

Curriculum-vitae



Dr. Harsh Manchanda

Designation	Assistant Professor
Qualification	M.Sc., M.Phil, Ph.D. (GATE qualified)
Teaching Experience	15 years
Area of Specialization:	Cyanobacterial Physiology

Subject-Class being taught:

B.SC I : Paper I Plant diversity

B.Sc III : Plant Physiology

M.Sc I : Phycology (1st Sem), Morphology, Taxonomy and Phylogeny of Angiosperms (2nd Sem)

M.Sc II : Plant Physiology (3rd Sem) and Plant Biochemistry (4th Sem)

B.Sc. II Practicals

Research Papers presented/published:

International level

- Presented a paper entitled “Physiological characterization of cyanobacterium *Nostoc muscorum* isolated from saline-alkali soils of a semi-arid region” in International conference on Advancement in Science and Technology organized by University School of Sciences, Rayat-Bahra University, Mohali (Punjab) on April 20, 2017.

National level

- Presented a paper (poster) entitled “Biotechnology – The Future of Mankind” in National Seminar on “Biological Sciences: Prospects and Perspectives”

organized by Department of Bioinformatics and Biotechnology, DAV College, sector 10, Chandigarh, held on February 28, 2017

Book published

- Published a book entitled 'Plant Physiology - Learn Easy' by Unistar Publications, Mohali (ISBN No. 978-93-5113-775-7) 2016.

Research Projects

- Study of Fresh Water Algal Diversity in some of the water bodies of Chandigarh (2016) (along with M.Sc. Students)
- Effects of Different Levels of Salicylic acid on *Avena sativa* & *Pisum sativum* seeds (2017) (along with M.Sc. Students)

Faculty Development programmes attended

- **FDP on Research Methodology** organized by Human Resource Development Centre, Panjab University, Chandigarh from 25.09.2018 to 1.10.2018
- **FDP on Environment Awareness** organized by Human Resource Development Centre, Panjab University, Chandigarh from 18.1.19 to 24.1.19

No. of Lectures/workshops organized

- **“One day lecture cum training workshop on importance of medicinal plants and their vegetative propagation”** for faculty from college & other institutions, students & gardeners of the local colleges organized by Department of Botany and “Prakriti – The Environment Society of College”, conducted & sponsored by National Medicinal Plants Board, Chandigarh Administration on 7th Feb 2017
- Participated as Member Environment Society for organizing the function on Akshay Urza Celebrations held at PGGCG-11 on August 20, 2016.

No. of Lectures/workshops attended

- Attended one day capacity building workshop on “Digital Economy and Cyber security” organized by PGGCG-11, Chandigarh on Jan. 20, 2017.
- Participated in one day workshop on Solar Energy- A Key to future organized by science society of PGGCG-11, held on March 29, 2017

College duties

- Member of admission committee

- Member of Lecture shortage consolidation committee for B.Sc. I (M, NM & CS).
- Performed proctorial duties.
- Tutorial Incharge for B.Sc. I (Medical).
- Performed duty of superintendent, Deputy superintendent and invigilation and Evaluation in P.U. Annual and semester examination.
- External and internal examiner for practical examinations of B.Sc. II (Medical), M.Sc. I and II.
- Prepared question paper for practical exams of the concerned post graduate classes.
- Member of hospitality committee in various function held at college.
- Member of Decoration committee.
- Member of Stock Taking committee.
- Actively participated as member of various committees on Youth festival, Annual prize distribution, Sports day, convocation, Science day celebrations, and students elections etc

Departmental Duties

- Member of environment society 'Prakriti'.
- Maintenance and upkeep of botanical garden.
- Taking students to botanical Garden of college and P.U. to familiarize them with botanical nomenclature of plant and their utility
- Preparing students of M.Sc. IV (Semester) for seminars and field study reports.
- Some students of M.Sc. II were guided for research project.