


## BIODATA FORMAT

Name of Institute: MSP Mandal's Deogiri College, Aurangabad (M.S.)

<b>Full Name</b>		Dr.Mrs. Jadhav Pushplata Narayanrao	
<b>Name of Post</b>		Associate Professor	
<b>Subject</b>		Microbiology	
<b>Specialisation</b>		Soil Microbiology	
<b>Caste Category Appointed From</b>		SC	
<b>UG/ PG Teacher</b>		<b>UG</b>	
<b>Address &amp; Contact Details</b>		Block No.29,Laxmi colony, Cantonment ,Aurangabad(M.S.) <b>Mobile No. :9403129024</b>  <b>Email: dhrutirani@rediffmail.com</b>	
<b>Gender</b>	Female	<b>Date of Birth : 06/11/1967</b>	
<b>Mother tongue</b>	Marathi	<b>Knowledge of Marathi:</b>	<b>Specially Abled:</b>



**:: Caste Category of Candidate**

**Category : SC**

**Caste : New Baudh**

**:: Educational Qualification (Start from Ph.D/PDF to SSC)**

Name of Exam	Board/University	Passing Mon-Year	Stream/Subject
S.S.C.	Aurangabad	June 1983	Mathematics, general Science, Social Studies, Marathi, Hindi and English
H.S.C.	Aurangabad	June 1985	Physics, Chemistry, Biology, English, Hindi, Psychology
B.Sc.	Marathwada University, Aurangabad	June 1988	Chemistry, Botany, Microbiology
M.Sc.	Marathwada University, Aurangabad	June 1990	Microbiology
Certificate of proficiency in Russian Language	Marathwada University	June 1991	Russian Language
MS-CIT	Maharashtra State Board Of Technical Education, Mumbai	March-2003	Computer Knowledge
Ph.D.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Oct.2004	Microbiology

**:: Work Experience**

Name of Employer	Type of Service	Designation	Nature of Post	From-To	Payscale	Approval date
Dr. Jadhav. P.N.	Government	Professor	Permanent	28/7/1992 to Till date	15,600-39,100 AGP-9000	7/10/1992

**:: Research Papers/ Conference Proceedings**

Type of Journal	Title with Page No.	Journal Details	Published year	Sole/ Co-Author	Peer Review/Impact Factor	API Score
International	Sewage and sewage components influences the growth of Azotobacter chroococcum in vitro	Advances in life science and human welfare 978-93-85426-28-5	2017	Main author	yes	25
International	Azotobacter isolates in the Phyllosphere of crops grown in Sewage irrigated fields-vol.3,issue:4	Trends in Life sciences 2319-4731(p),2319-5037(e)	2016	Main Author	0.564	15
International	Survey of Azotobacter isolates from sewage irrigated soils."1072-1078	Medicinal Chemistry and drug discovery2347-9027,issue-28/2/16	2016	Main Author	5.69	15
International	Efficacy of <i>A. chroococcum</i> on Nitrogen Fixation in Tomato. Pg. no. 51-52	Life Science Bulletin Vol. no. 7(1) 09735453	2010	Main Author	Yes	15
International	<b>Cultural, morphological and biochemical characteristic of Azotobacter isolates from the rhizosphere soils of crop plants irrigated with sewage</b>	Journal of Emerging Technologies and Innovative Research (JETIR) <a href="http://www.jetir.org">www.jetir.org</a> P.No.249-263 2018JETIR nov.2018,Vol.5,issue 11	Nov.2018 Impact Factor -5.87	Main Author	5.87	25

**:: Paper Presented in Conference/Workshop/Symposium**

Title of Paper	Type of Conf./Workshop/Symposium	Details of Conf./Workshop/Symposium	Organiser Details	Proceedings Published ?	Sole / Co-author	API Score
In vitro the effect of Sewage and sewage component on the growth of Azotobacter chroococcum	International Symposium	On Microbes for sustainable development : Scope and application on November 16 to 19,2017	Association of Microbiologists of India and Babasaheb Bhimrao Ambedkar ( A Central ) University Licknow, Uttar Pradesh	Proceedings	Sole author	25
Cultural, morphological and biochemical characteristic of Azotobacter isolates from the rhizosphere soils of crop plants irrigated with sewage	International conference	Int.Multidisciplinary Reseach coference on Biodiversity, Climate change, Environment and Life S ciences"on 29 and 30 <sup>th</sup> july 2019	S.B.E.S.College,Aurangabad and Int. Academy of Science and Research,Kolkata and Confederation of Indian Universities, New Delhi	Proceedings---Got first gold medal for best presentation	sole	25
Survey of Azotobacter isolates from sewage irrigated soils	International conference	On Materials and Environmental Science on 7-8 Dec.2018	Shri yashwantrao patil Sci college,Solankar and The New college, Kolhapur	Published	sole	25

**:: Research Publications- Books, Chapters, Articles etc.**

Publication Type	Title of Book	Publisher Details	Book ISSN/ISBN	Published Year	Sole/ Co-author	API Score

**:: Details of Research Students guided for M.Phil./Ph.D.**

Student Name	Degree	Registration Date	Award of Degree	Branch/Title	Degree Status

**:: Details of Research Schemes/ Projects/ Consultancies undertaken**

Project Name	Funding Agency	Fund Mobilised	Commencement Date	Completion Date	Worked as	API Score
“Isolation, characterization and importance of strain improvement of Phosphate Solubilizers from soils	UGC	2,00,000	2010	October 2015	Co- Principal Investigator	10

**CATEGORY I: TEACHING, LEARNING & EVALUATION RELATED ACTIVITIES**

**:: 1. Details of Lectures, Seminars, Tutorials, Practicals, Contact Hrs**

Course/Paper	UG/ PG Level	Teaching Mode	Hours per week allotted	% of classes taken
P-I,Fundamentals of Microbiology	B.Sc.I,Sem-I	Chalk-board,PPT	3l/week	99%
2)P-XV-Microbial Genetics	B.Sc.III,Sem-V	Chalk –Board,PPT	3L/week	99%
3)p-IV-Cytology and General Microbiology	B.SC.I,Sem-II	Chalk-Board,PPT	3L/Week	98%
4) P-XIX-Recombinant DNA Technology	B.SC.III,Sem-VI	Chalk-Board,PPT	3L/Week	99%
5) Annual Practical,P-III and VI	B.Sc.I	Demonstration	12/Week	99%

API Score for Classes taken (Max Score 50 for 100% performance & proportionate score) up to 80% performance; below which no score may be given)	50
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2. API Score for Teaching load in excess of UGC norm (Max Score: 10)	-
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**3. Reading/ Instructional Material consulted/ additional knowledge resources provided to students:**

Course/Paper	Consulted	Prescribed	Additional Resources Provided
B.Sc.I(Theory and Practicals)	Reference books and Internet	Text books	Self Notes and Question Banks
B.Sc.III (Theory)	Reference books and Internet	Text books	Self Notes and Question Banks

API Score based on preparation & imparting knowledge/ instruction as per curriculum & syllabus enrichment by providing additional resources to students (Max Score:20)	20
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4. Use of Participatory & Innovative Teaching-Learning methodologies, updating of subject content, course improvement etc.	Preparation of practical charts,procedures,PPT Presentation
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API Score (Max Score:20)	20
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**5. Examination Duties Assigned and Performed (invigilation; question paper setting, evaluation/ assessment of answer scripts) as per allotment:**

Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
1) University Exams and Internal Exams	Invigillation duties	100	10
2) University Exam and Home Exam	To conduct and Assess tests and tutorials for B.Sc. I and III	100	10
3) University Practical Examinations (B.Sc. and M.Sc)	External and Internal Examiner	100	10
4) Redressal B.Sc(T.Y)	Reassessment of papers	100	10
5) University Assessment	Assessment of B.Sc. Theoty papers	100	10
6) As member of Women Flying Scod	Visit to colleges during Exams	100	10
7) Under study in University Exams	Under study	100	10
8) University Exams	Question Paper setting at UG level	100	10
9) Home Exam	Member of home exam Assessment	100	10

**CATEGORY II: CO-CURRICULAR, EXTENSION & PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES**

1. Student related co-curricular, extension & field based activities (such as extension work through	1) Member of Annual Gathering in College2) Helping in arranement of Guest lecture related to
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NSS/NCC & other channels, cultural activities, subject related events, advisement & counseling) <i>API Score (Max Score:20)</i>	subject3) Counseling for B.Sc.I yr. Students API---15
2. Contribution to Corporate life & management of the department & institution through participation in academic & administrative committiees & responsibilities <i>API Score (Max Score:20)</i>	1) Member of Admission and counselling committee 2) Member of Discipline committee 3) Member of Science Exhibition and competition Commeeettee 4) Member of Medical Advice and Aid Committi 5) Member of home Exam 6) Member of Women Empowerment cell 7) Member of Equal Apportunity cell  API--20
3. Professional Development Activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination & general articles, not covered above) <i>API Score (Max Score:15)</i>	participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations Yes 15
Training Courses, Teaching, Learning Evaluation Technology Programmes, Faculty Development Programmes (Not less than one week duration) <i>API Score</i>	Orientation, Refresher, Short term, Training programme on DNA isolation .Quantitation and quality check, PCR Paul Hebert Centre for DNA Barcoding and Biodiversity Studies, Dr. BAMU, Aurangabad 40
Invited lectures or presentations for conferences/symposia	-----
Design of new course & curriculum	Bsc I,II,III Theory & Practical
Particulars of current research work at personal level	Completed Minor Research Project
Co-curricular & extra curricular activities	Science exhibition for school students
Consultancy work carried out	-----
Patents & IPR Details:	-----
Any other information you wish to specify	-----