

◆ MODERN EDUCATION SOCIETY'S ◆

NOWROSJEE WADIA COLLEGE, PUNE

FACULTY ACADEMIC PROFILE



SHAHNOOR FATIMA

Assistant Professor • Biotechnology

Highest Qualification: M.Sc.

Specialization: Biotechnology

Official College Email: Shahnoorfatima@nowrosjeewadiacollege.edu.in

PROFESSIONAL SNAPSHOT

Accomplished Biotechnologist and Data Analyst with a specialized focus on Molecular Biology and Taxonomy and Phylogeny. Ranked AIR 32 in CSIR-UGC NET and AIR 415 in GATE. Expert in gene cloning and transcriptome analysis, recently upskilled in SQL, R, and Tableau to bridge the gap between wet-lab research and computational data science. Dedicated Biotechnology Research Professional with four years of experience in Molecular Biology, committed to fostering the next generation of scientists through evidence-based teaching.

EDUCATION

Qualification	University / Institution	Year
CSIR UGC NET (Lectureship) (AIR 32)	CSIR	2016
GATE (AIR 415)		2016
MSc Biotechnology	Isabella Thoburn College (University of Lucknow)	2014
BSc Biology	Isabella Thoburn College (University of Lucknow)	2012

TEACHING & ACADEMIC INTERESTS

• Biotechnology • Life Science • Molecular Biology, Analytical Techniques • Histology, Embryology

RESEARCH & PUBLICATIONS

- Research Area: Plant Biotechnology
- Selected Publications:
 1. Molecular studies of Flavopunctelia and Punctelia species... (2022) | Mycotaxon.
 2. Deciphering the symbiosis of endemic Usnea ghattensis. (2022) | Microbial Biosystems.
 3. Fungal Planet description sheets: 1182–1283 (2021) | Persoonia.
 4. Comparative transcriptome analysis of Bacopa monnieri. (2017) | BMC Genomics.

ACHIEVEMENTS & PROFESSIONAL DEVELOPMENT

Award

- Prof Kamal Merit Award Second Prize in Poster Competition, International Symposium on Fungal Biology

Certification

- CSIR UGC NET (AIR 32) 2016
- GATE (AIR415) 2016
- Scientific Writing Certificate: Stanford University (Online)
- Data Analyst Professional Certificate (2025)

ACADEMIC RESPONSIBILITIES

- Assisted postgraduate students in designing experimental protocols and analyzing data for their final year dissertations in ARI
- Mentored children in their field project.