

## **FACULTY PROFILE**

### **Personal Information**

**Name:** Ms. Deepali Manchanda

**Designation:** Biology Faculty / Botany

Lecturer

**Profession:** Biology and Botany Educator

**Gender:** Female

**Languages Known:** English, Hindi, Punjabi



### **Professional Summary**

Ms. Deepali Manchanda is an experienced Biology educator with over 8 years of teaching experience in Biology and Botany for NEET aspirants and Board examination students. She has worked with reputed educational organizations including Aakash Educational Services, Infinity Learn (Sri Chaitanya Educational Institute), Vedantu Learning Center, and Chemacademy. She specializes in NCERT-based Biology instruction and is known for delivering structured, outcome-focused, and personalized learning sessions. Her teaching methodology emphasizes conceptual understanding, syllabus coverage, and individualized doubt resolution to help students build confidence and achieve academic success.

Ms. Manchanda has also conducted live YouTube Botany classes for Infinity Learn and has extensive experience teaching both online and offline modes.

### **Educational Qualification**

**Master of Science (M.Sc.) – Botany**

**Institution:** Hindu College, University of Delhi

**Duration:** June 2017 – May 2019

**Score:** 70%

**Bachelor of Science (B.Sc. Hons.) – Botany**

**Institution:** Miranda House, University of Delhi

**Duration:** May 2014 – May 2017

**Score:** 91%

## **Professional Experience**

**Total Teaching Experience:** 8 Years

**Online Teaching Experience:** 5 Years

**Botany Lecturer – Vedantu Learning Center, Janakpuri, Delhi**

**Duration:** January 2024 – Present

### **Key Responsibilities:**

- Delivering offline and live online Botany classes for NEET aspirants.
- Utilizing interactive platforms to facilitate real-time student interaction.
- Designing and updating digital course materials including quizzes, assignments, and interactive modules aligned with the latest NEET syllabus.
- Conducting personalized doubt-clearing sessions and providing academic and career mentorship.
- Collaborating with cross-functional teams to enhance the learning experience through technological innovations.
- Participating in regular training sessions to stay updated with trends in online education and student engagement strategies.

**Botany Lecturer – Infinity Learn (Sri Chaitanya Educational Institute)**

**Duration:** August 2022 – December 2023

### **Key Responsibilities:**

- Conducted Botany classes for NEET aspirants using digital tools and interactive teaching methodologies.
- Collaborated with content development teams to create digital learning resources, including video lectures and e-books.
- Conducted YouTube live classes covering the NEET Botany syllabus through Infinity Learn's official platform.
- Implemented adaptive teaching strategies based on student performance analytics.
- Participated in continuous professional development activities related to educational technologies and teaching methodologies.

**Botany Lecturer – Aakash Educational Services Pvt. Ltd.**

**Duration:** July 2021 – July 2022

**Key Responsibilities:**

- Conducted classroom and online Botany sessions for NEET aspirants.
- Ensured complete syllabus coverage within academic timelines.
- Developed and reviewed study materials, assignments, test papers, and daily practice worksheets.
- Organized additional support classes for students requiring academic assistance.
- Conducted enrichment sessions for high-performing students.
- Participated in faculty development programs and teaching methodology workshops.

**Biology Lecturer – Chemacademy**

**Duration:** June 2019 – June 2021

**Key Responsibilities:**

- Delivered Biology lectures for NEET aspirants with emphasis on conceptual learning and application-based understanding.
- Developed study materials, practice questions, and mock tests aligned with the NEET syllabus.
- Conducted regular doubt-clearing sessions.
- Collaborated with faculty members to design teaching modules and assessment tools.
- Monitored student progress through periodic evaluations and feedback mechanisms.

**Areas of Expertise****Medical Entrance Examination Preparation**

- NEET Biology
- Biology for NEET
- Zoology for NEET
- Botany for NEET

## **Academic Biology Programs**

- Biology (All Levels)
- Grade 10 to Master's/Postgraduate Level

## **Botany**

- Botany (Honours and General)
- Beginner to Expert Level

## **Life Sciences**

- Life and Earth Sciences
- Beginner to Intermediate Level

## **International Curriculum**

- AP Biology

## **Teaching Approach**

Ms. Deepali Manchanda follows a concept-driven teaching methodology focused on understanding rather than memorization. Her instructional approach includes:

- NCERT line-by-line teaching methodology.
- Structured and syllabus-mapped lesson planning.
- Outcome-focused classroom sessions.
- Personalized doubt-clearing support.
- Interactive and student-friendly learning environment.
- Conceptual understanding of biological processes.
- Visual and relatable teaching techniques for improved retention.
- Individual attention to address learning gaps and strengthen academic performance.

Her teaching philosophy is based on helping students understand biological concepts deeply so that learning becomes meaningful and long-lasting.

### **Professional Highlights**

- More than 8 years of teaching experience in Biology and Botany.
- Faculty experience with Aakash Educational Services Pvt. Ltd.
- Faculty experience with Infinity Learn (Sri Chaitanya Educational Institute).
- Faculty experience with Vedantu Learning Center.
- Conducted live YouTube Botany classes for Infinity Learn.
- Specialized in NCERT-focused preparation for NEET and Board examinations.
- Experienced in both online and offline teaching environments.