

FACULTY ACADEMIC PROFILE



Bindiya Oberoi

Assistant professor Biotechnology Department

M.Sc Biotechnology, Qualified Gate LS and BT

Department of Biotechnology

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An experienced educator with a Master's degree in Biotechnology and approximately 10 years of teaching experience in college level education. Possesses a strong academic foundation in biotechnology and a keen interest in bioinformatics, computational biology, and emerging applications of artificial intelligence in life sciences. Committed to delivering concept oriented teaching, simplifying complex scientific concepts, and fostering analytical thinking among students. Passionate about integrating theoretical knowledge with practical applications to enhance student learning, scientific understanding, and academic development.

EDUCATION

Qualification	University / Institution	Year
M.Sc. Biotechnology	DAVV	2014

TEACHING & ACADEMIC INTERESTS

Teaching Interests

- Biotechnology and Molecular Biology
- Genetics, Cell Biology, and Genetic Engineering
- Bioinformatics and Computational Biology
- Artificial Intelligence and Machine Learning applications in Life Sciences
- Computer-Aided Drug Design (CADD) and Biological Data Analysis

Academic Interests

- Integration of artificial intelligence and computational tools into biological research
- Computational analysis of biological sequences and molecular data
- Application of bioinformatics in drug discovery and healthcare research
- Development of innovative, student-centered teaching methodologies
- Practical and research-oriented learning to strengthen students' analytical and problem-solving skills

ACADEMIC RESPONSIBILITIES |

- **M.Sc. Programme Coordination:** Coordinating academic activities for the M.Sc. programme and facilitating smooth academic administration.
 - **Examination Coordination and Student Support:** Addressing student queries related to examinations, providing guidance on examination procedures, and assisting with the resolution of examination-related concerns.
 - **Project and Field Project Documentation:** Preparing and coordinating project and field project files to support academic requirements and practical learning.
 - **Publication Committee:** Contributing to the activities of the Publication Committee at Nowros
 - **Board of Studies (BoS):** Serving as a member of the Board of Studies and contributing to academic planning and curriculum-related discussions.
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