

EDITORIAL BOARD MEMBER PROFILE

Name:

Dr. (Mrs.) Charu Asija

Designation:

Associate Professor, Department of Biotechnology

Indus Degree College, Jind, Haryana, India

Email: Charuasija05@gmail.com

Nationality: Indian

Academic Qualification (Highest):

Ph.D. in Biotechnology – Maharishi Markandeshwar University, Mullana, Ambala

Professional Summary:

Dr. Charu Asija is an accomplished biotechnologist and academician with extensive experience in phytopharmaceuticals, natural product research, plant tissue culture, microbial techniques, and biochemical analysis. Her Ph.D. work focused on in vitro antithrombosis properties of medicinal plants, combining biotechnology, pharmacy and nursing research. She has served as Assistant Professor since 2012 and currently works as Associate Professor at Indus Degree College, Jind.

Teaching & Academic Experience:

- Associate Professor, Indus Degree College, Jind (2021–present)
- Assistant Professor, Indus Degree College, Jind
- Assistant Professor, Maharishi Markandeshwar University, Mullana (2012–2014)
- Expertise in biotechnology, microbiology, phytopharmaceuticals & natural product screening

Research Publications:

- Role of Whole Plant Extract of *Nelumbo nucifera* in Thrombolysis (2019)
- Antibacterial & Antithrombotic Activity of *Nelumbo nucifera* Leaves (2017)

Conference Presentations:

- National Seminar on Medicinal Plants Research – Jamia Hamdard University (UGC-SAP)
- RACES-2015 – Multani Mal Modi College, Patiala
- International Conference NAMASTE-2020 – Dehradun
- INSPIRA International Multidisciplinary Conference, Jaipur

Laboratory & Technical Skills:

HPLC • GC-MS • HPTLC • Plant Tissue Culture • Microbial Culture Techniques • Soxhlet Extraction • UV-Spectrophotometry • Animal Handling in Laboratory Research

Areas of Expertise:

Biotechnology • Phytopharmaceuticals • Natural Product Chemistry • Microbiology • Medicinal Plant Research • Laboratory Instrumentation