

## SCIENTIST PROFILE

**Name:** Dr. Bhushan B. Kulkarni  
**Designation:** Assistant Professor Grade-I  
**Qualification:** M.Sc. (Applied Genetics); Ph.D; K-SET  
**Specialization:** Molecular Genetics, Cancer Biology, Epigenetics  
**Contact:** +91-9886160123  
**Email:** [bhushan\\_kulkarni@kledeemeduniversity.edu.in](mailto:bhushan_kulkarni@kledeemeduniversity.edu.in)



### Teaching & Research Experience 16 years

- Assistant Professor Grade-I / Scientist Grade-II, Dr. Prabhakar Kore Basic Science Research Centre (BSRC), KAHER, Belagavi (March 2022 – Present)
- Assistant Professor, Department of Biotechnology, Ganpat University, Gujarat (March 2020 – Feb 2022)
- Assistant Professor, P.C. Jabin Science College, Hubballi (Aug 2013 – Feb 2020)
- Guest Faculty (M.Sc. Biotechnology – Genetics, Cell Biology, Cancer Biology, etc.) (2009–2013)
- UGC Project Fellow, Department of Biotechnology, P.C. Jabin Science College (2009–2012)
- Project Trainee, Research Center for DNA Diagnostics (RCDD), Karnatak University, Dharwad (2008–2009)

### Research Focus

My research focuses on molecular genetics, epigenetics, and translational research in cancer and related disorders, particularly on biomarker discovery and validation using genetic and methylation-based approaches.

The primary disease focus includes breast cancer, cervical cancer (HPV-associated), oral potentially malignant disorders (OPMDs), oral squamous cell carcinoma (OSCC), dental caries, and non-syndromic hearing loss (with emphasis on consanguinity).

Current work involves saliva-based non-invasive molecular diagnostics for oral diseases, and NAAT-based high-risk HPV detection under an ICMR-funded program, aimed at early detection and clinically relevant applications.

### Achievements / Awards

- Best Oral Presentation – Global Cancer Summit, IISc Bengaluru (2015)
- Best Oral Presentation – International Conference on DNA Forensics, NFSU Dharwad (2023)

## **Academic Contributions**

- **Publications:** 29
- **Books / Book Chapters:** 2
- **Conferences Attended:** 26
- **Papers Presented:** 7

## **Research Projects**

- Principal Investigator – 2
- Ongoing Funded Projects – 1 (KAHER funded)

## **Research Guidance**

- **Ph.D. Scholars:** 4
- **Postgraduate Students:** 27

## **Administrative / Academic Roles (BSRC–KAHER)**

- Research Laboratory Coordinator, JNMC Women's & Children's Health Research Unit, KAHER
- Single Point of Contact (SPOC), NAIN 2.0, Government of Karnataka (March 2026 onwards)
- Internal Member, Institutional Biosafety Committee (IBSC), KAHER (Dec 2025 onwards)
- Member (Former Chairman), Scientific Review and Synopsis Committee, BSRC, KAHER (Jan 2023 – Present)
- Organizing Secretary, National Conference "Cracking Code of Life – Molecular Biology in Action" (BSRC, 2024)
- Joint Organizing Secretary, National Conference "Genomics in Infectious Diseases (GILDCON 2025)" (BSRC)
- Organizing Committee Member, workshops and training programs, BSRC, KAHER (2022–2025)