

BRIEF BIO-DATA

Amit Sharma

Department of Biotechnology and Microbiology

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Educational Qualifications:

- Qualified Graduate Aptitude Test in Engineering (GATE-2021) in Biotechnology.
- Qualified State-level Eligibility Test (SET-2018) in Life Science conducted by H.P. Public Service Commission in 2019.
- M.Sc. in Molecular Biology and Biotechnology from Dr Y.S. Parmar University of Horticulture and Forestry, Solan (2017).
- B.Sc. (Honours) in Biotechnology from Himachal Pradesh University, Shimla (2014).

Others:

- M.A. in Political Science from Indira Gandhi National Open University, New Delhi (2021).
 - Qualified UGC-NET in Political Science (2024).
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Professional Experience:

- Working at RKMV, Shimla since November 2021.
 - Worked as Assistant Professor in Department of Agriculture, Khalsa College, Amritsar, Punjab (2018).
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Publications:

- Thakur N, Nath A & **Sharma A**. Optimization of production conditions, isolation, purification, and characterization of tannase from filamentous fungi. *Folia Microbiol* (2024).
 - Kamble R S, Pawar R, Dishri M, Dobhal S, Kanungo S, **Sharma A** & Thakur N. In vitro studies in red dacca (*Musa acuminata*): an ornamental horticultural crop. *Vegetos* (2024).
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Trainings and Workshops:

- Participated in one week training-cum-workshop on “Intellectual Property Rights” organized by IQAC, RKMV, Shimla in collaboration with HIMCOSTE from 21st - 28th March 2024.
- Participated in one week FDP on “Teaching and Research Practices” organized by Department of Biotechnology and Bioinformatics at Jaypee University of Information Technology, Waknaghat, Solan from 5th - 10th June 2023.
- Participated in workshop on “Bio-entrepreneurship and Bio-enterprise Creation” organized by Biotech Consortium India Ltd., Mohali Biotech Park, Punjab State Council for Science and Technology, and Centre of Innovative and Applied Bioprocessing, at Mohali on 2nd - 3rd September 2016.
- Participated in workshop on “Technological Advancements in Plant Pathology” organized by Department of Plant Pathology, Dr YSPUH&F, Nauni, Solan on 4th May 2016.
- Participated in training on “Application of Bioinformatics Tools in Plant Sciences” organized by Department of Biotechnology, Dr YSPUH&F, Nauni, Solan on 12th - 13th January 2016.

Technical Expertise:

UV-Vis Spectrophotometry, Centrifugation, Polyacrylamide Gel Electrophoresis (Native and SDS), Autoclave, Haemocytometer, Aseptic techniques, Microscopy, Protein isolation and purification strategies, plant tissue culture.

Teaching Skills:

- Biochemistry
 - Cell Biology
 - Genetics
 - Molecular Biology
 - Plant Biotechnology
 - Industrial Biotechnology
 - Environmental Biotechnology
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