




Faculty Profile

Title	Dr	First Name	Pritam	Last Name	Kaur	Photograph
Designation		Assistant Professor (Adhoc)				
Address (Office)		AC block, Flat No. 111, Shalimar Bagh, Delhi - 110088				
Contact No. (Mobile)		9999413161				
Email		Pritam.kaur@gargi.du.ac.in				
EDUCATIONAL QUALIFICATIONS						
Degree		Institution				Year
Ph.D		Department of Botany, North Campus, University of Delhi				2010-2018
M.Sc.		Hansraj College, University of Delhi				2005-2007
B.Sc.		Hansraj College, University of Delhi				2002-2005
CAREER PROFILE/ EMPLOYMENT						
<ul style="list-style-type: none">Teaching in Gargi college University of Delhi Since January 2020 Assistant Professor (Ad-hoc)Taught in SGTB Khalsa College University of Delhi From July 2019 – December 2019 Assistant Professor (Ad-hoc)Taught in SGTB Khalsa College University of Delhi From March 2019 – April 2019 Assistant Professor (Guest)Taught in Aurobindo College University of Delhi From August 2017 – April 2019 Assistant Professor (Guest)						
RESEARCH PROJECTS (MAJOR GRANTS/RESEARCH COLLABORATION)						
NA						
AWARDS AND DISTINCTIONS						
NA						
PUBLICATIONS						
<ul style="list-style-type: none">Agarwal P, Soni R, Kaur P, Madan A, Mishra R, Pandey J, Singh S, Singh G. 2022. Cyanobacteria as a Promising Alternative for Sustainable Environment: Synthesis of Biofuel and Biodegradable Plastics. Frontiers in Microbiology. DOI:10.3389/fmicb.2022.939347 (Impact factor – 6.064)						

- Kathpalia R, Kaur I, **Kaur P**. 2022. Hydroponics – Changing Plantation Zones. International Journal of Multidisciplinary Educational Research. DOI: <http://ijmer.in.doi./2022/11.06.65>
- Shukla N, Yadav R, **Kaur P**, Rasmussen S, Goel S, Agarwal M, Jagannath A, Gupta R, Kumar A. 2017. Transcriptome analysis of root-knot nematode (*Meloidogyne incognita*) infected tomato (*Solanum lycopersicum*) roots reveals complex gene expression profiles and metabolic networks of both plants and nematode during susceptible and resistance response. Mol. Plant Pathol. Doi: 10.1111/mpp.12547. (Impact Factor - 4.33)
- **Kaur P**, Shukla N, Joshi G, VijayaKumar C, Jagannath A, Agarwal M, Goel S, Kumar A. 2017. Genome-wide identification and characterization of miRNAome from tomato (*Solanum lycopersicum*) roots and root-knot nematode (*Meloidogyne incognita*) during susceptible interaction. PLoS One. Doi: 10.1371/journal.pone.0175178. (Impact Factor – 4.41)
- Shukla N, **Kaur P**, Kumar A. 2016. Molecular aspects of plant-nematode interactions. Ind. J. Plant Physiol. 21(4):477-488. (Impact factor – 0.72)

CHAPTERS/STUDY MATERIALS

- Kaur P, Patial V, Kumar A. 2010. Biotechnological Approaches for producing nematode resistant crop plants. Biotechnology for sustainable development: Achievements and Challenges. Mc Graw Hill Education. ISBN-13: 978-0-07-070832-7
- Kaur P, Agarwal P, Zabin D, Islam F, Das A, Singh G. 2022. Cyanobacteria as a Promising Bioresource for Applications in Sustainable Agriculture, Medicine, and Green Nanotechnology. Nova Science Publishers. ISBN 9798886972061

CONFERENCE/SEMINARS/SYMPOSIA/WEBINARS/PRESENTATIONS/ORGANIZATION

- **Kaur P**, Vijay C, Joshi G, Heisnam D, Katiyar-Agarwal S, Agarwal M, Jagannath A, Goel S, Kumar A. 2015. Identification and characterization of miRNAome of tomato roots infected with root-knot nematode (*Meloidogyne incognita*). Abstract: pp.73. **International Symposium on Plant Signalling and Behavior**, March 7-10, 2014, Department of Botany, University of Delhi, Delhi, India (Poster Presentation).
- Shukla N, Chauhan R, **Kaur P**, Joshi G, Katiyar-Agarwal S, Agarwal M, Jagannath A, Goel S, Shankar R and Kumar A. 2014. Transcriptome profiling of roots of susceptible and resistant tomato cultivars at various stages of infection with root knot nematode (*Meloidogyne incognita*). Abstract: pp.82. **International Symposium on Plant Signalling and Behavior**, March 7-10, 2014, Department of Botany, University of Delhi, Delhi, India (Poster Presentation).

<ul style="list-style-type: none"> • Participation in 7th Annual Convention of ABAP & International Conference on Plant Biotechnology, Molecular Medicine & Human Health (Oct. 18-20, 2013) at Department of Genetics, University of Delhi, South Campus, New Delhi - 110021.
WORKSHOP/TRAINING PROGRAMME ATTENDED
<ul style="list-style-type: none"> • Workshop on E-content Development and Online Pedagogy on the theme “ICT Tools for Online Teaching” held from May 23-29, 2020 organized by Centre for Professional Development in Higher Education (CPDHE).
ADMINISTRATIVE ASSIGNMENTS/ ROLES
<ul style="list-style-type: none"> • Co-Coordinator of Add-on Course “Eco-Friendly Agriculture” 2021-22, 2023 • Co-Organiser of Add-on Course “Advances in Plant Sciences” 2022-23 • Co-organiser of Training Series on “Bio-composting Methods”, 2023 • Member of Gargi College Botanical Society- TARU - 2021-23 • Member of Gargi College Students’ Welfare Fund Society – 2022-23 • Member of Gargi College Eco-Club Society (AVNI) (2021-22; 2022-23) • Students’ Mentor (2022-23) • Assistance in Compilation of data for NAAC (2021-2023) • Admission Committee - 2020, 2021, 2023
AREAS OF INTEREST / SPECIALIZATION
<ul style="list-style-type: none"> • Plant Molecular Biology, Biotechnology, Plant-Microbe Interaction
SUBJECTS TAUGHT
<ul style="list-style-type: none"> • Molecular Biology, Plant Biotechnology, Plant Tissue Culture Techniques and Applications, Basic Field and Laboratory Skills, Cell Biology, Plant-Microbe Interaction, Biofertilizers, Environmental Science