

CURRICULAM VITAE

DR. N.B. HIRULKAR

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Profile: Doctor of Philosophy in the subject Microbiology from S.G.B. Amravati University, Amravati (M.S.), India in 2007. Dedicated teacher with more than 10 years of experience. Committed to acting not only as a teacher but as a mentor to my students. Adept in a range of teaching methods and able to establish clear objectives for my classrooms.

Research Publication- 19 (International-10, National-09)

Conference/Seminar- 25

Book Publication: - 02

Teaching Experience- About 9 Years (As Approved Teacher
By RTM Nagpur University Nagpur)
About 3 Year in Deemed University
About 4 Year during Ph.D at SGB Amravati University, Amravati

PG Teacher: Approved as PG Teacher for M.Sc. Microbiology by RTM Nagpur University

Ph.D Supervisor: Approved as Ph.D Supervisor in subject Microbiology by RTM Nagpur University, Nagpur

Skilled in

- Skilled in Environmental microbiology Industrial Microbiology Supervision of the research projects. Food and water quality monitoring.
- Academic competence and skilled instructor who uses a wide variety of teaching methods to make learning fun and keep students of all ages engaged in the learning process.
- Organized yet creative thinker who can develop goals, write lesson plans, gather supplies and implement plans in a fun and positive environment.

Career Objective

To work in dynamic environment, this will enhance my knowledge and help me to acquire more skills to achieve excellence in the work. Work for continuous improvement in my teaching learning process and to take it to its zenith with my full efforts.

Educational Qualification

Sr. No.	Degree	Year	Subject	University/Institution	% of Marks
1.	Doctor of Philosophy (Ph.D.)	2007	Microbiology	S.G.B. Amravati University (M.S.) India	NA
2.	M. Sc.	2002	Microbiology	Barakatullah Vishwavidyalaya, Bhopal (M.P.)	I 69%
3.	B.Sc.	2000	Microbiology	Dr. H.S. Gaur University, Sagar, (M.P.)	I 61%

Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

“Studies on Assessment of H₂S Test as Alternative to Conventional Bacteriological test for fecal Contamination in Drinking Water in Amravati District” Year: 2007

Dr.D.H. Tambekar, M.Phil, Ph.D,
Former **Professor and Head,**
Department of Microbiology,
Sant Gadge Baba Amravati University Amravati (MS),

Institute: P.G. Department of Microbiology
S.G.B. Amravati University Amravati (MS)
Year of Award: 2007

Technical Qualification

- **Course-** **Diploma in Medical Laboratory Technology (DMLT).**
- **Center-** Devi Ahilya Institute of Paramedical Sciences INDORE (M.P.) Affiliated to PMTO Delhi.

Computer Skills

- **Operating Systems** : Windows 98, Windows XP, Window 2007
- **Packages** : Ms Word, Ms Excel and Ms PowerPoint & Internet

Training

- **Water Quality Monitoring** from M.P. Council of Science and Technology (MPCOST), Bhopal, MP.
- **Orientation Program from HRDC GURUGHASIDAS Central University Bilaspur (CG) in 2018.**

Present Employers

DEPT. OF MICROBIOLOGY

NABIRA MAHAVIDYALAYA, KATOL, DIST. NAGPUR

Professional Experiences (In Chronological order)

Sr. No.	Positions Held	Name of the Institute	From	To	Experience In Years
1	Asst. Professor & Head	Nabira Mahavidyalaya Katol Dist. Nagpur (MS) (As Approved Teacher from RTM Nagpur University, Nagpur)	11 June 2011	Present	About 8 Years UG and PG
2	Asst. Professor & Head	MIST Mandsaur Deemed University Mandsaur MP	30 December 2007	1 June 2011	About 3 Years UG and PG
3	CHB lectures	PG Dept. of Microbiology S.G.B. Amravati University Amravati Bharatiya College, Amravati MS Arts Commerce & Sci. College Amravati MS	05-July-2004	28-Dec- 2007	About 3 Years

Research Experience

- **Actively participated in research projects** with B.R. Nahata college of Pharmacy which is also a **TIFAC- CORE, DST and Scientific and Industrial Research Organization** under Ministry of Science and Technology, Govt. of India.
- **Published 19 research papers.**
- **Published 4 research papers** after completion of Ph.D.
- **Supervised the Dissertation** of PG Biotechnology/Microbiology in year 2009-10
- **Supervised the Dissertation** Projects of PG Microbiology from year 2011-2019

Administrative Experience (In Chronological Order)

- **Head of the Department Microbiology** and Biotechnology from 2011 to till date.
- **Head of the Department (Life Sciences)** from 2007-2011
- Appointed as **Examiner** for Practical Examination of UG and PG by RTM Nagpur University.
- Appointed as **External Examiner** by S.G.B. Amravati University for conducting Practical examination of PG Classes.

Technical Experiences

- 2-year experience as Microbiology Reference Lab. Technician in the Reference Laboratory, Amravati (MS.).
- 3-year experience as Pathology Lab. Technician in Vinita Pathology Laboratory Chhindwara (M.P.) and Udairam Memorial Diagnostic Center, Bhopal, (M.P.).
- Six-month experience in Khodke Agro-Industry, Amravati, (M.S.) as a Microbiologist.

Academic, Extra curricular and Extension Activities coordinates

Organized workshop/ National conference/ Awareness Program

1. **Organized workshop** on Production of Biofertilizers at MIST, Mandasaur In 2009
2. **Conducting Pulse Polio Awareness** campaign at Bhuniyakhedi in 2010.
3. **Conducting Awareness Program** on Biofertilizer through PG students in 2011.
4. **Organized workshop** on "Techniques of Microbiology" at Nabira Mahavidyalaya, Katol (Coordinator) in 2011.
5. **Organized Poster Exhibition and Competition** (CCE Based) in 2011.(Coordinator).
6. **Organized National conference** on "Pharmacogenomics "Revolutionizing Personalized Medicine" (As **Organizing Secretary**) in 2012.
7. **Organized National conference** on "Pharmacogenomics "Revolutionizing Personalized Medicine" (As **Organizing Secretary**) in 2015.
8. **Coordinator of Collage, quiz competition**
9. **Organize** guest lectures under MOU with ASc College Pulgaon
10. **Started** Student Unit of Microbiologist Society India at Our College.

Organized Educational Tour

- Organized an Educational Tour of UG/PG student to **Sanchi Milk Processing Plant/ MP** Biofertilizer Production Unit and in 2009.
- Organized an Educational Tour at Hyderabad of UG/PG students to **NIN, Biotech Industries**, etc. in 2011.
- Attending the **national conferences** with PG students at **Akola and Gondia** in the year 2011-12.
- Organized an Educational Tour to visit **ICAR (IRRI)Cuttack** with graduate and Postgraduate students in 2016-17
- Organized an Educational Tour to visit **CCMB Hyderabad** with graduate and Postgraduate students in 2016-17
- Organized an Educational Tour to visit Visit **MGIRI Wardha**
- Industrial visit to **Dinshwas dairy food pvt. Ltd. Nagpur** with graduate and Postgraduate students in 2016-17
- Organized an educational tour to visit **Aurangabad** in 2019-20.

Languages Known

READ, WRITE and SPEAK – Hindi, English and Marathi

Personality at a glance

- Optimistic approach towards challenging situation is my strength.
- Responsible, Hardworking, having Strong Determination and dedication towards things.
- Willingness to learn, positive Attitude.
- Analytical and Technical Competence.

Personal Details

- Father's Name : Shri. BABANRAO HIRULKAR
- Mother's Name : Smt. MALINI HIRULKAR
- Complete Name : DR. NAVEEN KUMAR HIRULKAR
- Date of Birth : 05TH -APR- 1977
- Blood Group : 'A' positive
- Hobbies : Playing indoor games and listening to music.

Declaration

I here by declared that all the aforesaid information are true and correct to the best of my knowledge and belief.

(Dr. Naveenkumar B. Hirulkar)

Total Research Publications

International

- 1) **'Studies of hygiene behavior on bacteriological quality deterioration of water in hotels and restaurants'**. Research Journal of Microbiology, 1(2): 183-189, 2006, Academic Journals USA. (ISSN No. 1816-4935)
- 2) **'Suitability of the H₂S test for detection of fecal contamination in drinking water'**. African Journal of Biotechnology, 5(10): 1025-1028, 2006 (ISSN No. 1684-5315).
- 3) **'Water hygiene behaviors in hotels and restaurants and their effects on its bacteriological quality'**. Biotechnology,5(4): 475-477,2006 (ISSN No. 1682-296X)
- 4) **'Prevalence of thermo tolerant *Escherichia coli* in drinking water and its multidrug resistance'**. Research Journal of Microbiology, 1(5): 458-462, 2006, (1816-4935)
- 5) **'Evaluation of hydrogen sulphide test for detection of fecal coliforms contamination in drinking water from various sources'**. African journal of biotechnology vol.6 (6), pp. 713-717, 2007.(ISSN No.1684-5315).
- 6) **"Antimicrobial activity of rose petal extract against some pathogenic bacteria"**. International journal of Pharmaceutical and Biological Archive, 2010, Vol I(05), 478-484. (ISSN NO. 0976-3333).
- 7) **"Studies on prevalence and multiple antibiotic resistance pattern of *E.Coli* isolated from drinking water"** International Journal of pharmaceutical and Biological Archive, 2011,Vol II (02) 716-723.
- 8) **"Incidence of Antibiotic Resistant *Pseudomonas aeruginosa* isolated from drinking water"** International Journal of pharmaceutical and Biological Archive, 2011,Vol II (02) 678-687. (ISSN No. 0976-3333)
- 9) **"Influence of Hyperglycemia on Renal Function parameters in patients with diabetes mellitus"** International Journal of pharmaceutical and Biological Archive, 2011,Vol II (02) 734-739. (ISSN NO. 0976-3333).
- 10) **"Effect of Hyperglycemia on electrolyte imbalance"** International Journal of pharmaceutical and Biological Archive, 2011,Vol II (01) 526-533. (ISSN No. 0976-3333).

National

- 11) 'Multiple Antibiotic Resistances (MAR) indexing to discriminate the source of fecal contamination in drinking water', Nature environment and Pollution technology, 4(4):525-528, 2005.
- 12) 'Efficacy of H₂S test for detection of fecal contamination in drinking water'. Journal of Current Sciences, 9 (1): 139-144, 2006.
- 13) 'Water Quality indexing and correlation coefficient of physicochemical characteristics of ground water in Amravati city'. Nature Environment and Pollution Technology, 6(1):45-49, 2007.
- 14) 'MAR Indexing of *Pseudomonas aeruginosa* from drinking water' Nature Environment and Pollution Technology, Vol. 6 (3), pp 521-524, 2007.
- 15) 'Multidrug resistance in *Salmonella typhi* isolated from drinking water in Amravati'. Nature environment and Pollution technology, vol.6 no.2 pp.285-288 2007.
- 16) 'Rapid and modified field test for detection of fecal contamination in drinking water'. **Journal of Scientific and Industrial Research**, vol.66, pp.667-669, 2007.
- 17) "Studies on antibacterial activities of *Cymbopogon Citrates*" Int. Journals of Researches in bioscience, Agriculture & Technology, Vol. Special Issue, pp. 145-151, Dec. 2014. (ISSN No.. 2347-517X)
- 18) "Studies on dyes decolorization of *White Rot Fungi*, isolated from soil" Int. Journals of Researches in bioscience, Agriculture & Technology, Vol. Special Issue, pp. 131-138, Dec. 2014. (ISSN No.. 2347-517X) .
- 19) "Studies on diversity and activity of PSB isolated from citrus field soil" Int. J. of Life Sciences, Special Issue, pp 52-58 A8/September 2017. (ISSN: 23207817/eISSN:2320964X)

List of Books Published

S.N.	Title	Publication	ISBN No.
1	Microbiology (Immunology) (Based on RTM Nagpur University Syllabus)	Central Techno Publication Nagpur	ISBN 978-81- 932578-0-0
2	Microbiology (Biotechnology) (Based on RTM Nagpur University Syllabus)	Central Techno Publication Nagpur	ISBN 978-81- 932578-1-7

Conferences Attended/ Presentations (National / International)

- 1) International Symposium on **Microbial Diversity: Opportunities, Challenges and Relevance in New Millennium**, Nov., 2004. Department of Post Graduate Studies and Research in Biological Science, Rani Durgavati University, Jabalpur (MP). India. (Poster presentation).
- 2) Association of Microbiologists of India, **45th Annual Conference**, Nov., 2004. National Dairy Research Institute, Karnal (HR), India. (Poster presentation).
- 3) **Second Convention, Biotech Research Society of India (BRSI)**, 2005. Anna University, Chennai. (Poster presentation).
- 4) Association of microbiologists of India, **46th Annual Conference Microbiotech**, 2005. Department of Microbiology, Osmania University, Hyderabad-7. (Poster presentation).
- 5) National seminars on **New Horizons in Life Science**, 2005. Government Post Graduate College Narsinghpur (MP). (Poster presentation).
- 6) National Conference on **Microbial Technology for Sustainable Agriculture**, 2006. Department of Microbiology, DBF Dayanand College of Science, Solapur (MS). (Poster presentation).
- 7) **Vaigyanic tatha Takniki Shabdawali Ayog**, Ministry of Human Resources and Development, Sep. 2006. Regional Research Laboratory, Tiruvanantapuram. (Oral)
- 8) 3rd Convention of BRSI and International Conferences on **Exploring Horizons in Biotechnology: A Global Venture**, Nov., 2006. BRD School of Bioscience, Sardar Patel University, Vallabh Vidyanagar (Gujarat). (Poster presentation).
- 9) Association of microbiologists of India, **47th Annual Conference Microbiotech**, 2006. Department of Biotechnology and Bioinformatics, Barkatullah University, Bhopal (MP). (Poster presentation).
- 10) National Seminar on **Role of Biotechnology in Waste Water Management**, Feb., 2007. Department of Microbiology and Biotechnology, Dhote Bandhu Science College, Gondia (MS). (Poster presentation).
- 11) National Seminar on **Emerging Trends at the Interface of Biotechnology**, Feb., 2007. Department of Microbiology, G.B. Patel Science College, Shahada (MS). (Poster presentation).
- 12) **'3 rd National Seminar and Intellectual property fair on Green Pharmacy'** BRNSS contract research Center, B.R. Nahata college of Pharmacy, Mandsaur MP, 2007.
- 13) **'Biotech Drugs: Need for change in strategies'** IFAC-Core in Green Pharmacy, B.R. Nahata college of Pharmacy, Mandsaur MP in 2008.
- 14) National Workshop on **'Techniques in Industrial Biotechnology'** Mandsaur Institute of Science and Technology, Mandsaur, MP. 2009

- 15) **'Present scenario of quality assurance in higher education'** NAAC sponsored National Seminar, B.R. Nahata college of Pharmacy, Mandsaur MP, 2010.
- 16) **"Impact of Pharmaceutical Education on employment: National and International Perspectives"** DST Sponsored National Seminar, Mandsaur Institute of Pharmacy , 22 nd Dec. 2010.
- 17) **"Advances in Life Sciences for Sustainable Development"** National Conference at S.K. Arts Science and Commerce College, Akola, India, 11-12 Oct. 2011.
- 18) UGC sponsored national conference on **"Pharmacogenomics: revolutionizing Personalized Medicine"** at Nabira Mahavidyalaya, Katol, Dist. Nagpur, 21-22 Sept. 2012. (Poster presentation)
- 19) UGC Sponsored National conference on **"Molecular Biology Techniques: Concept and Application "** at DBSC, Gondia, Feb 2013.
- 20) UGC Sponsored National Seminar on "PCR and its application" at Sindhu Mahavidyalay Katol in Dec. 2014.
- 21) UGC Sponsored National conference on **" Role of Microbial Technology in sustainable agriculture: Challenges and opportunities"** at Nabira Mahavidyalaya Katol Oct. 2015
- 22) RTM Nagpur University Microbiology Teacher Association University Level Workshop on "Examination Reforms in Microbiology at Taywade College, Koradi MS. March 2016.
- 23) DBT Sponsored National Conference on "Recent trends in Biotechnology and Biodiversity (NCBB-2017) Shri Shivaji Science College, Amravati sept.2017.
- 24) One Day National Seminar on "Diversity of Environmental allergens And Its Threat to Human Health" at Taywade College Koradi Feb 2019.
- 25) One Day National Workshop on "Fundamentals of IPR " Nabira Mahavidyalaya, Katol 2020.

