Dr. Jignaben Pranavkumar Naik

Head (MLT) & Assistant Professor
Department of Microbiology & MLT
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Professional Summary

Experienced academic and researcher with over 18 years in medical laboratory technology and microbiology. Proven expertise in teaching, research supervision, curriculum development, and scholarly publication. Holds leadership roles within academic and university-level committees, with a strong record of funded research and scientific contributions.

Education

Degree	Year	Institution	Specialization
Ph.D.	2012	VNSGU, Surat	Microbiology
M.Phil.	2010	VNSGU, Surat	Microbiology
M.Sc.	2000	VNSGU, Surat	Medical Technology
B.Sc.	1997	VNSGU, Surat	Microbiology
PGDMLT	1998	VNSGU, Surat	Medical Lab Technology
LSGD	2004	All India Institute of Local Self Government, Mumbai	Local Self Government
CFN	2004	IGNOU, New Delhi	Food & Nutrition
CCC+	2012	DOEACC	Computer Literacy

Professional Experience

Head (Medical Laboratory Technology) & Assistant Professor,
Department of MLT & Microbiology, Arts, Science & Commerce College, Kholwad, KCR, Surat | Oct 2006 – Present

- Teaching postgraduate courses in MLT
- Research supervision for M.Phil and Ph.D. students
- Served as examiner, paper setter, and chairman for B.Sc., M.Sc., and PGDMLT exams
- Member of various academic and research committees at VNSGU

Medical Laboratory Technologist,
Surat Municipal Institute of Medical Education & Research, Surat
| Dec 2000 – Oct 2006

- Non-teaching work in diagnostic laboratories
- Gained hands-on experience in clinical diagnostics and lab management

Research & Publications

- **Ph.D. Thesis**: Phenotypic & Molecular detection of CTX-M ESBL in *E. coli*
- **M.Phil.**: Biovars and Serovars of *E. coli* from clinical samples
- **M.Sc.**: Troponin C purification from human heart tissue
- **Research Guidance**: M. Phil-3; Ph.D.- 4+1 (ongoing-Thesis submitted)
- **Funded Projects**:
    - Minor: UGC-VNSGU (Principal Investigator, Completed)
    - Major: DST-STBI (Team Leader & Mentor, Completed),
    - Major: ICMR (Principal Investigator, Completed)
- **Publications**: 25 papers (1 under review), 6 book/chapters
- **Conference Presentations**: 32 (7 as lead author, 25 co-authored)

Certifications & Trainings

- Orientation-1 & Refresher Courses-2 by UGC
- Technical & skill development: Molecular biology workshops-3, Conferences-Seminars Attended – 30+,
- Certified Peer Reviewer
- Science Fair Referee
- Life Member: Vigyan Gurjari, Medical Laboratory Association

Academic Contributions & Committees

- Chairman, Board of Studies – Medical Technology, VNSGU
- Member, Faculty of Science & Admission/Research Committees, VNSGU
- PG & Ph.D. Recognized Teacher, VNSGU
- Invited Expert for Faculty Interviews, VNSGU & BMU
- Local Inquiry Committee Member for College Affiliation

Technical & Soft Skills

- Microbiology Techniques | Clinical Diagnostics | Lab Management
- Research Supervision | Scientific Writing | Curriculum Design
- Data Analysis | Microsoft Office | CCC+ Certification