

## Scientist Profile

**Name:** Dr. Madhavi Narayan Patil

**Designation:** Assistant Professor Grade-II

**Qualification:** M. Sc., Ph.D. (Molecular Biology and Human Genetics), M.Sc. (Biochemistry)

**Specialization:** Molecular Biology, Cytogenetics, Cancer genetics and Biochemistry.

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### Work Experience:

#### Teaching Experience: 8 years

- Assistant Professor II: September 2022- till date, Assistant Professor II, Dr. Prabhakar Kore Basic Science Research Center, KAHER, Belagavi
- Lecturer: Sep 2007 – April 2014, Lecturer in Biotechnology, Faculty of allied sciences, Krishna Institute of Medical Sciences Deemed University, Karad.
- Lecture: Sept. 2006 - May 2007 Lecturer in Biotechnology in KIT's college of Engg. Kolhapur.

#### Research Experience: 9 years

- April 2014 – September 2022, Technical Manager & Research Officer, Department of Molecular Biology and Genetics, Krishna Institute of Medical Sciences, Karad.
- November 2024 - October 2025, Project Research Scientist-I, ICMR-NITM, Belagavi.

### Research Focus:

My research centres on Cytogenetics and cancer genetics, with a particular emphasis on genetic polymorphisms in cancer-related genes. I have conducted extensive studies across various cancer types, including oral, cervical, gastrointestinal, lung, and breast cancers. Through these investigations, I aim to understand how genetic variations influence cancer susceptibility, progression, and response to treatment. My work has resulted in over 50 research publications, contributing valuable insights to the field of oncogenetics and paving the way for more personalized approaches to cancer diagnosis and therapy.

### Achievements / Awards:

Best Researcher Award 2021-2022, KIMSDU, Karad in recognition for highest number of publications original research manuscripts.

Recognised as Guide for Ph.D. studies by KAHER.

**Publications : 50**

**Book Chapters: 1**

**Conferences**

- Conferences Attended: 10
- Papers Presented: 6

**PG Students Guided: 45**