




Faculty Detail Performa



Name of Faculty

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| 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 Research Experience

| Designation | Institute | Time period | Nature of Appointment |
|-------------|-----------|-------------|-----------------------|
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Full time Teaching Experience

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

Administrative Assignments

| Name of Institute | Designation | Status | Time period | Experience |
|---|--|-----------|---------------|------------|
| Daulat Ram College, University of Delhi | Active Member of Flower Show Committee | Completed | 2019-2021 | 2 years |
| Daulat Ram College | Member of Sports committee | Completed | 2019-2020 | 1 year |
| Daulat Ram College, University of Delhi | Member of Garden Committee | Ongoing | 2019-till now | 2 years |

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| Daulat Ram College, University of Delhi | Women's Development Cell | Ongoing | 2021 | |
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Areas of Interest in Teaching:

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| Plant Systematics, Evolutionary Biology, Biostatistics |
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Subjects Taught

| S. No. | Course | Subject Taught | Semester | Year |
|--------|---|--|----------|----------------------|
| 1. | B.Sc. (H) Botany, III year | Bioinformatics | VI | 2022 |
| 1. | B.Sc. (H) Botany, I year | Biomolecules and Cell Biology | I | 2019,2020 |
| 2. | B.Sc. (H) Botany, I year | Archegoniatae | II | 2019,2020 |
| 3. | B.Sc. Life Sciences, I year B. Sc. (H) Zoology, II year | Plant Ecology and Taxonomy | II,III | 2019,2020 |
| 4. | B. Sc. Life Sciences, III year | Biodiversity (Microbes, Fungi and Archegoniatae) | I | 2020,2022 |
| 5. | B.Sc. (H) Botany, II year | Plant Systematics | IV | 2019,2020, 2021,2022 |
| 6. | B.Sc. (H) Botany, II year | Molecular Biology | IV | 2019,2020,2021,2022 |
| 7. | B.Sc. (H) Botany, II year | Economic Botany | III | 2017 |
| 8. | B.Sc. (H) Botany, II year | Genetics | III | 2019-till date |
| 9. | B.Sc. (H) Botany, II year | Ethnobotany | III | 2017 |
| 10. | B.Sc. (H) Botany, II year | Ecology | IV | 2017 |
| 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. | 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. | 2022 | 2.088 | Yes | yes | 0367-2530 |

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|----|--|------|-------------|-----|-----|------------------|
| | (Leguminosae). Flora 290 (2022) 152059:1-12. | | | | | |
| 2. | 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. | 2021 | 3.83 | Yes | Yes | 1557-1882 |
| 3. | 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 |
| 4. | Rather, S.A., Subramaniam, S., Danda, S. , Pandey, A.K. 2018. Discovery of two new species of <i>Crotalaria</i> (Leguminosae, Crotalariaeae) from Western Ghats, India. PLoS One 13(2):1-20 | 2018 | 3.24 | Yes | Yes | e1932-6203 |
| 5. | 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 |
| 6. | Danda, S. , Subramaniam, S., Rather, S.A. and Pandey, A.K. 2016. A new species of <i>Crotalaria</i> (Fabaceae, Crotalariaeae) 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. | |

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| | 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 |

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|----|--------------------------|--|---|---|-----|--|---|
| 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 |

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| | | | | | | 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 |

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| | | | 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 |