

## **Manasa M B**

Assistant Professor

Department of Biotechnology

Bapuji Institute of Engineering & Technology

Davangere-577005

Email: [manasamb\\_bt@bietdvg.edu](mailto:manasamb_bt@bietdvg.edu)



- 
1. **WORK EXPERIENCE:** 10 years. (Teaching-08yrs, Industrial-02yrs)
  2. **EDUCATIONAL QUALIFICATION:**
    - Pursuing Ph.D. in Biotechnology at BIET, under VTU Belgaum.
    - MTech. (Industrial Pollution Control) in First Class with Distinction from National Institute of Technology Karnataka (NITK), Surathkal in 2012.
    - B.E. (Biotechnology) in First Class with Distinction from G.M. Institute of Engineering & Technology, Davangere in 2009.
  3. **DISSERTATION DETAILS:**
    - MTech: “Bioleaching of Metals from E-waste”
  4. **CORE SUBJECTS HANDLED:**
    - Bio-business & Entrepreneurship, Enzyme Technology, Bio-Kinetics, Biochemistry, Cell Biology & Genetics, Cell culture Techniques, Bioreactor Design Concepts, Bioethics Biosafety & Regulatory Affairs, Process Control & Automation, Process Equipment and Plant Design, Ecology and Ecosystem.
  5. **RESEARCH/FUNDED PROJECTS:**
    - A grant of Rs.5000 sanctioned against Institute funding scheme from BIET for the academic year 2021-22 for the project entitled “Preparation of salve using *Mimosa pudica* based on its antibacterial assay”.
  6. **CERTIFICATION/AWARD/ RESEARCH PAPERS PRESENTED IN SEMINARS/ CONFERENCES:**
    - NEBOSH-IGC Certification in Management of International Health & Safety during 2013.
    - NEBOSH International General certification in Occupational Health & Safety.

- NEBOSH International certification on Control of International Workplace Hazards during 2013.
- NEBOSH International certification on International Health & Safety Practical Application.
- Prof. M.S. Chennaveeraiah award for the best research paper presentation in the National conference organized by SOCG, India, Sep, 2025.
- Presented research paper entitled “MALDI-ToF Mass Spectrometry Assisted Profiling of Indoor Airborne Pathogens in NICU Facilities of select Hospitals in Davangere in National conference organized by SOCG, India during Sep, 2025.
- Presented research paper entitled “Assessment of microbial contaminants in indoor environs of select hospitals in Davangere in BIOTRENDCON 2025: International conference on Emerging Trends in Biotechnology, under ICEST-2025 organized by P A College of Engineering, Mangalore during May 2025.

7. **SEMINARS/WEBINARS/FDP/CONFERENCES ATTENDED:**

- Attended 5 days FDP on AICTE Incorporating Universal Human Values in Education (An AICTE Initiative) during Nov22-Nov26, 2021.
- Attended the webinar Unlocking the Power of the SH800 Cell Sorter: Insights from Gene Editing to Immunology FEB 12, 2025.
- Attended the webinar Immune-competent vascularized human cerebral organoids to study brain development and disease: a multiomics approach FEB 13, 2025.
- Attended the webinar Single-cell methylation whole genome sequencing: cell atlases in pig to human xenotransplantation FEB 19, 2025.
- Attended the webinar NovaSeq X Series: One flow cell, multiple omes MAY 20, 2025.
- Attended Faculty Development Program - AI Mastery for Educators by Vishlesan i-HUB IIT Patna during 15<sup>th</sup> May – 7<sup>th</sup> June 2025.
- Attended 5-days online FDP event conducted during 24th - 28th June 2025 by Department of Physics (DST-FIST & DST-PURSE sponsored) on Multidisciplinary Innovations in Advanced Sustainable Materials and Technologies in association with the KL-Academic Staff College and Materials Research Society of India (MRSI), Koneru Lakshamaiah Education Foundation (KLEF), Green Fields, Vaddeswaram, Guntur.
- Attended the webinar Accelerate and simplify spatial proteomics for translational research with the EVOS S1000 Spatial Imaging System 2<sup>nd</sup> September 3rd, 2025.

- Attended webinar on Revolutionising Pharma: How Intelligent Automation Accelerates R&D and QC Inspection Processes on Sep 4<sup>th</sup> 2025.
- Attended One-day Outreach Summit on Emerging Technologies and Professional Issues organized by IISc Challakere Campus in association with IEEE Bangalore Section on 21 Feb 2026. Attended webinar on “Biotech Education on Personalised Medicine” organised by VIT, Chennai in associated with The Hindu Group on 22<sup>nd</sup> Feb 2026.

## 8. **MEMBERSHIP**

- Life member of Indian Society for Technical Education.
- Member of the Society of Cytologists and Geneticists for the year 2025.

## 9. **WORKSHOP/CONFERENCE ORGANIZED:**

- Organized 5-day workshop on “Scope of IPR, Entrepreneurship and Bioreactor Design in Biotechnology” during 17<sup>th</sup> – 21<sup>st</sup> May 2022.
- Organized forum activities under the BIOLIT forum in Department of Biotechnology during 2022-23 & 2024-25.
- Organized “IDEATHON 2025” as Departmental coordinator in Entrepreneurship Development Cell during 21<sup>st</sup> & 24<sup>th</sup> March, 2025.
- Organized workshop on “Collaborative and Advanced Research Project Proposal Presentations” in collaboration with Karnataka Association for the Advancement of Science (KAAS, Bengaluru) during 21<sup>st</sup> October 2024.