



Faculty Detail Performa



Name of Faculty

Name	Dr. Shagun Danda	
Designation	Assistant Professor	
Department	Department of Botany	
Email	shagun@dr.du.ac.in	

Educational Qualification

Degree	Institution	Year
Ph.D. Botany	Department of Botany, University of Delhi	2019
M.Sc. Botany	Department of Botany, University of Delhi	2013
B.Ed.	Kurukshetra University, Kurukshetra	2011
B.Sc. (H) Botany	Miranda House, University of Delhi	2010

Full time Teaching Experience

S.No	Designation	Institution	Time Period	Nature of Appointment
1.	Assistant Professor	Daulat Ram College, University of Delhi	20/01/2023 to present	Permanent
2.	Assistant Professor	Daulat Ram College, University of Delhi	09/03/2018 to 19/01/2023	Ad-hoc
3.	Guest Lecturer	Daulat Ram College, University of Delhi	17/10/2017 to 8/03/18	Guest

Administrative Assignments

Name of Institute	Designation	Society/Cell/Other;	Time period	Experience (years)
Daulat Ram College, University of Delhi	Convenor	Admission Helpdesk Committee	2024	1
Daulat Ram College, University of Delhi	Co-Convenor	Admission Committee	2023	1
Daulat Ram College, University of Delhi	Judge	Botanical Society Vasudhara (Paper Presentation)	2022	1
Daulat Ram College	Teacher coordinator	Women's Development Cell, (Women's well-being and Flourishing: Barriers to flourishing and well-being)	2021	1

Daulat Ram College, University of Delhi	Member	Flower Show Committee	2019-2021	2
Department of Botany, University of Delhi	Member	Flower Show Committee	2015-2019	4
Department of Botany, Daulat Ram College, University of Delhi	Member	Website Committee	2021	1
Daulat Ram College, University of Delhi	Member	Garden Committee	2018-ongoing	5
Daulat Ram College	Member	Admission Help Desk	2018-2020	3
Daulat Ram College	Member	Sports committee	2019-till now	2
Daulat Ram College	Team manager	Annual Sports Day, Fresher's Sports Meet	2019-2020	2
Daulat Ram College, University of Delhi	Member	Women's Development Cell	2021	1
Daulat Ram College, University of Delhi	Member	Film and Photography Society, Sepia	2022	ongoing

Areas of Interest in Teaching:

Plant Systematics, Evolutionary Biology, Biostatistics
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Subjects Taught

S. No.	Course	Subject Taught	Semester	Year
1.	B.Sc. (H) Botany, II year & B.Sc. Life sciences, II year	Biostatistics & Bioinformatics for Plant Sciences	III	2023-24
2.	B.Sc. (H) Botany, III year	Bioinformatics	VI	2022,2023
3.	B.Sc. Life Sciences, III year	Plant Diversity and Systematics	IV	2023-present
4.	B.Sc. (H) Botany, I year	Biomolecules and Cell Biology	I	2019,2020
5.	B.Sc. Life Sciences, I year B. Sc. (H) Zoology, II year	Plant Ecology and Taxonomy	II,III	2019,2020
6.	B. Sc. Life Sciences, III year	Biodiversity (Microbes, Fungi and Archegoniatae)	I	2020,2022

7.	B.Sc. (H) Botany, II year	Plant Systematics	IV	2019-present
8.	B.Sc. (H) Botany, II year	Molecular Biology	IV	2019,2020,2021,2022
9.	B.Sc. (H) Botany, II year	Economic Botany	III	2017
10.	B.Sc. (H) Botany, II year	Genetics	III	2019-till date
11.	B.Sc. (H) Zoology, II year B. Sc. Life Sciences, III year	Economic Botany and Biotechnology	IV VI	2017
12.	B.Sc. (H) Botany, III year	Plant Biotechnology	VI	2019
13.	B.Sc. (H) Botany, III year	Analytical techniques in Plant Sciences	V	2018,2019,2020
14.	B.Sc. (H) Botany, III year	Biostatistics	V	2018-till date
15.	B. Sc. Life Sciences, III year	Cell and Molecular Biology	V	2019
16.	B.A. programme, B.Com. (H), B.Sc. (H) Zoology, B.Sc. (H) Biochemistry	Environmental Sciences	II	2018,2020,2022

Research Publications:

International

S.No	Publication details (Authors, Title of article, Journal, Volume, Issue, Year, Page range of article, URL/DOI)	Date of Publication	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1.	Danda,S. Subramaniam, S., Choudhary, A.K., Rather, S.A., Mishra, G. & Pandey, A.K. 2025. Fatty acid profile and multivariate analysis of Indian <i>Crotalaria</i> reveal its adaptive and nutritional significance. The Nucleus https://doi.org/10.1007/s13237-025-00590-x	2025	2.8	Yes	Yes	0976-7975
2.	Subramaniam, S., Rather S.A., Danda, S. & Pandey, A.K. 2022. The systematic significance of pod morphological and anatomical variations in Indian <i>Crotalaria</i> L. (Leguminosae). Flora 290 (2022) 152059:1-12.	2022	2.088	Yes	yes	0367-2530

3.	Pal, K. and Danda S. 2021. Stress, Anxiety Triggers and Mental Health Care Needs among general public under lockdown during COVID-19 Pandemic: a Cross-Sectional Study in India. Int J Ment Health Addict. 2023;21(1):321-332. doi: 10.1007/s11469-021-00596-x.	2021	3.83	Yes	Yes	1557-1882
4.	Subramaniam, S., Rather S.A., Danda, S. & Pandey, A.K. 2020. Presence of air cavities in pods of an endemic legume <i>Crotalaria pusilla</i> DC. (Leguminosae, Papilionoidae). Current Science 118: 1-2.	2020	1.10	Yes	Yes	0011-3891
5.	Rather, S.A., Subramaniam, S., Danda, S. , Pandey, A.K. 2018. Discovery of two new species of <i>Crotalaria</i> (Leguminosae, Crotalarieae) from Western Ghats, India. PLoS One 13(2):1-20	2018	3.24	Yes	Yes	e1932-6203
6.	Dwivedi, M.D., Meena, D.S., Rather, S.A., Danda, S. and Kasana, S. 2018. Floristic Diversity at Asola Bhatti Wildlife Sanctuary, Delhi, India. Phytomorphology 68 (1&2): 19-34.	2018	0.1	Yes	-	0031-9449
7.	Danda, S. , Subramaniam, S., Rather, S.A. and Pandey, A.K. 2016. A new species of <i>Crotalaria</i> (Fabaceae, Crotalarieae) from Meghalaya, India. Systematic Botany 41(2): 307-315	2016	1.89	Yes	Yes	0737-8211

National

S.No	Publication details (Authors, Title of article, Journal, Volume, Issue, Year, Page range of article, URL/DOI)	Date of Publication	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
2.	Subramaniam, S., Rather, S.A., Danda, S. 2016. Two new records to the Flora of Himachal Pradesh (India) from Sirmour District. Pleione 10(2): 407-409.	2016	-	Yes	-	0973-9467

Conference Proceedings publication

S.No	Details (Authors, Book title, Article title, Year, page range of article)	Date of Publication (DDMMYY)	Name of conference	Venue of conference	ISBN No
1.	Sharma, M. Gautam, N. and Danda, S. 2019. Microbial based biofuels. Symposium on Environment and Sustainable Development: New Perspectives. Department of Botany. Daulat Ram College. University of Delhi.	February 14, 2019	Environment and Sustainable Development-New Perspectives	DRC, University of Delhi	ISBN: 978-81-937466-2-2
2.	Danda, S. , Gautam, N. and Sharma, M. 2019. Botanical gardens: Road leading to conservation, Research and public awareness. Symposium on Environment and Sustainable Development: New Perspectives. Department of Botany. Daulat Ram College. University of Delhi.	February 14, 2019	Environment and Sustainable Development-New Perspectives	DRC, University of Delhi	ISBN: 978-81-937466-2-2
3	Gautam, N. Sharma, M. and Danda, S. 2019. Earth Biogenome Project. Symposium on Environment and Sustainable Development: New Perspectives. Department of Botany. Daulat Ram College. University of Delhi	February 14, 2019	Environment and Sustainable Development-New Perspectives	DRC, University of Delhi	ISBN: 978-81-937466-2-2
4.	Shagun Danda , Shweta Subramaniam, Shabir Ahmad Rather, Arun K. Pandey Systematic significance of leaf morphology and anatomy in genus <i>Crotalaria</i> L in Proceedings of Silver Jubilee Conference of IAAT and Council Meeting of IAPT & International Seminar on Advancements in Angiosperm Systematics and Conservation. Pg no. 253 Abstract No. P-54	19 th – 21 st November, 2015.	Silver Jubilee Conference of IAAT and Council Meeting of IAPT & International Seminar on Advancements in Angiosperm Systematics and Conservation	University of Calicut, Kerala.	
5.	Shweta Subramaniam, Shabir Ahmad Rather, Shagun Danda , Arun K. Pandey Systematic and evolutionary significance of the pod morphological and anatomical variations in the genus <i>Crotalaria</i> L. (Fabaceae). Proceedings of Silver Jubilee	19 th – 21 st November, 2015.	Silver Jubilee Conference of IAAT and Council Meeting of IAPT &	University of Calicut, Kerala.	

	Conference of IAAT and Council Meeting of IAPT & International Seminar on Advancements in Angiosperm Systematics and Conservation. Pg.no. 50. Abstract No. SRY/IAPT -03		International Seminar on Advancements in Angiosperm Systematics and Conservation		
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Conference Attended and Paper presentation

S.No	Type of Event	Name of Event	Venue of conference	Date of conference (Start date – End Date)	Attended	Name of paper presented	No. of papers presented
1.	Symposium	Environment and Sustainable Development: New Perspectives. (Member of Organizing Committee)	Department of Botany. Daulat Ram College. University of Delhi.	February 14, 2019	Yes	-	-
2.	International Symposia	XXVII Annual conference of Indian Association for Angiosperm Taxonomy & International Symposium on Plant Systematics: Priorities and Challenges.	Department of Botany, University of Delhi, Delhi	November 10-12, 2017	Yes	Scaling of Leaf venation architecture and anatomical features explain ecological and evolutionary patterns in the Genus <i>Crotalaria</i> L. Shagun Danda , Shweta Subramaniam, Shabir Ahmad Rather, Arun K. Pandey Abstract No. PP-21, Pg no. 138	2
3.	International Symposia	XXVII Annual conference of Indian Association for Angiosperm Taxonomy & International Symposium on Plant Systematics: Priorities and Challenges.	Department of Botany, University of Delhi, Delhi	November 10-12, 2017	Yes	A molecular phylogeny and new subsectional classification of <i>Crotalaria</i> (leguminosae) based on molecular markers and Morphology. Shabir Ahmad Rather, Shweta Subramaniam, Shagun Danda , Arun K. Pandey in Proceedings of XXVII Annual conference of Indian Association for Angiosperm Taxonomy & International Symposium on Plant Systematics: Priorities and Challenges. Abstract No. PP-08, Pg no. 127	2

4.	International Conference	Botany Conference 2017	Fort Worth, Texas, USA.	June 24-28, 2017	Yes	A new classification of Indian <i>Crotalaria</i> based on morphological and molecular markers. Shabir Ahmad Rather, Shweta Subramaniam, Shagun Danda , Arun K. Pandey.	1
5.	National Conference	XXXX All India conference of The Indian Botanical Society & National Symposium on Evaluation and Conservation of Plant Germplasm	Department of Botany, Punjabi University Patiala.	15 -17 September 2017	No	Systematic and evolutionary significance of seed morphology in the genus <i>Crotalaria</i> (Leguminosae). Shabir Ahmad Rather, Shweta Subramaniam, Shagun Danda . Abstract No. PP-4-22	1
6.	International conference	Silver Jubilee Conference of IAAT and Council Meeting of IAPT & International Seminar on Advancements in Angiosperm Systematics and Conservation	University of Calicut, Kerala.	19 th – 21 st November, 2015.	Yes	Systematic significance of leaf morphology and anatomy in genus <i>Crotalaria</i> L. Shagun Danda, Shweta Subramaniam, Shabir Ahmad Rather, Arun K. Pandey. Pg no. 253 Abstract No. P-54	2
7.	International conference	Silver Jubilee Conference of IAAT and Council Meeting of IAPT & International Seminar on Advancements in Angiosperm Systematics and Conservation	University of Calicut, Kerala.	19 th – 21 st November, 2015.	Yes	Systematic and evolutionary significance of the pod morphological and anatomical variations in the genus <i>Crotalaria</i> L. (Fabaceae). Shweta Subramaniam, Shabir Ahmad Rather, Shagun Danda , Arun K. Pandey. Pg.no. 50. Abstract No. SRY/IAPT -03	2
8.	National Congress	102nd Indian Science Congress	University of Mumbai, Mumbai	January 3-7, 2015	Yes	Self-Parasitism in <i>Cuscuta reflexa</i> Roxb. P. Chitralekha, Shagun Danda , Shweta Subramaniam. Page no. 172, Abstract no. 85	2
9.	National Congress	102nd Indian Science Congress	University of Mumbai, Mumbai	January 3-7, 2015	Yes	Diversity of angiosperms in Asola Bhatii Wildlife Sanctuary. Devender Singh Meena, Mayank Dhar	2

						Dwivedi, Shagun Danda. Pg no. 170. Abstract no. 83	
10.	National Seminar	Learner-Centered Interactive Pedagogy: Innovations and Experiments.	Budha College of Education, Karnal, Kurukshetra University		Yes	-	-
11.	National Symposium	Science of Life: The New Horizon	Miranda House, University of Delhi, Delhi	November 21-23, 2007	Yes	-	-

Resource Person (Conference/seminar/ workshop/training programme/ educational trips)

S.No	Type of Event	Name of Event	Venue	Date of Event (Start Date- End Date)	State your role: Convener/Member organizing committee/ Speaker/ Coordinator	Duration of Activity	No of participant in the programme
1.	National conference	Women's well-being and Flourishing: Barriers to flourishing and well being	Daulat Ram College (Under IQAC), University of Delhi	8 th March 2022	Teacher coordinator	1.5 hrs	150
2.	Workshop for non-teaching staff	Digital learning through ICT tools	Department of Botany (Under IQAC), Daulat Ram College, University of Delhi.	21 st January 2022 to 28 th January 2022	Resource Person	7 days	50
3.	National webinar	Redefining Gardening from Hobby to enterprise (Series 1 to 4)	Garden Committee (under IQAC)	21 st October 2020, 11 th November 2020, 18 th November 2020, 25 th November 2020	Member organizing committee	4 days	160
4.	Skill Development Programme (SDP)	Basics of Online Class Tools	Department of Botany (under IQAC), Daulat Ram College, University of Delhi	12,17-19 August 2020	Resource Person	4 days	200
5.	Skill Development Programme (SDP)	Basics of Online Class Tools	Department of Botany (under IQAC), Daulat Ram	17-19 December 2020	Resource Person	3 days	200

			College, University of Delhi				
6.	International conference	Effective strategies for biodiversity conservation	Department of Botany (under IQAC), Daulat Ram College, University of Delhi	23 -24 th March 2021	Coordinator	1 day	200
7.	Workshop	Research based Pedagogical Tools (RBPT) Workshop for Science Teachers.	Department of Zoology, Daulat Ram College, University of Delhi.	March 25-27, 2019.	Participant	3 days	80
8.	Skill Development Programme (SDP)	“Basics of Bioinformatics: Theory and Practice	Department of Botany (Under IQAC), Daulat Ram College, University of Delhi.	July 11-17, 2019.	Resource Person	1 week	35
9.	Faculty Development Programme (FDP)	Industrial and Environmental microbiology	Department of Botany, Daulat Ram College, University of Delhi.	March, 19-20, 2018	Member of Organizing Committee	2 days	50
10.	Symposium	Environment and Sustainable Development: New Perspectives. Department of Botany.	Department of Botany, Daulat Ram College, University of Delhi.	February 14, 2019	Member of Organizing Committee	1 day	60
11.	Annual Conference of IAAT and International Symposium	Plant Systematics: Priorities and Challenges	Department of Botany, University of Delhi	November 10-12, 2017	Member of Organizing Committee (Poster Committee)	3 days	500

Awards Won

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award (DDMMYY)	Type of Honor received
1.	International Travel Grant	SERB-DBT	Government		24/05/17	Travel Grant
2.	CSIR-UGC JRF	UGC	Government		23/03/17	Fellowship
3.	UGC-RGNF	UGC	Government		01/04/16	Fellowship
4.	IAPT- Best Poster Award	International Association for Plant Taxonomy	International		21/11/15	Award

Membership of Professional Bodies

S.No	Type of Membership	Organization	Year of Membership (Start Date)
1.	Student	American Society of Plant Taxonomists (ASPT)	January, 2017
2.	Lifetime member	Delhi University Botanical Society	2018