

BIODATA

General Information :

Full Name : **Dr. Gulab Manu Rathod**

Date of Birth : 01/01/1967

Date of Appointment : 24/08/1994

Experience : 23 Years

Nationality : Indian

Language Proficiency : Marathi, Hindi, English

College Address : Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad.

Permanent Address : At. Sardarnagar, Post: Kader, Tq: Omerga
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Educational Qualification:

Sr. No.	Exam.	University	Subject	Year	Division
1.	B.Sc.	Dr. B.A.M.U. Au'bad	Chemistry, Botany, Zoology	1990	IInd
2.	M.Sc.	Dr. B.A.M.U. Au'bad	Botany	1992	IInd
3.	Ph.D.	Dr. B.A.M.U. Au'bad	"Studies on post-harvest diseases of papaya"	07 Mar.2011	

Research Work:

- Two research students working under my guidance.

Administrative Work:

- **Working as BOS member of Botany of Dr. B. A. M. University, Aurangabad**
- Working as a IQAC Coordinator from 2011 to till the date.
- Working as a NAAC Coordinator from 2011 to till the date.
- Working as a Member of LMC (Local Management Committee) from 2015 to 2017.
- Working as a Member of CDC (College Development Committee) Member from 2017 to till the date.
- Working as Head, Department of Botany from 24 August 1994 till the date
- Worked as Programme Officer of NSS from the Academic year 2000-2007.
- Worked as Area Coordinator of NSS of Omerga and Lohara Taluka from the Academic year 2005-2007.

Examination Work:

- Worked as University practical Internal and External Examiner from 1994-2009 and 2011.
- Worked as University and College examination as an Invigilator in theory Examination from 1994.
- Worked as J.C.S. for theory Exam. at Jawahar Arts, Science and Commerce College, Andoor in 2001.
- Worked as a University paper setter in academic year 2002-2008 at B.Sc. I, II and III year.
- Worked as Vigilance Squad member in University examinations in academic year M/A 2005 and Mar/Apr. 2011.
- Worked as a University paper setter in academic year 2010-2012 at B.Sc. III year
- Worked as Officer at D-CAS centre of assessment of paper
- Worked as Officer at D-CAS centre of assessment of paper in the Academic year 2016-2018.

Participation in College Committees:

- Co-ordinator of Career Oriented course of “Seed Technology” from academic year 2008-2009.
- Programme Officer of NSS of College Unit from 2000-2007.
- Area Co-ordinator of NSS of Omerga and Lohara Taluka from 2005-2007.
- Worked as Co-ordinator of Admission Committee during 2006-2007.
- Member of Gandhian and Swami Vivekananda Study Centre from 2010.
- Convener of Student Motivation Committee from academic year 1998.
- Coordinator of IQAC from academic year 2011 to till the date.

- Member of Sports Committee.
- Member of Discipline Committee.
- Member of Gathering Committee.
- Member of Legal Advisory Committee.
- Member of Campus development Committee.
- Member of Hostel Committee

Framing of Syllabus:

- Framing syllabus of Certificate, Diploma and degree courses of ‘Seed Technology ‘ Carrier Oriented Course sanctioned by U.G.C. under X plan approved by Dr. B. A. M. University Aurangabad in academic year 2008-2011.
- Framing syllabus of Certificate. Diploma, and Degree course of ‘Food Science and Quality Control‘ Carrier Oriented Course sanctioned by U.G.C. under X plan approved by Dr. B. A. M. University Aurangabad in academic year 2008-2011.

Paper Editor:

- Editor of special issue of an International Journal of Bionano Frontier, in January 2011.
- **Published a book on “Post-harvest diseases of Papaya fruits”**

Project:

Title of Project	Funding Agency	Amount	Nature of work
“Studies on post-harvest fungal diseases of some fruits of Marathwada”.	U.G.C. (W. R. O. Pune)	70,000/-	Completed
“Studies on management of fungal diseases of some leafy vegetables crops”.	Dr. B. A. M. U. Aurangabad	10,000/-	Completed

Research papers Published in National and international Journals:

Sr. No.	Title of Research Papers	Name of the Journal	Volume.	Year	Page No.
1	Cultural and nutritional characteristics of isolates of <i>Fusarium</i> sp. From papaya fruits	Ecotech	2 (1)	2010	26-28
2	Extra-cellular Pectinase activities of post-harvest fungi from papaya fruits in presence of different influencing factors	Journal of Experimental Sciences	1(2)	2010	xx-xx
3	Detection of Flavonoids from <i>Jatroha gossypifolia</i> L. Var. <i>Elegans</i> Muell. Arg.	Journal of Ecobiotechnology	2/6	2010	14-16
4	Qualitative detection of Kaempferol and Myricetin from <i>Euphorbia indica</i> L.	Journal of Ecobiotechnology	2/6	2010	56

5	Survey of post-harvest fungal diseases of some fruits from Marathwada regions of Maharashtra, India	Journal of Ecobiotechnology	2/6	2010	7-10
6	Post-harvest fungal diseases of some tropical fruits	Bioscience Discovery	01	2010	7-10
7	Detection of flavonoids from <i>Chrozophora rottileri</i> (Geiseler) A. Juess Ex Spreng	Bionano frontier	Special issue	2011	16-18
8	Ethno botanical studies of some medicinal plants in Marathwada region, Maharashtra.	Bionano frontier	Special issue	2011	30-33
9	Detection of flavonoids from <i>Euphorbia dracunculoids</i> Lamk.	Bionano frontier	Special issue	2011	48-50
10	Effect of nitrogen sources on hydrolytic enzyme production by seed mycoflora of soybean	Bionano frontier	Special issue	2011	60-61
11	Effect of storage period on incidence of fungi from soybean.	Bionano frontier	Special issue	2011	68-69
12	Hydrolytic enzyme activity of post-harvest fungi isolated from papaya fruits under the influence of antibiotics, vitamins and fungicides.	Bionano frontier	Special issue	2011	76-78
13	Cellulase enzyme activity of post-harvest fungi isolated from papaya fruits under the influence of antibiotic, vitamins and fungicides.	Bionano frontier	Special issue	2011	82-84
14	Detection of flavonoids from <i>Euphorbia lacinita</i> Panjgrahi	Bionano frontier	Special issue	2011	85-86
15	Effect of physical factors on development of anthracnose of mango fruits	Current Botany	2 (1)	2011	15-16
16	pH of soil of Majalgaon command area (Jayakwadi project stage-III), India	Current Botany	3(2)	2012	24-26
17	Status of biochemical content in papaya (<i>Carica papaya</i> L.) after post-harvest pathogenesis by fungi	Current Botany	3 (3)	2012	28-33
18	A review on biological control of post-harvest fungal diseases of fruits	Current Botany	3 (4)	2012	5-7
19	In vitro callus formation of <i>Ricinus communis</i>	International J. of Basic and Applied Research	Special Vol. 3	2012	132-134
20	<i>In vitro bio control activity of Trichoderma sps. against fungal phyto pathogen Rhizoctonia solani from post-harvest Sapota (Achras sapota L.)</i>	Bionano frontier	Special issue	2011	36-38
21	<i>Fungitoxic properties of leaf extract and essential oils against post-harvest fungi.</i>	Abstract Proceedings	1 (41)	2012	
22	<i>Effect of carbohydrate, nitrogen and phosphate sources on cellulose</i>	Frontiers in plant diseases and its control for	1-76-85	2015	

	<i>enzyme production of post-harvest fungi.</i>	<i>agriculture development 978-81- 930533-1-7</i>			
23	<i>Role of Academic and Administrative Audit in Quality higher education</i>	<i>Abstract proceeding</i>		2016	99-102

Participation in Seminars / Conference / Refresher course / Workshop

- Participated in **IInd Refresher Course** arranged by Academic Staff College, Dr. B. A. M. U. Aurangabad from 02 April 1996 to 27 April 19967.
- Participated in **51st Orientation Course** arranged by Academic Staff College, Dr. B. A. M. U. Aurangabad from 03December 2002 to 30December 2002.
- Attended National Conference on “Frontiers of plant Sciences for sustainable and rural development” organised by Dept. of Botany, Balaghat Shikshan Sanstha Arts, Science and Commerce College, Naldurg from 28 and 29 January, 2011.
- Attended XI International Conference of International Organisation of plant Biosystematists organised by Dept of Botany, Dr. B. A. M. U. Aurangabad from 02-04, Sept.2010.
- Attended National Conference on “Recent trends in Plant Sciences for rural development “organised by Nagnath Arts, Commerce and Science College, Aundha Nagnath from 20-21, February 2010.
- Participated in National Conference on “Frontiers in plant Diseases: Diagnosis and management” organised by Maharashtra Mahavidyalaya, Nilanga from 03-04, January 2010.
- Participated in 31st Annual Conference and Symposium on “Microbial Wealth-Plant Health” organized by DRS-Dept. Of Botany, University of North Bengal and Indian Society of Mycology and Plant pathology, from 23-25 October, 2009.
- Participated in National Conference on “Plant Biotechnology” organised by Lal Bahadur Shastri Mahavidyalaya, Dharmabad from 21-22 November, 2009.
- Participated in One Day Workshop on “Credit based system at B.Sc. level in Affiliated Colleges” organised by Dept. Of Computer Science and Information Technology, Dr. B. A. M. U. Aurangabad on 11th July, 2009.
- Participated in National Seminar on “Recent Trends in Plant Sciences” organised by Milind College of Science, Aurangabad from 26-27 December, 2008.
- Participated in Regional workshop on Revised Syllabus in Botany organised by Balbhim Arts, Science and Commerce College, Beed on 10th February, 2008.

- Attended 2nd Asian Congress of Mycology and Plant Pathology on “Microbial diversity for Asian Prosperity” organised by Indian Society of Mycology and Plant Pathology and Osmania University, Hyderabad, India from 19-22 December, 2007.
- Participated in National Conference on “Modern Trends in Plant Sciences” organised by Dept. Of Botany, Dr. B. A. M. U. Aurangabad on dated 6 and 7th October 2007.
- Participated in National Conference on “Applied Aspects of Plant Science and Environment” organised by Aurangabad College for Women, Aurangabad on dated 19-20th August, 2006.
- Participated in National Conference on “Biotechnological Aspects towards Cultivation, Utilisation and Disease management of Plants” organised by Dept. Of Botany and Biotechnology, Lal Bahadur Mahavidyalaya, Dharmabad on 24-25th December, 2005.
- Participated in One Day Workshop on “Molecular Biology Techniques “organised by Dr. B. A. M. U. Sub-Centre, Osmanabad on 18th August, 2005.
- Participated in the workshop on “Curriculum in Botany” organised by Dept. Of Botany, Vasant Rao Naik Mahavidyalaya, Aurangabad on 26th June, 2005.
- Participated in National Seminar on “Biotechnological Approaches towards the Integrated Management of crop diseases” organised by Dept. Of Botany, Dr. B. A. M. U. Aurangabad on 30-31th July, 2004.
- Participated in National Conference on “Biodiversity: Taxonomy and Conservation” organised by Majalgaon Arts, Science and Commerce College, Majalgaon from 27-28th July, 2002.
- Participated in State level seminar on “Availability, Utilisation and Protection of plant Wealth” organised by Dept. Of Botany, Dr. B. A. M. U. Aurangabad on 14th December, 2002.
- Participated in Seminar on “Plant Resource Development” organised by Dept. Of Botany, Dr. B. A. M. U. Aurangabad on 09th December, 2000.
- Participated in second seminar on “Environmental Conservation” organised by Dept. Of Botany, S.C.S. College, Omerga on 17th August, 1996.

Organization of National Conference:

- Organized two days National Conference on “Role of non agricultural institutions in improvement agricultural technology” on 22-23th January, 2011 Sponsored by U.G.C.(WRO), Pune.
- Organized two days National Conference on “Issues and Challenges of Human right In Education” on 17-18th February, 2011 Sponsored by U.G.C., and worked as Organizing member of National Conference.

Life Members:

- Life member of Indian Society of Mycology and Plant Pathology.
- Life member of Indian Science Congress Association, Kolkata.

Extension work/ Community Service:

- Worked as P. O. of NSS Unit and organised NSS Camp at Kader during 4th January to 13th Jan.2005.
- Attended State level NSS Camp at Hivare Bazar, Dist. Ahmadnagar from 24-30th September, 2004.
- Attended Three Day Workshop for NSS P.O. “Training of Trainers for P.O. NSS in Disaster Management” organised by YASHDA, Pune from 6-8th June, 2005.
- Attended Two Day workshop of NSS regarding the Cleanliness of society organised by Jawahar College Andor Tq. Tuljapur Dist. Osmanabad.
- Participated in 78th Orientation Course for Programme Officers of NSS from 07- 16th October, 2001 by the TOC Centre, Ahmadnagar College, Ahmadnagar.
- Participated in “ Cervical Cancer Prevention Programme” in the Gunjoti on 14/07/2002to 17/07/2002.organised by Nargis Datt Memorial Cancer Hospital, Barshi in collaboration with Tata Memorial Centre, Mumbai and WHO/ IRAC, LYON, FRANCE.
- Attended 51st Refresher Course on the special theme “Youth for Jalsavardhan”from 11th Mar. to 15th Mar.2002 organised by NSS TOC Centre, Ahmadnagar College, Ahmadnagar.
- Participated in Pulse Polio and Blood Donation Camp.
- Participated and leader of Dr B. A. M. U. Aurangabad NSS Unit in the Maharashtra State Inter University Special Camp NIRDHR 2002 held at “ Sane Guruji Rashtriya Smarak” At Vadghar Tal. Mangaon Dist. Raigad from 12th Jan.2002 to 21st Jan.2002.
- Participated in three Days State level workshop of NSS on “Disaster Management” organised by Higher and Technical Education Dept., NSS unit and Pune University in collaboration with Vidya Pratisthan Baramati on 29-31th January, 2005.
- Participated in two days workshop for NSS programme officers at Dr B. A. M. U. Aurangabad on 5-6th April, 2004.
- Participated in two days workshop for NSS programme officers at B. P. Ed College, Mohol, Dist. Solapur from 3- 4th August, 2003.

Social Work:

- Established, “Shrikrishna Voluntary Blood Donor Organization” on 27/11/1999 & worked as member and arranged Blood donation camp S.K.M. Gunjoti.
- Donated Blood two times in each year from 2000 to Shrikrishna Blood Bank, Omerga.
- Arranged Blood Donation camp in NSS camp held at Kasagi Tq. Omerga on 07/02/2001.

- Arranged Blood Donation Camp in NSS camp held at Naichakur Tq. Omerga in year 2003
- Arranged Blood Donation Camp in NSS camp held at Kader Tq. Omerga in year 2005
- Arranged Blood Donation Camp in NSS camp held at Kader Tq. Omerga in year 2006.
- Arranged Blood Donation Camp in NSS camp at Gunjotiwadi on in the year 2007.