

BIO-DATA

Name : **Dr. (Mrs) Meena Umakant Patil**

Educational qualifications : M.Sc. Ph.D.; Certificate course in German language

Designation : **Principal**

Previous institute and services : Professor & HOD, Department of Zoology
and Director Board of Planning
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad-431004, Maharashtra State

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Teaching experience : Post-Graduate – 33 years

Subject with area of specialization : Zoology as main subject : Animal
Physiology, Genetics, Neurobiology, Endocrinology

Research Experience : **41** years

Visits to foreign countries- : **Austria, Australia, America, Canada, Denmark, Dubai, France, Finland, Hon Kong, Hawaii, Italy, Japan, Netherland, New Zealand, Norway, Russia, Singapore, Sweden, Switzerland, England, Thailand and Malaysia, and Nepal.**

- **Research background:**
- **JRF & SRF (UGC& ICAR, New Delhi).**
- **Research Associate (Research Post-Doctoral fellowship (CSIR, New Delhi).**
- **DST Young Scientist (Ministry of Science and Technology, New Delhi).**
- **American Biological Society and Naval Research program participant (USA).**
- **Visiting Professor, Brain Research Institute, Monash University, Malaysia.**

Thesis title: Studies on the Reproductive biology and Neurosecretion of freshwater prawn, *Macrobrachium kistnensis*. Thesis was forwarded **University** of Mississippi, Jackson, USA & Tirupati University, Andhra Pradesh, India for evaluation.

Papers Published : **International Journals** 14
National Journals 83
Proceedings 14

Fifty-Eight (101) research papers

Books published : Three (03)

1. Invertebrate Endocrinology (1983)
2. Neurobiology and Electrophysiology of Decapod Crustaceans (2003) ISBN 978-93-5067-343
3. Recent Trends in Biodiversity & Biotechnology (2007) ISBN 978-81-8465-146

Papers presented : International 19

In Conferences : National 44

Trainings and Workshops : **a) International**

Attended

1. Marine Biodeterioration Training programme, USA 1987
2. Immunocytochemistry and Tissue Culture, USA. 1989
3. Insect Peptide Neurohormones nomenclature, USA. 1989
4. Radioimmunoassay and ELISA, Australia 1996
5. International Workshop in r Molecular and Neurosci techniques by IBRO, Canada, Nov 2012 at BRIMS, Malaysia.

6. Visiting Researcher Brain Institute Monash

University, (BRIMS), Selangor, Malaysia, 2012-13

b) National

7. Radiation Biology, Rajasthan University Jaipur 1983
8. Neurobiology, University of Pune, Pune, 1983

9. Bioinformatics, Jawaharlal Nehru Engineering college, Aurangabad 2003
10. Genetic Engineering, Biotechnology Department Sant Gadge Baba Amravati University, Amravati 2009
11. **The Leadership and Managerial Skills for DST middle and Senior Scientist at national level. All India Academic Staff College, Hyderabad, Andhra Pradesh Dec. 2011.**
12. **DST –Sponsored “Science Research Administration and Management training” at Administrative Staff College of India, Hyderabad, 10th Nov- 22 Nov, 2013.**

Conferences & Workshops conducted:

- Chairperson, International Conference Recent Trends in Biodiversity and Biotechnology (RTBB) 2007
Dept. of Zoology, Dr. BAMU, Aurangabad
- Chairperson of the session in international and National conferences, seminar & Workshops - 8
- Secretary/Co-organizer - 3
- Chief Guest for National/State Level conferences & Workshops - 7

Research Projects (Completed six projects) :

- Minor projects (4) sanctioned by UGC
- Major project under 'Young Scientist Programme' DST, New Delhi.
- Major project, ICAR and UGC New Delhi.

Total funds generated - Rs. 23.96 lakh.

Particulars of Ph.D. students:	Awarded	2
	Working	2

Particulars of co-curricular activities

1. Member of **Senate**, Dr.B.A.M.U.Aurangabad, **2000-2005**, as per Maharashtra Universities Act 1994 under 25(2)(y).
2. **Member of Academic Council** as per Maharashtra Universities Act 1994 under 29(g), **2012-2016**.
3. **Member of Research Recognition Committee (RRC)** as per Maharashtra Universities Act 1994 under 36(A)(5), **2006-2008**.
4. Member of **Status and Ordinance Committee**, Dr.B.A.M. U, Aurangabad, **2000- 2005**, as per Maharashtra Universities Act 1994 under section 52 (2).
5. Member of **Board of Studies** as per Maharashtra Universities Act 1994 under section **37(2) from 2006-2008**.
6. Member of **Grievances Committee**, Dr. B.A.M.U.Aurangabad, **2000-2005**, as per Maharashtra Universities Act 1994 under section **57(3) (ba)**.
7. Member of **Board of College and University Development**, Dr. B.A.M.U. Aurangabad, **2003-2005**, as per Maharashtra Universities Act 1994 under section **35(2)(Y)**.
8. **Chairperson, Redressal Committee for Women Sexual Harassment at Work place**, Dr. B.A.M.U. Aurangabad, **2001 –2012 as per guidelines of Apex Court Vishakha Judgement , UGC and Govt. Maharashtra guidelines**.
9. Member, '**Board of Studies**' Zoology, SRT Marathwada University, Nanded, as per Maharashtra Universities Act 1994 under section **37(2) from 2011-2016**.
10. **Member of Faculty** as per Maharashtra Universities Act 1994 under section **33(5)(c) from 2011-2016**.
11. Member of '**Women Studies Center**' Dr.B.A.M. University, Aurangabad ,2005- 2011.
12. Member of '**Women Development Cell**' Dr.B.A.M. University, Aurangabad.
13. Member, '**Academic Advisory Committee**' West Zone Academic Staff Colleges, **2006-2010**.

14. Member, '**Academic Unit Committee**' under Section 72 of Maharashtra Universities Act, **2006-2010**.
15. Member, '**Faculty of Science**' under section 37 Maharashtra Universities ACT, 2006-2008, Dr. B.A.M.U, Aurangabad.
16. Member, Science Innovation Programme Committee, Dr.B.A.M. University, Aurangabad, **Avishkar-2006, Nagpur, February, 2007-2012**.
17. Member, '**National Science Day**' **Celebration committee**, Dr.B.A.M. University, Aurangabad.
18. Member, to constitute '**Board of Studies**' in Environmental Science committee, Dr.B.A.M. University, Aurangabad.
19. **Warden**, P.G. girls hostel Dr. B.A.M.U. Aurangabad 1999-2009.
20. Member, **Board of Studies, North Maharashtra University, Jalgaon, 2000-2005**.
21. **Member of expert panel for Ph.D.**, Shivaji University, Kolhapur;
SRT Marathwada University, Nanded; North Maharashtra University, Jalgaon, SGB University Amaravati, Goa University, Bhavnagar University, Gujarat, Mumbai University
22. **Member of Peer Committee for Elections for Authorities, Bodies and Committees as per Maharashtra Universities Act 1994 in 2005-2007 and 2009-2011**.
23. Member of Selection committee, College affiliation Committee, Election committee for Student Council Elections, **Examiner and paper setter** for Shivaji University, Kolhapur; SRT Marathwada University, Nanded, North Maharashtra University, Jalgaon, Amravati University Amaravati, Goa University, Goa.
24. **Observer for State Eligibility Test for recruitment of Assistant Professor in the Universities and colleges. The examination is conducted by, Pune University, Pune, 2002-2005**.
25. Member 'Annual Report committee, Dr.B.A.M.U., Aurangabad.
26. The **Secretary, Prize Distribution Committee, Ashwamedh, 1998**.
27. One of **The Judges for National Science Exhibition, 2000**.

28. **Member, Marathi Vidnyan Parishad**

29. One of the Judges for Science Exhibition held at Aurangabad in 2003 & 2010.

30. Member for Pre-review of Ph.D. thesis scrutiny committee Department Zoology,
Shivaji University, Kolhapur, Oct.2010.

31. Member of **Assessment and Quality Assurance Cell (AQAC)**, Dr.B.A.M.U. Aurangabad
June-2011 –March2012.

32. **Coordinator of AQAC from April 2012 till June 2013. Prepared AQAR and SSR reports Submitted to NAAC, Bangalore in Dec 2012.**

33. **Member of Editorial Board and Committee for University Research Journal under Chairmanship of VC- 2005 & 2013.**

Awards:

a) 'Women of the year 2001', American Biographical Research Institute, NC, USA.

b) Best Teacher Award Rotary Club, 2003.

d) Best Teacher Award Lions Club, 2006.

Enrichment of campus life:

34. A member of Hostel Committee, 1990-2009.

35. **Hostel Warden, August 1996-2009.**

36. The Secretary, Prize Distribution Committee, **Ashwamedh Games, 1998**

37. The Manager, girls' team for Youth Festival, Dr.B.A.M. University, 2002-2005

38. Arranged one programme for environment protection, clean & green campus movement, efforts to have improvement of infrastructure and facilities in girl's hostel. Sanction of separate hostel research students and international student hostel.

39. Member of Central Facility for Research Committee and coordinator in set up of **SCIENCE MUSEUM & MOBILE SCIENCE EXHIBITION BUS** on university campus. **Science and Technology Park- 2021 onwards.**

Students Welfare and Discipline:

- A member for **Students Council Elections, 2002-2008.**
- A member for selection of students **under Earn and Learn Scheme, 2002-2005.**
- A member of Reception Committees, for the programmes arranged by Students Welfare 2006.
- Member as well as Team Manager for Innovative Research activity Sponsored by Hon'ble Chancellor **Avishkar 2006,2007, 2008, 2009, 2010 and 2011.**
- Member for organizing Committee **-State Level Disaster Relief Training Camp, Auhan-2009, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.**
- Manager of the team who attended **“Youth Awareness to Value Education”** Sardar Vallabhbhai Patel University, Rajkot, January 29 & 30th ,2009
- Arranged many lectures **for PG students (in the girls hostels) on personality development, camp for Health awareness, and access to Computer technology, 2008**
- Member for **Science Popularization activity** jointly sponsored by Homo Bhabha Center for Science Education, Mumbai and Maharashtra Rajya Marathi Vishva Kosh Nirmitti mandal, Wai, in compilation and translation of science topics in regional language Marathi, 2006-2007.

Membership in Bodies and Committees of Education and National Development:

40. Member of **Jafrabad Development Committee, 2000-2002.**
41. A Chairperson, **Redressal Committee for Sexual harassment of Women at work place, 2001–2012.**
42. Nominated as Women Representative for University and College selection committee, 2003.
43. **Member for Science Popularization Committee 'Marathi Vishva Kosh Mandal Wai-2006-2007. Written 10 topics of Zoology and Environment published in Kumar Vishva Kosh as Contributor.**
44. Guest Of Honor at National seminar on 'Women Sexual harassment at workplace, Milind College, Aurangabad, September ,2006.
45. Member of Board of Studies, Zoology, SRT Marathwada University, Nanded December 2011
46. Member of Faculty of Science, SRT Marathwada University, Nanded, April,2012.

47. Member of Peer Committee for General Elections of Authorities and Bodies as per Maharashtra Universities ACT 1994, 2010-2012.
48. **Coordinator for Science Park Proposal Submitted to DST, Ministry of Culture, Govt. of India and District Collector and State Govt. of Maharashtra.**

Any other:

- **Counselor for a private Industry, COSMO FILMS, Aurangabad- in controlling of invading of grasshopper in packing area of the consignment in Industry premises, 2002.**
- **Best Player's Trophy,1976, Captain for Table-Tennis team 1974-76 Marathwada University Aurangabad.**
- **. Radio talks on 'Aurangabad Akashawani' for Science Popularization, 1999-2005**
- **Radio talk- 'Behavior of Crustaceans', Australian Broadcasting Corporation (ABC), Sydney, Australia ,1996**
- **Member of Rotary Club, Aurangabad 2000-2005**
- **Participated in the seminar- Basic Facts of STD/AIDS and prevention and control Methods, Avert Society and V.N. College, Aurangabad.**
- Best Teachers Awards-Rotary Club-2003 & Lions Club-2006, Aurangabad**

Membership of Professional Bodies and Societies

- Life member of Indian Society for Comparative Animal Physiology, Tirupati, India.
- Member of Indian Society of General and Comparative Endocrinology, Varanasi, India.
- Life member of Indian Association of Aquatic Biologist, Hyderabad, India.
- Member of Indian Society of Crustacean Biology, Madras, India.
- Member of Academy of Sciences for Animal Welfare, Govt. of India.
- Life member, Bioinformatics Institute of India.
- Member of Society of Systematic Biologist, **Australia.**

- Member of The Asia and Oceania Society for Comparative Endocrinology, Sydney, **Australia.**
- Member of International Society for Environmental Information Science, **(ISEIS) Canada.**
- Member of the Research of Advisors, **ABI, USA.**
- Member of NeuroMalaysia , Malaysia.
- **Worked as Counselor in the research projects on ‘designing of Raisin dryer and Humidifier in Center of Electronic & Designing Training (CEDT).**