

**Marathwada Shikshan Prasarak Mandal's
DEOGIRI COLLEGE, AURANGABAD**



INTERNAL QUALITY ASSURANCE CELL



RESEARCH PROMOTION POLICY

**(Deogiri College, Aurangabad reserves the right to modify the policy as deemed fit from
time to time)**

INDEX

Mission	I
Vision	II
Introduction	III
Definition	IV
Purpose	V
Scope	VI
Aim and Objectives	VII
General Principles	VIII
Grants – Intra-mural & Extra-mural	IX

I. Vision

- Eliminating the darkness of ignorance from the lives of people living in age-long poverty and help them to advance towards knowledge for all round development.

II. Mission

- Providing quality education to socially and economically backward class.
- Bringing about educational and cultural development of rural people.
- Providing excellent facilities for hostel accommodation, physical education and value education.
- Bringing about social transformation through education.

III. Introduction

Research is the creation of new knowledge and/or the use of existing knowledge in a new and creative way so as to generate new concepts, methodologies and understandings. It encompasses pure and strategic basic research, applied research, and experimental development in order to encourage faculty and staff members to actively engage in consultancy. Deogiri College Aurangabad promotes meaningful research and development activities with a mission to pursue and promote research.

Growth of education and research indirectly decides the growth of any institution. Research not only fulfills the basis of the fundamental concept of the institution i.e. to contribute for the economic and social development of the region and nation but also has role in determining the status and the quality of the institution. The policy establishes the research ecosystem and framework within which academic staff, Research scholars, Postgraduates and Undergraduate students, organizations and research institutional partners to conduct research

To accomplish its mission, the college provides intellectually inspiring, academically challenging and supportive environment conducive to personal growth by engaging in innovative and leading-edge research within and across disciplines.

Deogiri College Aurangabad makes sure that the topmost norms and standards of an intellectual activity is embraced in a research which is governed by policies and procedures that include, but it is not limited to standards of conduct; conflict of interest and commitment; intellectual property; sponsored research. It caters to all the scientific researches carried out by any faculty, staff, students, post-doctoral fellows, scholars, scientists, and other employees of Deogiri College, Aurangabad.

Any kind of information, facility, guidance and knowledge which is used in the form of training/ seminar, outreach/extension program, any basic research or any human clinical research is guided by the Research Promotion Policy of Deogiri College, Aurangabad.

IV. Definition

According to Department of Education and Training, research is defined as the creation of new knowledge and/or the use of existing knowledge in a new and creative way so as to generate new concepts, methodologies and understandings. This could include synthesis and analysis of previous research to the extent that it leads to new and creative outcomes. This definition of research encompasses pure and strategic basic research, applied research and experimental development. Applied research is original investigation undertaken to acquire new knowledge but directed towards a specific, practical aim or objective

V. Purpose

The purpose of this Research Promotion Policy is to provide a healthy and favorable environment for research among faculty and student researchers in the college. The policy provides an excellent framework within which a research activity can be carried out effectively.

VI. Scope

This policy is implementable in all departments of the college, enhancing the research in every field.

VII. Aims & Objectives:

Our core strategies are to tackle few of the pressing challenges of the 21st century in areas that are vital to the technological advances, human health, and environment through extensive core and multi-disciplinary research. Our institute has made strenuous efforts to line up its research focus with the national importance of achieving technological self-reliance. Our specific objectives are:

- Promote Research programme in newly emerging challenges in science and technology.
- Discuss matters on disseminating information about research funding opportunities and national and local developments relevant to research administration and evaluation, and circulating information about major grants, publications, and research achievements by members of the college.
- Establishing and continuously updating comprehensive lists of publications, grant applications, and grants received by members of the college.
- Enhancement of knowledge, capability and a global recognition to institution.
- Application of qualitative as well as quantitative Research technique to enhance knowledge, capability of students and faculty in relatively unexposed areas.
- To enhance the research output of the institute by research paper publication in referred journals and reputed conferences.
- To organize various national and international workshops/ seminar/ trainings related to promotion of research.
- To promote initiatives and programs which will develop and promote research integrity and the conduct of quality research in a scholarly environment in accordance with the College's Code of Conduct for Research.
- Monitoring the use of human subjects and the care and use of animals by college employees and research students to ensure ethical conduct of research and responsible research practice.

- Initiatives and programs that will develop and promote the up-skilling and training college employees engaged in research and supervision of research trainees, including fostering and delivering training in the successful management of research partnerships.
- The principles and procedures governing the conduct of all contract and collaborative research including the identification, ownership, management and protection of College intellectual property, licensing, joint ventures and other commercial arrangements.
- Develop and review policies and practices to improve the quality, impact and quantity of research activity and research training, monitor implementation and evaluate outcomes.
- To monitor, primarily through the feedback mechanism, the relevance and efficacy of established policy, addressing shortcomings and anomalies so as to facilitate high quality research activities within the College structures.
- To establish Advisory Committees and Working Groups as required developing and overseeing policy in respect of research matters.

VIII. General Principles

Good Research Practice (GRP) is essentially an attitude of mind. It is about the way in which research is planned and executed, the results are recorded and reported, and the benefits are disseminated, applied and exploited. GRP can only be achieved if researchers at all levels are trained and supervised properly in a research culture that encourages open discussions and debate. Research team leaders are responsible for building a platform of academic freedom for young researchers and ensure that they gain enough skill set including appropriate training and experience to carry out their duties effectively. Proper guidance and supervision structures the integral framework for quality research practice. Steps for GRP include monitoring of training and supervision of new researchers and of continuing professional development, regular checks on recorded data and notebooks, and occasional checks on the day-to-day conduct of experiments.

Planning the research

All research projects should be conceived, designed, and implemented according to the highest standards.

- Clear documentation of the rationale for the study and any subsequent modifications, either in laboratory notebooks or in the project files. Each key document and any changes should be signed with date by the researcher responsible to establish the provenance of the study and protect intellectual property rights.
- Adherence to the current safety practices and ethical standards.
- Securing all necessary ethical and regulatory approvals.
- Assessment of the resources needed to ensure the study is viable within the available means.
- The economy in use of resources:- for example, not purchasing excess consumables than that are needed for the planned sample size and regular review for determining when to stop the experiments.
- Regular review of the research progress is essential to identify new findings that can be taken into account and the project plan shall be modified accordingly

Generation and Utilization of Funding Resources for Research

The college promotes research, innovation among its faculties and has made several provisions to nurture and promote talent in the academic field. It is important for a progressive College to motivate member of the faculty to publish regularly, innovate and to effect patentable work. It not only promotes faculty to publish regularly, but also other members of the college including students to work innovatively and effectively. The Institute will encourage faculty members and students to undertake research, leading to improvement in the quality of life, with a focus on national, state and local community development to benefit society at large. It will encourage dissemination of research output through quality publications in reputed journals, presentations in national and international conferences, as well as generation of Intellectual property with potential for

commercialization. The Institute shall provide suitable incentives and recognitions to outstanding research accomplishment to students and faculties of the college.

Conducting the research

- The legal and ethical requirements relating to human participants, animals and personal information should be familiar to each person involved in the study and they should know to whom to turn for advice.
- Equipment used to generate data should be suitable for the purpose, of appropriate design and of adequate capacity. It should be calibrated and serviced regularly by trained staff so that the performance is optimal and the results can be trusted.
- A standard operating procedure (SOP) should be maintained for each piece of equipment. There should be easily accessible instructions for the safe shutdown of equipment in case of emergency.
- SOP should be documented for all routine methods to ensure that data are collected consistently. It should be written in simple language, readily accessible and ideally in a standardised format.

Conflict of Interest

A conflict arises when a person's judgment concerning a primary interest, such as scientific knowledge could be unduly influenced by financial gain or personal advancement. Researchers must pay as much attention to perceived and potential conflicts of interest as to actual conflicts. How one is perceived to act influences the attitude and action of others, and the credibility of scientific research to larger extent. Researchers should declare and manage any real or potential conflicts of interest, both financial and professional. Areas of potential conflict include:

- Where researchers have an existing or potential financial interest in the outcome of the research.
- Where there is a personal or private practice benefit, significantly dependent upon the outcome of research.

- Where the researcher's professional and personal gain arising from the research may be more than usual for research.

IX. Research Grants

Conference / workshop grants will also be given to the departments for organizing conference/workshop/CME after submitting application in prescribed format and approval by authorities. For conference/workshop organized by college alone, the departments will have access to the infrastructure for the organization of the event.

Travel Grant is sanctioned to faculty / researcher / student for his research or for attending a conference/workshop related to knowledge enhancement or representation of the respective college. Such grants must be availed by applying through duly filled forms addressed to the Principal of the college.

Study Leave is granted to an employee to enable them to pursue advanced studies with a guarantee to resume their job on completion of the leave. The leave would be exclusively for scientific or academic work at any relevant institution in India or abroad. The facility of leave may be extended to include work on other activities of the innovation chain with industry, consultancy organizations, technology marketing/transfer agencies, etc. The study leave may also be granted to participate and present the research papers in conferences, field visits, industrial visits, research laboratories, libraries etc. Such leaves are granted to an employee in accordance with policies of affiliating university and office of the Joint Director or Department of Higher Education, Maharashtra. A teacher will also be granted a study leave to complete a research work of minor or major research project sanctioned by any competent authority.

Grants for Research Project of the faculty working in Deogiri College, Aurangabad will be offered after careful inspection of the proposals submitted by the teaching faculty. The selection of the proposals for research project and

amount for the research to be given will be decided by the Principal and Research Advisory Committee constituted at the college.

Financial Assistance to Teachers to Become a Member of an Academic/Research Bodies will be given. Such grants must be availed by applying through duly filled forms addressed to the respective Principal of the college. Following are few of the programs considered for financial assistance.

- a) Attending orientation, refresher, STC and other faculty development programs.
- b) Attending conferences, workshops, seminars, symposiums, etc.
- c) Membership to all bodies related to academics.



Dr. Vishnu Patil
Coordinator, IQAC
**Co-ordinator,
IQAC, Deogiri College,
Aurangabad.**



Dr. S. N. Helambe
Chairman, Research Advisory Committee



Prof. Ashok Tejankar
Principal
**Principal
Deogiri College,
Aurangabad.**