




DEPARTMENT OF BOTANY
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



DR	First Name	SALONI	Last Name	GULATI	Photograph
Designation	Associate Professor				
Address	123, Swarup Sadan Apartments Plot no 4, Sector 13, Dwarka Delhi				
Phone No Office	011-24367819				
Residence	9871309231				
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Web-Page	salonigulati@dsc.du.ac.in drsaloni.gulati@gmail.com				
Educational Qualifications					
Degree	Institution			Year	
Ph.D	University of Delhi			1992	
M.Sc	University of Delhi			1988	
B.Sc.	Daulat Ram College, University of Delhi			1986	
Career Profile					
<p>Dr. Saloni Gulati is Associate Professor in Botany Department. She graduated from Daulat Ram College, University of Delhi, in 1986. She completed her M.Sc.(1988) and Ph.D(1992) from Department of Botany, University of Delhi. Her field of research in Ph.D. was microbial ecology. She joined Dyal Singh College in 1992, and since then has been teaching various courses in B.Sc. (H) Botany and B.Sc. (Programme) Life Science, especially Plant Anatomy, Plant Biodiversity, and Medicinal Botany. Dr. Gulati has authored six publications and one e-chapter. She has participated in numerous conferences, workshops, seminars, webinars and symposia. She was Member, Organising Committee of the workshop for teachers on "Recent Trends in Plant Systematics and Future Prospects", held in Department of Botany, Dyal Singh College, in March, 2019. She has mentored twenty students for a Summer Internship Programme on basic microbiological techniques, organized in July, 2019, by Dyal Singh College. She has done several Faculty Development Programmes.</p>					
Administrative Assignments (From 1 st July 2017 onwards)					
2022-2023					
<ol style="list-style-type: none">1. Convener, screening committee to scrutinize applications for the post of Assistant Professor in the Department of Environment Science, Dyal Singh College.2. Convener, Library committee, Department of Botany, Dyal Singh College3. Coordinator of Parent Teacher Association4. Coordinator of Feedback Collection Team					

5. Member Admission committee B.Sc Life Science
6. Convener, Anti-ragging committee Dyal Singh College 2017 -2018, 2022-2023
7. Was actively involved in mentoring and taking Remedial classes of Bot (life Science) 3rd sem students

2021-2022

1. Member NAAC visit preparation committees: Garden committee; Green Campus, Green Area (Dyal Singh College)
2. Garden committee , Dyal Singh college (Member).
3. Garden Purchase committee, Dyal Singh College (Member).
4. Coconvener ,Library committee, Department of Botany, Dyal Singh College.
5. Member,Grievance and Discipline Committee, Department of Botany, Dyal Singh College .
6. Member ,Garden and Museum committee, Department of Botany, Dyal Singh College .
7. Member ,Internal Assessment Moderation committee, Department of Botany, Dyal Singh College .
8. Coordinator, Parent-Teacher Association, Department of Botany, Dyal Singh College .
9. Coordinator, Students' Feedback collection committee, , Department of Botany, Dyal Singh College .
10. Was actively involved in mentoring and taking Remedial classes of Bot (h) 3rd sem students.

2020-2021

1. Teacher In charge of the Department of Botany.
2. Garden committee , Dyal Singh college (Member).
3. Garden Purchase committee, Dyal Singh College (Member).
4. Member Grievance and Discipline committee, Department of Botany , Dyal Singh College.
5. Member Admission Committee of students of Life Science, Department of Botany, Dyal Singh College
6. Member Screening Committee for the advertised Post of Assistant Professor , Environment Science, Dyal Singh College
7. Was Coordinator for preparing guidelines for theory and practical papers of Anatomy of the Angiosperms (Botany hons 4th sem) and Anatomy and Embryology (Life Sciences 4th sem).
8. Member Committee to scrutinize PBAS Applications of the Department of Botany, Dyal Singh College.
9. Faculty Promotion Committee (Member)
10. Member Screening Committee (Sciences) to scrutinize PBAS Applications for Associate Professor (under CAS 2018 and earlier Schemes)

2019-2020

1. Member garden committee, Dyal Singh college.
2. Co-convener Time Table committee, Botany, Dyal Singh College.

2018-2019

1. Co-convener Time Table committee, Botany, Dyal Singh College .
2. Superintendent Practical Examination , Department of Botany, Dyal Singh College

2017-2018

Co-convener of Admission committee of students of Botany (hons), Dyal Singh College

Areas of Interest / Specialization

Microbial Ecology, Plant Biodiversity, Plant Anatomy
Subjects Taught
Plant Anatomy, Archegoniatae , Medicinal Botany
Research Guidance
Publications Profile (From 1 st July 2017 onwards)
<ol style="list-style-type: none"> 1. Jasleen Kaur and S. Gulati, 2017. Therapeutic potential of <i>Rauwolfia serpentina</i>. <i>Indian J. Adv. Res. Soc.</i>, 2(1): 99-104. ISSN : 2456-5296 2. Jasleen Kaur and S. Gulati, 2017. Sacred Groves and its Role in Conservation of Biodiversity. <i>Indian J. Adv. Res. Soc.</i>, 2(1): 113- 118. ISSN : 2456-5296 3. Pandit, M.A.; Kumar, J.; Gulati, S.; Bhandari, N.; Mehta, P.; Katyal, R.; Rawat, C.D.; Mishra, V.; Kaur, Jasleen. Major Biological Control Strategies for Plant Pathogens. <i>Pathogens</i> 2022, 11, 273. https://doi.org/10.3390/pathogens11020273. Impact Factor 3.018 4. Pandit, M.A.; Kumar, J.; Gulati, S.; Bhandari, N.; Tarkeshwar,; Mehta, P.; Katyal, R.; Rawat, C.D.; Kaur, Jasleen. Sustainable Management Strategies and Biological Control In Apple Orchards—Indian Perspective. <i>Plant Science Today</i> 9(2);443-453. (eISSN;2348-1900) https://doi.org/10.14719/pst.1547 5. Gulati, S.; Chitralekha, p.; Pandit, M.A.; Katyal, R.; Bhandari, N.; Mehta, P.; Rawat, C.D.; Kaur, S.; Kaur, Jasleen. Diversity, Succession and Seasonal Variation of Phylloplane Mycoflora of <i>Leucaena leucocephala</i> in Relation to Its Leaf Litter Decomposition. <i>Journal of Fungi</i> (ISSN 2309-608X) 2022, 8, 608. https://doi.org/10.3390/jof8060608 . Impact Factor: 5.816 6. Saloni Gulati, Anita Narang, Anupama Shukla, Roma Katyal, Rashmi Mathur, and Jasleen Kaur Arbuscular mycorrhizal fungi and host-plant relationship with respect to heavy metal remediation of soil. <i>KAVAKA</i> 2022 58 (3) 61-74 7. Rashmi Mathur, Isha Gunwal, P. Chitralekha, Payal Mago, Saloni Gulati, and Roma Katyal Biodiversity conservation of plants: the role of ethnic and indigenous populations. <i>Annals of Forest Research</i> 2022. 65(1) 5613-5656 8. P. Chitralekha, Anita Rani, Roma Katyal, Rashmi Mathur, and Saloni Gulati <i>Cuscuta reflexa</i> Roxb. Parasitism: The development of Haustorium Phytomorphology, 2022 72(3&4) 55-68 9. Neeru Bhandari, Poonam Mehta, Jasleen Kaur*, P. Chitralekha, Saloni Gulati and Roma Katyal. Structure, development and histochemistry of embryo and endosperm in <i>Sesbania speciosa</i> Taub. <i>Ex Engl. PLANT SCIENCE TODAY</i> ISSN 2348-1900 (online). https://doi.org/10.14719/pst.1930 . Available online Version 1.0: 13 April 2023
Conference Organization/ Presentations (From 1 st July 2017 onwards)
<ol style="list-style-type: none"> 1. Served as a member, organizing committee in Workshop on “Recent Trends in Plant Systematics and Future Prospects” organized by Department of Botany Dyal Singh College (DU) on March 12, 2019 2. Served as a member, organizing committee in National Symposium on “BIOIMAGING” organized by Department of Botany Dyal Singh College (DU) on February 19, 2020. www.dsc.du.ac.in Page 3 3. Served as a member, organizing committee in National Webinar on “BIODIVERSITY AND MAN” organized by Department of Botany, Dyal Singh College (DU) in collaboration with SERNRM on June 05, 2020. 4. Member of Organising Committee in online National Seminar on “Intellectual Property Rights : Copyright and Biopiracy Issues” organized by the Department of Botany, Dyal Singh College, under the aegis of IQAC on September 17, 2021. 5. Organized webinar as member Garden Committee, Dyal Singh College on “Gardening: Unearthing Creativity and Passion” on February 12, 2022.

6. Presented a paper on “Impending threats to plants that heal” during National conference on Medicinal Plants:Frontier Areas of Research and Development organized by Hansraj College, University of Delhi held on March 16-17, 2023 and was awarded first position.
7. Convener, National seminar on “Recent Trends in Life Sciences Entrepreneurship in the Era of G20”, April 15, 2023 organized by Department of Botany, Dyal Singh College.

Research Projects (Major Grants/Research Collaboration) (From 1st July 2017 onwards)

Awards and Distinctions (From 1st July 2017 onwards)

Association With Professional Bodies

1. Life member of Delhi University Botanical Society (DUBS) .
2. Served as Teacher Coordinator of a Rotaract Club at Rotaract District Organisation, R.I. District 3012, for the year 2020-2021, 2021-2022, 2022-2023.

Other Activities like MOOCs/ Patents etc. (From 1st July 2017 onwards)

Mentored students for “Summer Internship Programme” from July 01 to 15th, 2019 on the topic, “Isolation and screening of bacterial and fungal strains from the rhizosphere of various plants and screening for their antagonistic potential against plant pathogens and ability to degrade soil pollutants” at Dyal Singh College, University of Delhi.

UGCF (NEP 2022) B.Sc (H) Botany -Developmental Biology of Angiosperms; Form, Anatomy &Function and Function (Discipline Specific Core), 2022

UGCF (NEP 2022) B.Sc (H) Botany -Bryophytes, Pteridophytes and Gymnosperms (Discipline Specific Core), 2022



Signature of Faculty Member

