Research Laboratory.
- Library up-gradation with 100% computerization with catalogue search service.
- Participating in resource sharing network of INFLIBNET such as N-LIST.
- Twenty computers with internet connectivity in reading hall.



- Resource sharing consortia for remote access with the Library, Dr. B. A. M. University, Aurangabad.
- Press clipping, previous question papers, syllabus, photo gallery made available on webpage of the library.
- Access to e-resources.
- CCTV/ Surveillance Camera.
- Online Public Access Catalogue.
- Intranet Services.
- Water purifiers with central water purifying unit.
- Separate career counselling and placement cell with qualified training and placement officer.
- Subscription to e-journals.
- Strengthening of museums at Department of History and Geology.
- Health Centre with regular doctor.
- English language laboratory with advanced language software.
- Health and fitness centre at college and girls' hostel.
- Well developed play ground.
- Construction of walking track around the ground for citizens to take morning and evening walk.
- Provision of necessary infrastructure for new programmes like B.Voc.
- Construction of water recycling unit.
- Implementation of rainwater harvesting project.
- Four special research laboratories.
- Solar panels at boys' and girls' hostels.
- Development of reading hall at girls' hostels.

V. Student Support and Progression

- Financial support to Sports students and students participating in cultural activities.
- Student mentoring system.
- Catch on the Gate.
- Apex Career Academy.
- Eighteen value and skill oriented courses.
- Two diploma courses.
- Electronic resources for the visually challenged students.
- Psychological and personal counselling centre.
- Services of a regular doctor at Health Centre.
- Financial assistance to students' projects.
- Regular organization of campus placement drives.
- Entrepreneurship development lecture series.
- Lecture Series by CA for Commerce students.



- Regular organization of students' study tours, industrial visits and field visits.
- Financial assistance to students for participation in Literary Meets, functions of various associations, etc.
- Provision of vehicle to physically challenged students.
- Dissemination of information about vacancies in various Government and non-Government offices.
- Demonstrations and Exhibitions of science experiments to School students.
- Late Vinayakrao Patil Debate and Elocution Competition.
- Equal Opportunity Centre.
- Marathwada Yuva Vakta.
- Wi-Fi services to students to access college repository.
- Two NCC units for girls and boys.
- NSS unit with 200 boys and 100 girls volunteers.
- Hostel fees concession to economically backward students and students from rural area.

VI. Leadership, Administration and Management:

- Well defined policy for governance.
- Decentralization of management.
- The concepts of Academic Council and Coordination Committee.
- Encouragement to students to participate in various students' activities and movements like SFI, Vidyarthi Sena, ABVP, etc.
- Faculty representation of various academic and non-academic bodies.
- IQAC as a catalyst for many innovative and regular activities.
- College level academic information management system.
- ISO 9001:2008 certification.
- Long term perspective planning.
- Registered alumni association.
- Fine coordination among various committees, HoDs and faculties.

VII. Innovation:

- Feeders and water pots for birds.
- Rainwater harvesting.
- Used water recycling plant.
- Plastic and tobacco free campus.
- Waste management system with vermicompost plant.
- 'Catch on the Gate'.
- Two innovative UG programmes entitled B.Voc in Jewellery Designing and Gemology and Multimedia and Animation.
- Demonstration and exhibition of science experiments to school students.



- Provision of library facilities to Old People's Home.
- Green audit – water audit, energy audit, waste management.
- Registration of alumni association.
- Introduction of short term courses.



Marathwada Shikshan Prasarak Mandal's
DEOGIRI COLLEGE, AURANGABAD
Station Road, Aurangabad, M.S. 431005

DECLARATION OF THE HEAD OF THE INSTITUTION

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this SSR during the peer team visit.

Date: 20/05/2015

DR. M. L. JADHAV

Place: Aurangabad.

Principal



Marathwada Shikshan Prasarak Mandal's
DEOGIRI COLLEGE, AURANGABAD
Station Road, Aurangabad, M.S. 431005

Certificate of Compliance

This is to certify that **M.S.P. Mandal's Deogiri College, Aurangabad** fulfills all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body (such as UGC, NCTE, ACTE, MCI, DCI, BCI, etc.) and
3. The affiliation and recognition is valid as on date.
4. In case the affiliation/recognition is withdrawn by the authority concerned the same will be informed to NAAC immediately.

In case the affiliation/recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institutions will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 20/05/2015.

Place: Aurangabad.

Dr. M. L. Jadhav
Principal



Ph. 2226654, 2253590, 2228744, 2222414
2222774, 2222257, 2222274, 2222414
UGC Website: www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग
बादशह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F. 1-1/2004 (CPP-I)
December, 2008

The Principal,
Deogiri College,
New Railway Station Road, Aurangabad,
Distt. Aurangabad,
Maharashtra

Sub: Recognition of Deogiri College, New Railway Station Road, Aurangabad, Distt. Aurangabad, Maharashtra, under Section 2 (f) & 12 (B) of the UGC Act, 1956.

Sir,

With reference to your letter No. D.C.A/2008-09/1497 dated 17.12.2008 on the above subject, I am directed to say that the name of **Deogiri College, New Railway Station Road, Aurangabad, Distt. Aurangabad, Maharashtra**, is included in the list of Colleges maintained under Section 2 (f) & 12 (B) of the UGC Act, 1956 under the head Non-Government Colleges teaching upto Post Graduate level. The College is also eligible to receive Central assistance under Section 12 (B) of the UGC Act.

Yours faithfully,


(P.K. Sharma)
Under Secretary





NAAC Certificate Letter

Dr. Babasaheb Ambedkar Marathwada University

(NAAC Re-Accredited "A" Grade)

Academic Section (0240) 2403118/2403119
Registrar (Office) 2403334,(R.) 2400203
B.C.U.D. Office 0240-2403124,2403335
Fax (0240) 2403224, 2403334
Telegram BAMUSITY
Web Site www.bamu.net
E-mail bcud.office@bamu.ac.in



UNIVERSITY CAMPUS,
AURANGABAD-431 004
(Maharashtra) (INDIA).

ACAD/AFFIL/SELE.COMM./K.T.B./2014-15/31531

Date : 10-11-2014

TO WHOM IT MAY CONCERN

This is to certify that M.S.P. Mandal's Deogiri College, Aurangabad is affiliated to the **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra Since 1960** and recognized by the University Grants Commission and the following Courses / Subjects are taught in the said college as per approval.

Sr. No.	Name of the Courses[s] and Duration	Affiliation.	Period of Validity for the year[s]
		Permanent / Temporary	
01	Three year B.A. Courses in Marathi, English, Hindi, Psychology, Sociology, History, Economics, Political Science, Public Administration, Physical Education	Permanent	--
02	Three year B.A. Course in Sanskrit Dramatics, Music, Home Science.	Temporary.	--
03	Three Year B.Com General Course.	Permanent	--
04	Three year B.Sc. Courses in Physics, Chemistry, Mathematics, Zoology, Botany, Microbiology, Environment Science, Geology, Electronics, Instrumentation Practice, Analytical Chemistry, Computer Science.	Permanent	--
05	Three year B.Sc Courses in Biotechnology, Bioinformatics, Computer Science (B.C.S.), Information Technology.	Temporary	2014-15
06	Three year B.B.A. general course	Temporary	2014-2015
07	Three year B.C.A. (Management) general course.	Temporary	2014-2015
08	Three year B.C.A. (Science) general Course	Temporary	2014-15
09	Two year M.Sc. Course in Physics, Two year	Permanent	




NAAC Certificate Letter

	M.A. course in Sociology, English, Political Science, History, Marathi and Hindi, Two year course in M.Com.		--
10	Two year M.Sc. Course in Botany, Chemistry, Zoology, Electronics, IT, Biotechnology, Biochemistry, Microbiology, Bioinformatics, Computer Science, Mathematics, Geology, Environment Science.	Temporary	2015-15
11	Two year M.A. course in Psychology.	Temporary	2014-15
12	One Year Diploma entitled D.B.M.	Permanent	--

Ref. Acad/Affi/YSS/2014-15/

Dated :


 Director,
 Board of Colleges &
 University Development.

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www.iqglobal.com www.jas-anz.org/register

Certificate of Compliance

INTEGRATED QUALITY CERTIFICATION PVT. LTD.

Hereby Certifies that the Quality Management Systems of

Marathwada Shikshan Prasarak Mandal's Deogiri College

Railway Station Road, Aurangabad - 431 005,
Maharashtra, INDIA.

has been assessed and conforms to the
quality management systems standard
ISO 9001 : 2008

Scope: Providing Educational Services for Graduation and Post Graduation
in Arts, Commerce & Science.

EA/NACE Code	: 84/8431, 8432
Exclusion(s)	: 7.3
Certificate Number	: IND/QMS/JAS-C1536/RC1/0094
Last Issue date	: 19.12.2009
Issue date	: 09.12.2012
Expiry date	: 18.12.2015
Attachment(s)	: None



C.S. Venkatesh Murthy
Executive Director

This certificate is valid subject to periodic surveillance audits of the quality management systems within the above defined scope as per the agreed contract terms and conditions. The organisation shall provide written notification to Integrated Quality Certification Pvt. Ltd. of any significant changes which have impact on the scope of this certificate of compliance.

Corporate Office : Platinum City, G/13/03, Site # 02, Next to CMTI, HMT Road, Yeshwanthpur Post,
Bangalore - 560 022, INDIA. Tel : +91(80) 41172752, 41277353 Fax : +91(80) 41280347
Email : iqccorporate@iqglobal.com Website : www.iqglobal.com

Please visit www.iqglobal.com and / or www.jas-anz.com
to verify the authenticity and validity of this certificate of compliance



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council*

on the recommendation of the duly appointed

Peer Team is pleased to declare the

M. S. P. Mandal's Deogiri College

Aurangabad, affiliated to

Dr. Babasaheb Ambedkar Marathwada University, Maharashtra as

Accredited¹

at the B⁺ level².

(among the Affiliated / Constituent Colleges)

Date : March 21, 2003



Malinai

Director

1. This certification is valid for a period of Five years with effect from the academic year 2002 - 2003.
2. An institutional score (%) in the range of 55-60 denotes C grade, 60-65 - C⁺ grade, 65-70 - C⁺⁺ grade, 70-75 - B grade, 75-80 - B⁺ grade, 80-85 - B⁺⁺ grade, 85-90 - A grade, 90-95 - A⁺ grade, 95-100 - A⁺⁺ grade (upper limits exclusive).





Peer Team Report
On Institutional Re-accreditation of
M.S.P. M's Deogiri College,
Station Road, Aurangabad.
Maharashtra – 431005.

Peer Team Visit Dates:
February 18 – 20, 2010

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
P.O. Box No. 1075, Nagrabhavi, BANGALURU - 560 072




PEER TEAM REPORT ON Institutional Re-Accreditation of M.S.P.M's Deogiri College, Station Road, Aurangabd.Maharashtra - 431005	
Section I: General Information	
1.1 Name & Address of the Institution	M.S.P.M. Deogiri College Railway Station Road Aurangabad, Maharashtra - 431 005
1.2 Year of Establishment	June 22, 1960
1.3 Current Academic Activities at the Institution (Numbers);	
• Faculties / Schools	3: Science, Arts, Commerce
• Departments/Centres	31
• Programmes/Courses offered	PG <input type="checkbox"/> UG <input type="checkbox"/> Research <input type="checkbox"/> Others Total 31
• Permanent Faculty Members	63 + 103 temporary teachers.
• Permanent Support Staff	120
• Students	4573
1.4 Three major features in the institutional context (As perceived by the Peer Team)	<ul style="list-style-type: none">• An urban co-educational college affiliated to Dr. B.A.M University, Aurangabad, Offering several U.G., P.G., P.hD programmes and job oriented diploma/ certificates courses under grant in aid and self financing streams.• Largest college with 4573 students, celebrating Golden Jubilee, providing access to higher education to socially and economically backward students from urban and rural areas.• Managed by the largest educational agency in Marathwada region and focusing on providing educational facility to different strata in the society.
1.5 Dates of visit of the Peer Team (A detailed visit schedule may included as Annexure):	18 th - 20 th February 2010.
1.6 Composition of the Peer Team which undertook the on-site visit:	
Chairperson	Prof.K. Kunhikrishnan
Member Co-Ordinato	Prof. H.M. Rajashekara
Member	Dr. S. S. Jain
NAAC Co-Ordinating Officer	Dr. Sujata P. Shanbhag

[Signature]
26.2.10




2.1 Curricular Aspects	
2.1.1 Curricular Design & Development	<ul style="list-style-type: none">• College follows the curriculum prescribed by the affiliating University.• Several teachers contribute to the design and development of curriculum as Chairmen/Members of BOS.• Faculty members are holding various positions in University bodies which play key role in curriculum design and update.• College has designed curriculum for few diploma/certificate programmes.
2.1.2 Academic Flexibility	<ul style="list-style-type: none">• 10 U.G., 20 P.G. and 12 career oriented programmes, 2 diploma course and research in various departments offered.• Flexibility given both under regular and self-financing programmes and Students can move from one discipline to another.• College is under University's control in academic management.
2.1.3 Feedback on Curriculum	<ul style="list-style-type: none">• Students give feedback in the proforma developed by the college.• Suggestion received by various stake holders is conveyed to the University, through faculty members who are members of Senate, BOS, academic council and Executive council.• Systematic analysis of feedback is to be done to enrich active classroom learning.
2.1.4 Curriculum Update	<ul style="list-style-type: none">• Curriculum update has been made in 23 UG and 11 PG subjects.• UGC norms and job skills being incorporated.• College framed own syllabus in music, drama and other COP courses.
2.1.5 Best Practices in Curricular Aspects (If any):	<ul style="list-style-type: none">• College has introduced several need based programmes.• Language lab an virtual learning provided.
2.2 Teaching-Learning & Evaluation:	
2.2.1 Admission Process and Student Profile	<ul style="list-style-type: none">• Percentage of different categories of students include: economically weaker sections 40 to 45 reserved category 45, minorities 13.6, girls 47.25, rural 55, urban 45 and differently-abled 0.25.• Admission process is transparent based on merit basis,


20.2.10



	<p>entrance test, common entrance test and interview.</p> <ul style="list-style-type: none">Girls form about 45% of student population.
2.2.3 Teaching-Learning Process	<ul style="list-style-type: none">Learning is made student centric by promoting project-based learning, seminars, group discussions, field trips, industrial visits.College prepares its academic calendar well in advance and teaching plan is prepared by the teachers.Computer assisted learning and use of virtual classroom and ICT enabled learning in use.
2.2.4 Teacher Quality	<ul style="list-style-type: none">40 teachers with Ph.Ds, 8 possess M.Phil. and 11 have cleared NET/SLET exams.College has organized 5 national and 24 state level seminars and 11 workshops with the financial assistance from UGC and other agencies.Many teachers have won awards and recognition and 4 teachers presented research papers abroad and 80% of the faculty members have acted as resource persons at academic staff college of the University,About 60 teachers employed as temporary faculty engaged for P.G. teaching.
2.2.5 Evaluation Process and Reforms	<ul style="list-style-type: none">21 programmes offered under semester system and 08 under annual system and Choice-based credit system is adopted in 3 courses.Students can get photo copy of their assessed answer sheet on demand and grievances of students are redressed at the University level.Affiliating University rules followed in the conduct of exams and received ideal exams center award from the University.
2.2.6 Best Practices in Teaching-Learning and Evaluation (If any)	<ul style="list-style-type: none">ICT enabled learning visible and virtual classroom present.Choice based credit system introduced.
2.3 Research, Consultancy & Extension:	
2.3.1 Promotion of Research:	<ul style="list-style-type: none">College has its own research committee to promote and monitor the research activities and 23 teachers from 12 Departments have been recognized as research guides by the University.During the last 6 years 5 minor and 1 major research projects have been completed with an outlay of Rs.5,08,000/- and 7 major and 12 minor ongoing projects with an outlay of


20.2.10



	<p>Rs.75,79500.</p> <ul style="list-style-type: none">• College being considered by UGC under Potential of excellence scheme.• College provided leave facilities and financial assistance to attend seminars, conferences and to publish books.• Inter disciplinary research to be encouraged.
2.3.2 Research and Publications Output	<ul style="list-style-type: none">• Published 151 papers in journals during 2003-09 (international 33, national 48 and the rest state level) and 40 books by faculty.• Departments of Chemistry, Botany, Hindi, Marathi, Political Science, Sociology, Psychology, Zoology, Geology, Biotechnology have published good number of articles/books.• 7 major and 12 minor research projects are in progress and 5 minor and 1 major projects have been completed.• Inter departmental collaboration required.
2.3.3 Consultancy	<ul style="list-style-type: none">• Formal consultancy cell not present.• Few departments and faculty members do consultancy services.• Consultancy to be formalized.
2.3.4 Extension Activities	<ul style="list-style-type: none">• NSS and NCC students are undertaking various extension activities like blood donation, water conservation, AIDS awareness rally, communal harmony rally and health awareness programmes.• NCC cadets collected food grains and clothes for Orissa flood effected people, donated blood for people injured in terrorist attack in Mumbai.• Number of staff members delivered lectures on various awareness programmes for common public as their social responsibilities towards community.• Community outreach programmes to be expanded.
2.3.5 Collaborations:	<ul style="list-style-type: none">• Botany has formal collaboration with NCL , MOU with Agarkar institute Pune and few departments initiated linkage with national and international bodies.• Collaboration to be further strengthened.• Faculty to focus on collaborative programmes.
2.3.6 Best Practices in Research, Consultancy & Extension (If any)	<ul style="list-style-type: none">• Management provides financial support for research.• Adoption of a village under community developments.
2.4 Infrastructure and Learning Resources:	
2.4.1. Physical Facilities for Learning	<ul style="list-style-type: none">• Visible infrastructure provided in the heart of the city with classrooms and labs well equipped with furniture and


20.2.10



	<p>equipments.</p> <ul style="list-style-type: none">• Big hostels, students facility, library, computer facility, parking facility provided.• Staff provided with required facility.
2.4.2 Maintenance of Infrastructure	<ul style="list-style-type: none">• For maintenance of Infrastructure adequate funds are allocated.• Governing council to monitor the optimum utilization of the budget.• Academic ambience visible in maintance.
2.4.3 Library as a Learning Resources	<ul style="list-style-type: none">• The library has 76,320 books, 96 Indian journals, 9 foreign journals, 105 peer reviewed journals, e-resources including 355 CDs/DVDs, 50,000 databases, 815 materials for competitive examinations and partially automated with internet facility and open access system.• More space required for expansion.• Automation to be completed.
2.4.4 ICT as Learning Resources	<ul style="list-style-type: none">• 353 computers with LAN facility for 60 computers and all departments are provided computers with internet connectivity.• Virtual classroom and e-learning material available.• More systematic effort for e-learning required.
2.4.5 Other Facilities	<ul style="list-style-type: none">• College has auditorium (300 Capacity), Gymnasium outdoor and indoor games facilities, two canteens, Mahatma Gandhi Study Center, residential complex for boys & girls etc.
2.4.6 Best Practices in infrastructure and Learning Resources (IF any)	<ul style="list-style-type: none">• Establishment of Deogiri Apex career academy to provide coaching for competitive exam to S.C./S.T./O.B.C./ minority and economically weaker students.
2.5 Student Support and Progression:	
2.5.1 Student Progression	<ul style="list-style-type: none">• About 45% graduates opt for higher education.• About 49% of P.G. students and 45% of P.G. students belongs to S.C./S.T./O.B.C./ Minority group of the society.• Overall pass percentage is more than 80%, number of students have bagged merit positions in University.• Dropout rate around 5%.
2.5.2 Student Support	<ul style="list-style-type: none">• Scholarships, free ships and other types of financial aid are provided to SC, ST, OBC and others students.• The college develops entrepreneurial skills among students

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	<p>through UGC assisted 11 career-oriented courses.</p> <ul style="list-style-type: none">• Two students are getting Rajeev Gandhi research fellowship and 7 students are getting fellowship under U.G.C. and RGSTC projects.• Counseling service provided and earn while you learn scheme present.• Student mentoring to be further strengthened.
2.5.3 Student Activities	<ul style="list-style-type: none">• The college encourages students to participate in extension, sports and cultural activities both at university and national level.• Many students have won State Govt. 'Chatrapati Award' in sports.• Many students have won state level awards in games and sports and participated in University and all India level tournament.• To encourage creative skills of the students college publishes magazines' and wall magazine.
2.5.4 Best Practices in Student Support and Progression (If any)	<ul style="list-style-type: none">• Remedial coaching programmes for enhancing student life skills and counseling services.
2.6 Governance and Leadership	
2.6.1 Institutional Vision and Leadership	<ul style="list-style-type: none">• The M.S.P. Mandal is an institution with clear vision for quality education for the all round development of students and the Mandal is a committed institution for the overall growth of the college and Marathwada region.• The Principal, Vice-Principals and various committees take effective strategies in management.• Local governing council plays important role in supervision of the college.• Commitment visible.
2.6.2 Organizational Arrangements	<ul style="list-style-type: none">• Organizational structure is based on vertical and horizontal principles with the Management at the top.• 40 committees constituted to promote decentralized governance and excellent maintenance of old records.• Organizational hierarchy is well defined and each level has specific role to play.• Effective co-ordination and monitoring is carried out by the principal.


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2.6.3 Strategy Development and Deployment	<ul style="list-style-type: none">• Strategic development plan is collectively prepared on need-basis and feedback by stakeholders.• Long term and short term perspective plan to be developed.
2.6.4 Human Resources Management	<ul style="list-style-type: none">• Faculty performance is assessed by the Principal, Vice-Principals with the help of Registrar.• Loan facility through Staff Credit Society, financial support for attending seminars, etc., fee concession for the relatives of staff, maternity/earned leave, pension facilities provided.• Each department provided separate staff room.• Various staff welfare schemes available to motivate the staff members.• Steps to be taken to appoint regular permanent faculty.
2.6.5 Financial Management and Resources Mobilization	<ul style="list-style-type: none">• Government and UGC grants, fee from aided and self-funded courses form the financial resources of the college.• Accounts are audited by internal and government auditors.• Financial management is fully computerized.• Tally is used for receipt, payment and accounts.
2.6.6 Best Practices in Governance and Leadership (If any)	<ul style="list-style-type: none">• Decentralized governance through committees and healthy financial practices.
2.7 Innovative Practices:	
2.7.1 Internal Quality Assurance System :(IQAS)	<ul style="list-style-type: none">• IQAC acts as a nodal agency of the institution for quality-related activities and prepares annual quality assurance report.• The institution has been assessed and accredited by ISO.• IQAC functions to be further channelized.
2.7.2 Inclusive Practices	<ul style="list-style-type: none">• More than 50% of students from SC/ ST/ OBC/ minority groups.• College provides equal access to women, socially backward, economically weaker, minority and differently abled students.• Challenged students be provided with adequate facilities.
2.7.3 Stakeholder Relationships	<ul style="list-style-type: none">• Social perception positive and active involvement visible.• Right of information act in practice.• Monitoring campus activities through close circuit cameras.

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Section III: Overall Analysis	Observations
3.1 Institutional Strengths	<ul style="list-style-type: none">• Excellent, spacious and well-maintained infrastructure.• Availability of wide range of academic programmes.• Teachers' quality with research and professional development-orientation.• Adequate teaching-learning resources.• Adequate sports facilities for both boys and girls.• Adoption of inclusive policy.• Potential for excellence.
3.2 Institutional Weaknesses	<ul style="list-style-type: none">• No bridge courses.• Partial automation of library and in adequate provision for future development.• Insufficient Collaboration with industries and research institutions.• Large number of temporary faculty.• Little inter-departmental academic collaboration.
3.3 Institutional Opportunities	<ul style="list-style-type: none">• Inter-disciplinary research and courses.• Introduction of need-based, skill-oriented short-term courses.• Starting of PG Management programmes.• Mobilisation of resources from various funding agencies.• Promotion of more society-oriented outreach programmes.• More ICT oriented interactive learning.• Opportunity for linkage with reputed national / international institutions.• Linkage with social and academic bodies at national level.
3.4 Institutional Challenges	<ul style="list-style-type: none">• To establish linkages with industries and other agencies for better research and placement.• Creating more research facilities to promote research.• To bring the college up to national level in academics and research.• Student progression for higher studies and employment.• Women empowerment by appropriate academic programmes.

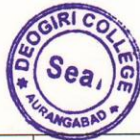
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20.2.10



Section IV: Recommendations for Quality Enhancement of the Institution
<ul style="list-style-type: none"> The institution may explore possibility to get autonomous status. New programmes in management, behavioral sciences, social work, women, → CPE. studies, regional studies and nano sciences may be initiated. Short term programmes in areas of local relevance to be started. CPE. Inter disciplinary research to be encouraged. central level. Duplication of academic departments at U.G. and P.G. levels to be avoided and integration be taken up. Departments be reorganized as 'schools' to promote new academic orientation and research. Student mentoring be strengthened. Alumni Association be formalized. - Association - Language laboratory be expanded to provide communication skills. Community outreach programmes be streamlined. - Extension - CPE. Long term perspective plan and strategies be formulated.

I agree with the observations of the Peer Team as mentioned in this report

Seal of the Institution



Signature of the Head of the Institution

Suble
20-2-2010

Principal
Deogiri College
Aurangabad.

Peer Team

Name and Designation		Signature with date
Prof.K. Kunhikrishnan Former Pro-Vice Chancellor Kannur University, Kerala	Chairman	<i>Kunhikrishnan</i> 20.2.10
Prof.H.M. Rajashekara Emeritus Professor and Former Director, UGC-ASC University of Mysore, Mysore - 570 006, Karnataka	Member - Coordinator	<i>H.M. Rajashekara</i> 20-2-10
Dr. S.S. Jain Former Joint Director, Dept. of Collegiate Education, Rajasthan	Member	<i>S.S. Jain</i> 20/2/2010
Dr. Sujata P. Shanbhag Assistant Adviser NAAC Bangaluru 560 072	NAAC Co-Ordinating Officer	

Place: Aurangabad.

Date: 20th Feb. 2010

Plan of the College Campus





 **NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**
राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
(An Autonomous Institution of the University Grants Commission)
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

	LOI submitted date	18/11/2014
	Track id	MHCOGN10273
1	Process and Cycle	ACCREDITATION, Cycle: 3
2	Institution Name	M. S. P. MANDAL'S DEOGIRI COLLEGE
3	Name of the Head of the Institution	DR.MANIK LAXMANRAO JADHAV
3a	Designation	PRINCIPAL
4	Address	STATION ROAD, AURANGABAD.
	City	AURANGABAD
	State	MAHARASHTRA
	Pin code	431005
	Phone no.	0240 2367303 0240 2367331
	Mobile no	9422313663 9423653912
	Fax	0240 2367301
	Email	principal@deogiricollege.org vishnuwpatil@gmail.com
	Website	www.deogiricollege.org
5	Date of Establishment	22/06/1960
5a	Have two batches of students graduated from the college	Yes
6	Is the College recognized under section 2f of UGC act?	Yes
6a	Date of Recognition by UGC under 2f	01/01/1965
	Uploaded UGC 2f certificate	TWOFTWELVEB.PDF



7	Is the College recognized under section 12B of UGC act?	Yes
7a	Date of Recognition by UGC under 12(B)	01/01/1999
	Uploaded UGC 12B certificate	TWOFTWELVEB.PDF
7b	Name of the university to which the college is Affiliated or of which the college is Constituent	DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD
	State in which affiliating university is located	MAHARASHTRA
	Type Of Affiliation	PERMANENT
	Uploaded Certificate	AFFILIATIONLETTER.PDF
7c	If the institution is not affiliated to a university, does it offer any programmes recognized by any Statutory Professional Regulatory (SPR) Council which is equivalent to a post graduate programme of a university	No
	Name of the Programmes	
	Name of SPR Council recognizing it	
	Equivalent University degree	
8a	Is the institution recognised as an Autonomous College by the UGC?	No
	Autonomous Date	
	Uploaded Certificate	
8b	Is the institution recognised as College with 'Potential for Excellence(CPE)' by the UGC	Yes
	CPE Date	15/10/2010



	Uploaded Certificate	CPE.PDF
8c	Is the college offering any programmes by any Statutory Regulatory Authority(SRA)?	No
	Statutory Regulatory Bodies	
9a	Nature of the college	PRIVATE GRANT-IN-AID
9b	Number of degrees offered	Certificate: :13 Diploma: :2 UG: :12 PG: :22 PG Diploma recognized by statutory authority: : Research: :14 Others: :



9c	Details of degrees offered	Arts: :B.A. GENERAL COURSE, M.A. IN HINDI, ENGLISH, MARATHI, SOCIOLOGY, POLITICAL SCIENCE, HISTORY, PSYCHOLOGY. Commercer: :B.COM GENERAL COURSE, M.COM. Science: :B.SC GENERAL COURSE, BACHELOR OF VOCATION IN MULTIMEDIA AND ANIMATION, BACHELOR OF VOCATION IN JEWELRY DESIGNING AND GEMOLOGY BACHELOR OF COMPUTER APPLICATION (B.C.A). B.SC IN BIOTECHNOLOGY, BIOINFORMATICS, COMPUTER SCIENCE, INFORMATION TECHNOLOGY. M.SC IN PHYSICS, BOTANY, CHEMISTRY, ZOOLOGY, ELECTRONICS, IT, BIOTECHNOLOGY, BIOCHEMISTRY, MICROBIOLOGY, BIOINFORMATICS, COMPUTER SCIENCE, MATHEMATICS, GEOLOGY, ENVIRONMENT SCIENCE. Education: :NA Health Sciences: :NA Engineering and Technology: :NA Management: :BACHELOR OF BUSINESS ADMINISTRATION, BACHELOR OF COMPUTER APPLICATION (MANAGEMENT)PG DIPLOMA IN BUSINESS ADMINISTRATION Others: :NA
10	Whether Teacher Education / Physical Education department is opting for A&A process separately?	No
11	Total Number of Teaching Staff Non-Teaching Staff Students	60 89 6473
12	Date of establishment of IQAC	01/03/2010

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