



Dr. Sonali Patle

Inspiring Young Minds Through Science and Discovery

ABOUT ME

Dr. Sonali Patle brings over 20 years of academic and research experience in the field of Biotechnology and Microbiology. With a Ph.D. from The Energy and Resources Institute (TERI), she is passionate about simplifying complex scientific ideas and nurturing curiosity among learners. Her classes combine real-world research insights with engaging, hands-on learning.

AREAS OF EXPERTISE

- **Microbiology & Biotechnology**
- **Environmental & Microbial Research**
- **Molecular Biology & Genetic Engineering**
- **Science Communication & Research Skills**
- **STEM Enrichment and Concept-Based Learning**

PROFESSIONAL HIGHLIGHTS

- **Over two decades of teaching and research experience across reputed institutions and EdTech platforms.**
- **Former Assistant Professor at Ajay Kumar Garg Engineering College and Sr. Scientific Officer at Panacea Biotech Ltd.**
- **Research Scholar at TERI, working on DBT-sponsored biofuel and microbial degradation projects.**
- **Skilled in both in-person and online education, connecting theory with practical application.**
- **Currently associated with ARIK Bio Class, delivering interactive global biology sessions.**

EDUCATION

- **Ph.D. – Microbial Biotechnology**
The Energy and Resources Institute (TERI),
New Delhi, India
- **M.Sc. – Microbiology**
Amravati University, Maharashtra

EXPERIENCE

- **Online Tutor | ARIK Bio Class**
(Aug 2018 – Present)
 - Deliver interactive sessions in Biology and Biotechnology for global students. Foster conceptual clarity through research-integrated teaching methods.
- **Subject Matter Expert (Biotechnology) | Agicent Technologies Pvt. Ltd.**
(Apr 2021 – Present) (Part-time)
 - Provide domain expertise for biotech-based digital content. Collaborate with developers and instructional designers to ensure accuracy and engagement.
- **Assistant Professor | Ajay Kumar Garg Engineering College**
Ghaziabad, India (2013–2021)
 - Taught undergraduate and postgraduate Biotechnology courses. Designed lab modules and contributed to research-led education.
- **Assistant Professor | Vishveshwarya Group of Institutions**
Greater Noida, India (2012–2013)
 - Delivered lectures on Microbiology and Biosciences. Led practical sessions and guided student projects.