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**Dr. Narsingrao N. Bandela**  
**Professor**  
**M.Sc., Ph.D., F.I.S.C.A.**  
**Department of Environmental**  
**Science**



**Research Highlights:**

- Outstanding research work in the area of Water and Wastewater Management.
- Advanced facilities developed for Treatment of Municipal Solid Waste.

**Research Experience : 26 Years**

**Research Interests :**

Pollution Studies, Water and Waste Water Engineering, MSW & Hazardous Waste Management, Pollution Control Technologies, Environmental Biotechnology & Microbiology,

**Subject Taught:** Environmental Instrumentation and Analysis, Environmental Biotechnology & Microbiology, MSW & Hazardous Waste Management, Ground Water Engineering and Watershed Management, Global Environmental Issues and Climate Change.

**Research Students Guided: 16.**

Research Students Awarded. **08**

Currently working. **08**

**No. of Publications : 44**

**Total Citations :**

- 149 (Google Scholar); h-Index: 5, i-10 index: 3
- 48 (Scopus) h-index 3

**Patents : 02**

1. Patent Number- 259006: "A Method for Treatment of Solid Municipal Waste to Obtain Pulp for Making Paper". (**Granted**)
2. "Applications of Bermuda grass (*Cynodondactylon*) for Phytoremediation of River water" (**Published**)

**Grants Received : 26.94 Lakh**

**Research Grants (BRNS, Mumbai)**

("Spatial Distribution of Uranium and Associated Water Quality Parameters in Groundwater / Drinking Water of Five Districts (Aurangabad, Beed, Buldhana, Parbhani, Jalna) of Maharashtra")

**Book Publications :**

1. *Manual of Environmental Pollution Analysis*
2. *Municipal Solid waste Management*
3. *Agro-based industries & their effluent management*
4. *Industrial biotechnology.... "Beginners guide to industry and healthcare"*
5. *Biotechnological Approached for Environmental Pollution: Case study of Automobile Industries.*

:**03** Books under process.

**Memberships :**

- The Indian Science Congress Association (ISCA) Seasonal Membership.

**Awards and Honors :**

- Worked as Member of Enhancing Quality Assurance in South Asia (EQASA) Erasmus Capacity Building Program in the field of Higher Education.
- Working as a Director UGC-HRDC Dr. B.A.M. University, Aurangabad (Additional Charge).
- **Best Teacher Award** (Dr. B. A. M. University, Aurangabad, INDIA)
- Received best poster award in UGC Sponsored state level symposium.
- Recipient "Paryavaran Puraskar" for contribution in Environmental Studies state level by Bharat Mata Bhau Uddeshiy Sansthan, Naldurg.
- Co-ordinator for Criteria-II (NAAC), Dr. B.A.M. University, Aurangabad
- Life Member of IAAB, Hyderabad

**Selected Research Publications :**

- Amol B. Kale, **N. N. Bandela** & Jeetendra A. Kulkarni (2018) "Radiological and Chemo-Toxicological Risk Assessment of Naturally Occurred Uranium in Ground Water from Aurangabad District of Maharashtra" International Journal of Environmental Science Volume 3, ISSN: 2367-8941, 49-55 **Impact Factor** : 4.69.
- Sushma Darade & **Bandella N.N** (2016) "Interference study of Phosphate and other impurities affecting the estimation of Fe+2 from river Patalganga" (IJAR) Vol-IV, Issue -02, 19-24 **Impact Factor** – 4.58
- Sushma Darade & **N.N. Bandella** (2015) "Novel method for extraction and determination of Fe2+ ion from river patalganga" Journal of applicable chemistry ISSN No. 2278-1862 Vol-IV, Issue -05, 1552-1555 **ImpactFactor** – 3.9.
- Z. J. Musa, **N.N. Bandela** & Aditi Bhattacharya (2015) "Evaluation of Phenolic compound in ground water of Aurangabad City" Indian Streams Research Journal ISSN No. 2230-7850 Vol-5, Issue-07, 1-5 **Impact Factor** – 3.1560.
- Koliyar J. G. & **Bandella N.N.** (2015) "To Study The Status of Grey Water Quality and Tribulations Related to Corrosion in Geyser and Water Bath" Journal of Environmental Research and Development, ISSN No. 2319-5983 Vol-9, Issue – 3A, 896-899, **Impact Factor** – 1.613
- Z. J. Musa & **N.N. Bandela** (2014) "Estimation of Hazardous Phenolic Compounds in Industrial Wastewater" European Academic Research ISSN No. 2286-4822 Vol-II, Issue-08, 10999-11006, **Impact Factor** – 3.1.