

FACULTY PROFILE

Personal Information

Name: Ms. Kavitha Nagalapur

Designation: Organic Chemistry Faculty / Chemistry Lecturer

Profession: Chemistry Educator and Academic Mentor

Gender: Female

Languages Known: English, Hindi, Kannada, German



Professional Summary

Ms. Kavitha Nagalapur is an experienced Chemistry educator with a specialization in Organic Chemistry. She holds a Master of Science (M.Sc.) in Organic Chemistry from Karnatak University and has qualified UGC-NET with AIR 33.

She possesses professional experience in both industry and academics, including experience as a Research Associate at AstraZeneca Pvt. Ltd., Bengaluru, and extensive teaching experience with reputed educational institutions including BASE Pvt. Ltd., DCFL Bangalore, and Kumarans Bangalore.

With over a decade of experience in Chemistry education, she has trained students for board examinations and competitive examinations while focusing on conceptual understanding, curriculum development, and student mentoring.

Educational Qualification

Master of Science (M.Sc.) – Organic Chemistry

Institution: Karnatak University, India

Duration: 2008 – 2010

Bachelor of Science (B.Sc.)

Institution: Karnatak College, India

Duration: 2005 – 2008

National Eligibility Test (UGC-NET)

Achievement: AIR 33

Professional Experience

Total Teaching Experience: 12 Years

Online Chemistry Tutor

Location: Munich, Germany

Duration: Current

Key Responsibilities:

- Providing one-to-one online Chemistry tutoring for Class 10, 11, and 12 students.
- Creating customized lessons based on individual learning requirements.
- Preparing students for board examinations and competitive examinations such as JEE, NEET, and KVPY.

Volunteer Author – Serlo.com

Location: Munich, Germany

Duration: April 2024 – January 2025

Key Responsibilities:

- Contributing free and open-source educational resources for students.
- Participating in content review processes to maintain educational quality standards.

Chemistry Lecturer

Location: Bengaluru, India

Duration: 2013 – 2022

Institutions Associated:

- BASE Pvt. Ltd., Bangalore
- DCFL Bangalore
- Kumarans Bangalore

Key Responsibilities:

- Collaborated with renowned educational institutions.
- Adapted teaching methodologies to suit diverse student learning needs.
- Trained students for competitive examinations.
- Collaborated with educators, school administrators, and community members to enhance educational quality.
- Participated in research and data analysis related to educational initiatives and learning outcomes.

Research Associate

Location: Bengaluru, India

Organization: AstraZeneca Pvt. Ltd.

Duration: 2010 – 2012

Key Responsibilities:

- Independent synthesis of novel molecules.
- Application of purification techniques.
- Submission of organic compounds for biological activity studies.
- Participated in team discussions and decision-making processes related to research findings.
- Evaluated research data and contributed to formulation of actionable insights.

Areas of Expertise**Chemistry**

- Organic Chemistry
- Pre-University Chemistry
- Board Examination Preparation
- Competitive Examination Preparation

Competitive Examination Coaching

- JEE
- NEET
- KVPY

Academic Support

- Class 10 Chemistry
- Class 11 Chemistry
- Class 12 Chemistry

Professional Highlights and Achievements

- M.Sc. in Organic Chemistry from Karnatak University.
- Qualified UGC-NET with AIR 33.
- Professional industry experience at AstraZeneca Pvt. Ltd., Bengaluru.
- More than 12 years of Chemistry teaching experience.
- Faculty experience with BASE Pvt. Ltd., Bangalore.
- Faculty experience with DCFL Bangalore.

- Faculty experience with Kumarans Bangalore.
- Experience in preparing students for board and competitive examinations.
- Contributor to open-source educational content through Serlo.com.

Teaching Approach

Ms. Kavitha Nagalapur focuses on simplifying complex Chemistry concepts and creating an engaging learning environment for students.

Her teaching methodology includes:

- Customized lessons based on student learning requirements.
- Concept-based teaching for deeper understanding.
- Curriculum-focused instruction.
- Student mentoring and academic guidance.
- Competitive examination preparation support.
- Continuous assessment and feedback integration.

She is committed to helping students build a strong foundation in Chemistry and develop confidence in the subject.