




Faculty Details Proforma For College Web-site



| Title | Dr. | First Name | Shagun | Last Name | Danda | Photograph |
|---|---|--|---|-----------------------|-------|---|
| Designation | | Assistant Professor | | | |  |
| Address | | B-80, Kendriya Vihar, Sector 51, Noida -201301 | | | | |
| Phone No. Office | | - | | | | |
| Residence | | - | | | | |
| Mobile No. | | 9654212466 | | | | |
| Email - ID | | shagun@dr.du.ac.in | | | | |
| Web Page | | | | | | |
| Educational Qualification | | | | | | |
| Degree | Institution | Year | | | | |
| Ph.D. | 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 | | | | |
| Career Profile | | | | | | |
| S.No | Designation | Institution | Time Period | Nature of Appointment | | |
| 1. | Assistant professor | Daulat Ram College, University of Delhi | 20 th January 2023-present | Permanent | | |
| 2. | Assistant Professor | Daulat Ram College, University of Delhi | 09 th March 2018 – 19 th January 2023 | Ad-hoc | | |
| 3. | Guest Lecturer | Daulat Ram College, University of Delhi | 17 th Oct. 2017 to 08 th March 2018 | Guest | | |
| Administrative Assignments | | | | | | |
| Name of Institute | Designation | Status | Time period | Experience | | |
| Daulat Ram College, University of Delhi | Nodal Officer (Admission: 2023-24) | Ongoing | 2023-24 | ongoing | | |
| Daulat Ram College, University of Delhi | Member of Film and Photography Society, Sepia | Ongoing | 2022 | | | |
| Daulat Ram College, University of Delhi | Active Member of Flower Show Committee | Completed | 2019-2021 | 2 years | | |
| Daulat Ram College | Admission Help Desk | Completed | 2018-2020 | 3 years | | |
| Daulat Ram College | Member of Sports committee | Ongoing | 2019-2020 2022 | 2 years | | |
| Daulat Ram College, University of Delhi | Member of Garden Committee | Ongoing | 2018- ongoing | 5 years | | |
| Daulat Ram College, University of Delhi | Women's Development Cell | Completed | 2021 | 1 year | | |
| Areas of Interest / Specialization | | | | | | |

| Subjects Taught | | | | |
|-----------------|---|--|----------|----------------------|
| S. No. | Course | Subject Taught | Semester | Year |
| 1 | B.Sc. (H) Botany, I year | Plant Systematics | II | 2023 |
| 2 | B.Sc. (H) Botany, I year | Basic Laboratory and Field Skills in Plant Biology | I | 2023 |
| 3 | B.Sc. (H) Botany, II year | Genetics | III | 2019-2022 |
| 4 | B.Sc. (H) Botany, III year | Bioinformatics | VI | 2022-present |
| 5 | B.Sc. (H) Botany, I year | Biomolecules and Cell Biology | I | 2019,2020 |
| 6 | B.Sc. (H) Botany, I year | Archegoniatae | II | 2019,2020 |
| 7 | B.Sc. Life Sciences, I year B. Sc. (H) Zoology, II year | Plant Ecology and Taxonomy | II, III | 2019,2020 |
| 8 | B. Sc. Life Sciences, III year | Biodiversity (Microbes, Fungi and Archegoniatae) | I | 2020,2022 |
| 9 | B.Sc. (H) Botany, II year | Plant Systematics | IV | 2019,2020, 2021,2022 |
| 10 | B.Sc. (H) Botany, II year | Molecular Biology | IV | 2019,2020, 2021,2022 |
| 11 | B.Sc. (H) Botany, III year | Plant Biotechnology | VI | 2019 |
| 12 | B.Sc. (H) Botany, III year | Analytical techniques in Plant Sciences | V | 2018,2019, 2020 |
| 13 | B.Sc. (H) Botany, III year | Biostatistics | V | 2018-till date |
| 14 | B. Sc. Life Sciences, III year | Cell and Molecular Biology | V | 2019 |
| 15 | B.A. programme, B.Com. (H), B.Sc. (H) Zoology, B.Sc. (H) Biochemistry | Environmental Sciences | II | 2018,2020, 2022 |

Research Guidance

- Guided six students of B.Sc. Life Sciences and B.Sc. Botany (Daulat Ram College, University of Delhi) for the Short Term Project on 'Impact of Nutrient stress and Biostatistical Analysis'.

Publications Profile

- ❖ **Danda, S., Subramaniam, S., Choudhary, A.K., Rather, S.A., Misra, G. & Pandey, A.K. 2022.** Quantitative analysis of fatty acids in some selected *Crotalaria* species using GC-MS. **Phytochemical analysis (submitted)** **Impact Factor 3.03**
- ❖ Subramaniam, S., Rather, S.A., **Danda, S.** & Pandey, A.K. 2022. The systematic significance of pod morphological and anatomical variations in Indian *Crotalaria* L. (Leguminosae). **Flora** . <https://doi.org/10.1016/j.flora.2022.152059>. **Impact factor 2.088**
- ❖ 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. **International Journal of Mental Health and Addiction.** <https://doi.org/10.1007/s11469-021-00596-x> . **Impact Factor: 3.83**
- ❖ Subramaniam, S., Rather S.A., **Danda, S.** & Pandey, A.K. 2020. Presence of air cavities in pods of an endemic legume *Crotalaria pusilla* DC. (Leguminosae, Papilionoidae). **Current Science** 118: 1-2. **Impact Factor: 1.10**

Conference Organization / Presentation (in the last three years)

- ❖ **International Seminar on “Microplastics and its remediation”** (Under IQAC), Department of Botany, Department of Botany, University of Delhi, 14th June 2023. **Coordinator**
- ❖ **Workshop for B.Sc. (H) Botany, 1st year On “Enhancing learning through ICT tools”** Daulat Ram College (Under IQAC), Department of Botany, University of Delhi, 14th-15th sept. 2022. **Resource Person and Member organizing committee**
- ❖ **Workshop on Basic Techniques for Home Gardening – Series I”** Daulat Ram College (Under IQAC), Department of Botany, University of Delhi, 14th-15th sept. 2022. **Member organizing committee**
- ❖ **National conference on Women’s well-being and Flourishing: Barriers to flourishing and well-being,** Daulat Ram College (Under IQAC), University of Delhi, 8th March 2022, **Teacher Coordinator**
- ❖ **Workshop for non-teaching staff Digital learning through ICT tools,** 21st January 2022 to 28th January 2022 Department of Botany (Under IQAC), Daulat Ram College, University of Delhi. **Resource Person**
- ❖ **Workshop Redefining Gardening from Hobby to enterprise: Series 1,3 and 4.** Daulat Ram College (Under IQAC), Department of Botany, University of Delhi, 21st oct 2020, 18th November 2022. **Member organizing committee**
- ❖ **Workshop “Redefining Gardening from Hobby to enterprise: Series 2.”** Daulat Ram College (Under IQAC), Department of Botany, University of Delhi, 11th November 2022. **Member organizing committee**
- ❖ **An International Conference on “EFFECTIVE STRATEGIES FOR BIODIVERSITY CONSERVATION”** Department of Botany (Under IQAC), Daulat Ram College, University of Delhi. **23rd -24th March, 2021, Member organizing committee**
- ❖ **National webinar “Redefining Gardening from Hobby to enterprise (Series 1 to 4)”** 21st October 2020, 11th November 2020, 18th November 2020, 25th November 2020, **Member organizing committee**
- ❖ **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, 17-19 December 2020, **Resource Person**
- ❖ **Skill Development Programme (SDP), Basics of Online Class Tools,** Department of Botany (under IQAC), Daulat Ram College, University of Delhi, University of Delhi, **Resource Person**
- ❖ **Webinar on Biodiversity and Conservation,** Department of Botany (under IQAC), Daulat Ram College, University of Delhi. June 8, 2020. **Coordinator**

Research Projects (Major Grants/Research Collaboration)

Research Collaboration

- ❖ Dr. S. Shweta, Assistant Professor, Plant Systematics laboratory, Department of Botany, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh
- ❖ Dr. Sandeep Kaushik, Assistant Professor, Department of Environmental Science, Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh
- ❖ Dr. Kabir Pal, Consultant, IQVIA, Delhi

Awards and Distinctions

| S.No | Name of Award | Awarding Agency | Government/ NGO/ International/Private | Date of award (DDMMYY) | Type of Honor received |
|------|----------------------------|--|--|------------------------|------------------------|
| 1. | International Travel Grant | SERB-DBT | Government | 24/05/17 | Travel Grant Award |
| 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 |

Association with 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 |

Other Activities

- ❖ One-Month Online **National Faculty Induction Programme/Orientation** Course jointly organized by Daulat Ram College, University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education. 25th February to 27th March 2023
- ❖ **Faculty Development Program on MOOCs and e-Content Development** Course jointly organized by Daulat Ram College, University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education. 17th June 2023 to 18th June 2023.