

Dr. (Mrs.) SUJATA A. MANKAR

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Department of Microbiology,
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24TH APRIL 1979

Educational Qualification

- **Ph.D (June 2014)**
“Studies on Biotechnological conventions for Vaccination of Fish”
Post Graduate Teaching Department of Microbiology,
Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur-33.
- **M.Sc.(Microbiology) -2002**
Post Graduate Teaching Department of Microbiology,
Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur-33.
- **B.Ed. (Biology, Chemistry) 2005**
S.K. Wankhede University college of Education
Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur-33.
- **B.Sc.(Chemistry , Botany , Microbiology) 2000**
Shivaji Science College, Congress nagar, Nagpur.

Other Examination Passed

- **CSIR-UGC NET- LS & JRF (Life Sci.) 2007, CSIR-HRDG, New Delhi.**
- **SET (Life Sciences) 2006, Pune University, Pune.**
- **GATE (Life Sciences) 2004, IIT, New Delhi.**
- **I. I. Sc. Ph. D. Entrance Exam (Life Sciences) 2004, I.I.Sc., Bangalore.**
- **MS-CIT (Computer Literacy) 2003.**

Professional experience:

- **Assistant Professor** at Department of Microbiology, Sindhu Mahavidyalaya, Nagpur since dated 16th June 2010 till date.
- **Recognized Ph.D. Supervisor (Microbiology)**
- Visiting Lecturer, P.G. Department of Microbiology, R.T.M. Nagpur University, Nagpur, M.Sc II (Session 2010-11).
- Contributory Lecturer, Rajiv Gandhi Biotechnology Centre, R.T.M. Nagpur University, Nagpur. (Semester III, M.Sc. (Biotech), Session 2009.
- Contributory Lecturer, Kamla Nehru College, Nagpur (M.Sc), Session 2006-07.
- Contributory Lecturer, Sindhu Mahavidhyalaya, Nagpur (B.Sc.), Session 2002-04.

Achievements :

- **Award of CSIR-JRF fellowship.**
- **First prize** at Poster presentation - UGC Sponsored State level Seminar on “New Horizons in Biological Systems and Biotechnology” February, 18, 2010 organized by Govt. Institute of Science, Nagpur.
- **Third Prize at** Adopting Green Initiatives for Sustainability 24-25th August 2022 organized by PCE in collaboration with CSIR- NEERI, Nagpur.
- **Total Research paper Publications: 13**
- **Chapter in Book: 05**

Research Project (Minor):

- **Principal Investigator of UGC Minor Project** entitled “Molecular identification of gastrointestinal tract microflora of *Clarius batrachus* (Walking catfish)” UGC letter No. 47-2127/11(WRO) dated 29th Feb. 2012.
Total Amount sanctioned 1, 70,000/- for 2012-2014.

Patents/Awards/Fellowship

Biofuel blended alternative fuel for diesel engines for optimized performance, C.G. of Patents, Design and Trademarks, Ministry of Commerce and Industry, GOI, Patent Number – 202021045949,13/11/2020

Research Guidance

- Ph.D. Supervisor – **02 student** (08/03/2022) at PGTD of Microbiology , RTMNU
- Co-supervised to M.Sc (Microbiology) student (2010-11) – **01 Nos.**

Membership

2009 - Life membership - Global Biotech forum, Rajiv Gandhi Biotechnology centre, R.T.M. Nagpur University, Nagpur.

2012 – Life Membership – Association of Microbiologist of India, Chandigarh.

2013-

1. Life Membership – Microbiology society of India, Aurangabad.
2. Annual Membership - Asian fisheries Society (Indian branch), Mangalore.
3. Annual Membership- Global earth Society for Environmental Energy and Development, Bhopal.

2016 - Life Membership of The Indian Science congress association, Kolkata

Board of studies RTMNU

1. Member of Board of studies committee of Forensic science subject , RTMNU, 2017-2022
2. Member of Board of studies committee of Molecular Biology & Genetics subject , RTMNU, 2023 onwards
3. Member of Task force committee, Biotechnology RTMNU
4. Member of Task force committee, Microbiology, RTMNU

Book Published (As Editor):

1. Text Book Molecular Biology & Bioinstrumentation, B.Sc. Microbiology Semester –V, Paper-II, Academic book - Based on RTMNU Syllabus; Central publisher, Nagpur ;ISBN No. 978-81-89178-36-9
2. Unveiling the boundaries of Gender issues, MKSES publications, Lucknow, ISBN - 978-93-91248-06-2, pp:86-92 May 2021, pp: 1-183
3. Research Trends in Life Science Volume III; Bhumi Publishing, Kolhapur; ISBN 978-93-95847-42-1November 2023;Pg: 1-128

Oral / Poster Paper presentation in international / national conference: 30

Technical Reports: Member of Editorial Board, **Triennial report (2008-11)** Global Biotech Forum, Rajiv Gandhi Biotechnology Centre, Nagpur.

Any other Activities:

- **Treasurer** of Global Biotech forum, Rajiv Gandhi Biotechnology centre, R.T.M. Nagpur University, Nagpur From 1st April 2017 till March 2022.
- **Secretary (Nagpur Unit) 2018-2021** Association of Microbiologist of India, Chandigarh.
- Participated in BMC Ecology image competition.