

**FACULTY PROFILE**



❖ **Basic Information**

- **Name:** Dr. Milan Aniruddha Nimbalkar
- **Designation:** Asso. Prof & Head of Department
- **Department:** Microbiology
- **Area of Specialization :** Medical Microbiology
- **VIDWAN ID-** vidwan.inflibnet.ac.in/profile/700151
- **ORCID ID-** 0009-003-5111-5051
- **Google Scholar ID-**  
<https://scholar.google.com/citations?hl=en&user=YkZeFeUAAAAI>

❖ **Educational Qualifications:** M.Sc., PhD., Microbiology. NET (Life Sciences)

❖ **Teaching Experience:**

- Knowledge Centre UG College Bandra Mumbai.(August.2004-April 2005)
- PGTD Sant Gadge Baba Amravati University (July 2005- April 2006)
- JNMC (Jawaharlal Nehru Medical College) Sawangi Meghe Wardha. Research Associate in Department of Microbiology (June 2006 to April 2007).
- L.A.D & Smt. R.P. College for Women, Shankar Nagar Nagpur, July 2008 onwards.
- **Total Teaching Experience:** 20 Years.

❖ **Research Experience**

- Total Research Experience: 8 years
- Areas of Research Interest: Microbiology

❖ **Research Publications**

**(A) Research Papers in National/ International Journals**

- Inducible Amp C Beta Lactamase Producing *Pseudomonas aeruginosa*. Isolated in a rural hospital of Central India. Basak. S Khodke M. Journal of Clinical and Diagnostic Research 2009 Dec:(3)1921-1927.
- Detection of Biofilm Producing Staphylococci: Need of the hour .Bose. S, Khodke M. Journal of Clinical and Diagnostic Research 2009 Dec:(3)1915-1920.
- Detection of biofilm Producing Staphylococci from Clinical Isolates from tertiary care hospital. Nimbalkar. M,. International Journal of Biosciences, Agriculture and Technology (IJRBAT) (ISSN No.2357-517x) special Issue 20 December 2014.
- Antibiotic susceptibility pattern of *Pseudomonas aeruginosa* isolated from urine samples of urinary tract infections patients in Nagpur region of Maharashtra state. M. A. Nimbalkar and Dr. C. J. Chandekar. International Journal of Biosciences, Agriculture and Technology (IJRBAT) special Issue(2)Vol-V July 2017.148-154.
- Antibiotic susceptibility pattern of clinical isolates of *Pseudomonas aeruginosa* isolated from patients of respiratory tract infections in a city hospital of Nagpur city. M. A. Nimbalkar and Dr. C. J. Chandekar. International Journal of Biosciences, Agriculture and Technology (JETIR) October 2018. Vol (3) issue 10, 348-354.
- Detection of biofilm development by *Staphylococcus aureus* and its role in antibiotic susceptibility pattern. International Journal of Biosciences, Agriculture and Technology (JETIR) August 2018. Vol (5) issue 8, 375-383.
- Prevalence observed in biofilm and beta-lactamase producing Staphylococcus species from nasal and throat isolates of hospital volunteers. A medical alert. M.A. Nimbalkar International Journal of Creative Research Thoughts (IJCRT Volume X ) issue X Pg 25-31.
- *Pseudomonas aeruginosa* Prevalence, Antibiotic Resistance and Antimicrobial use in Burn Wards from Nagpur City of Maharashtra. International Journal of Science & Research. IJSR VOLUME 13 Issue 2 February 24. ISSN2319-7064 SJIF (2022):7.942
- Study of Antibiotic Sensitivity and Resistance Pattern of Bacterial isolates in intensive care unit set up of a tertiary care hospital. International Journal of Science & Research. IJSR VOLUME 13 Issue 2 February 24. ISSN2319-7064. ISSN NO 2320- 2882
- Methicillin-Resistant and Methicillin-Susceptible Community Acquired Staphylococcus aureus infection among Children of age group 2 to 5 years in paediatric ward of general hospital. 2021 IJCRT Volume 12 issue 1 January 2024 ISSN NO 2320-2882 Impact Factor7.97 ISSN NO 2320-2882

### ❖ **Orientation / Refresher Courses / FDPs Attended**

- U.G.C. Sponsored Orientation Course on 14<sup>th</sup> June-11<sup>th</sup> July 2012 (3 Weeks) at Academic Staff College, R.T.M. Nagpur University, Nagpur.
- U.G.C. Sponsored Refresher Course on 23<sup>rd</sup> Feb 2015 -15<sup>th</sup> March 2015 (3 Weeks) at Academic Staff College, R.T.M. Nagpur University, Nagpur.
- U.G.C. Sponsored Refresher Course on 17<sup>th</sup> Sept 2018 -7<sup>th</sup> Oct 2018, at Academic Staff College, R.T.M. Nagpur University, Nagpur.
- Refresher Course on Teacher and Teaching in Higher Education (Swayam Arpit Online Course certification) CAS Promotion.
- U.G.C. Sponsored Online Refresher Course in Basic sciences from 21<sup>st</sup> Aug 2023-2<sup>nd</sup> Sept 2023, at Academic Staff College, R.T.M. Nagpur University, Nagpur.
- Faculty Development Programme on, "Education 4.0 from 31<sup>st</sup> July to 6<sup>th</sup> Aug 2023 organized by Ramanujan College, University of Delhi.
- Faculty Development Programme on, "Advance Pedagogy Techniques" from 22<sup>nd</sup> July to 28<sup>th</sup> 2023 organized by Ramanujan College, University of Delhi.
- Faculty development Programme on, " Student Centric Methodology and Interactive Teaching Strategies using Technological Tools" from 9<sup>th</sup> October to 13<sup>th</sup> October 2023.
- International Faculty Development Programme on, " Free Publication of Manuscripts in Peer Reviewed International Journals." From 10 Jan 2024 to 16<sup>th</sup> Jan 2024.
- Seven days National Interdisciplinary Workshop on, "Emerging Trends in Research Methodology." From 20<sup>th</sup> April 2015 to 27<sup>th</sup> April 2015.
- Online Soft Skill Development Workshop, " Train The Trainer Program." Organized by RTMNU HRDC during 13<sup>th</sup> to 17<sup>th</sup> July 2020.

### ❖ **Papers Presented in Conferences / Seminars**

- Role of Beta - Lactamase inhibitors to revert back the efficiency of Antibiotics against Nosocomial Infection in Susceptible Host. 2<sup>nd</sup> International Conference on Clinical and Applied Microbiology. 14 & 15 Dec 2023. virtual Conference. Bioleagues
- Detection of biofilm producing Staphylococci : Need of hour. Two days international conference on Emerging trends in combating multidrug resistant superbugs. 2021 ICETCMDRS 2021.

### ❖ **Workshops / Seminars / Conferences Organized**

- National Conference entitled, 'Bioscience, Bioethics & Environment' at L.A.D. & Smt. R.P. College for Women, Nagpur 2<sup>nd</sup> & 3<sup>rd</sup> December, 2011.
- National Aqua Conference, "Water Conservation: Role of Educators", at L.A.D. & Smt. R.P. College for Women, Nagpur 18<sup>th</sup> December, 2018.
- One Day National Seminar on Aarogyam Dhan Sampada: A Life long treasure." At L.A.D. & Smt. R.P. College for Women, Nagpur 14<sup>th</sup> December, 2019.

### ❖ **Administrative Responsibilities**

- Board of Studies of Microbiology, R.T.M. Nagpur University, Nagpur
- Head- Department of Microbiology.
- Responsibility of Criterion - I
- Member of College Research Journal committee.

### ❖ **Membership of Professional Bodies:**

- Life Member of Rashtrasant Tukadoji Maharaj Nagpur University Microbiology Teachers Association. (RTM- NUMBTA)
- Life Member of Microbiologist Society of India (MBSI).
- Life Member of Nagpur University Teachers Association (NUTA).
- Life member of Microbiology Society of India.(MBI).
- Member of Credit Co-operative Society L.A.D College. Nagpur.
- Life Member of Vigyan Bharti Vidharbha Pradesh(VIBHA).

### ❖ **Awards / Recognition:**

- Recognized as judge in online poster competition in MBSI events.
- Recognized as judge for ppt presentation competition.
- Reviewer in essay competition on International Microorganisms Day.
- Felicitated for working in Syllabus Framing Committee for Semester Pattern syllabus as well as in National Education Policy 2020.

### ❖ **Extension Activities / Community Engagement:**

- Hygiene quality analysis of drinking water.
- Survey for maintaining hygienic conditions to prevent from communicable diseases.
- Isolation of Micro-organisms and cultivation for production of Bio fertilizers.

- Maintaining the drinking water quality of water coolers in the premises.

❖ **Other Relevant Information:**

- Organized Industrial visits
- Visit to various Research Institutes
- Inauguration of MBSI Student Unit from 2023 onwards.
- Organize various competitions for students.
- Arranging guest lectures of renowned speakers.
- Organized various workshops on Molecular Biology techniques.
- Organize various events like International Micro-organism Day, etc.