



Faculty Details Proforma

| Title | Dr. | First Name | Sonika | Last Name | Sharma | Photograph |
|--|--|--------------------|----------------------------|-----------|-------------|---|
| Designation | Assistant Professor | | | | |  |
| Address | Daulat Ram College, 4 Patel Marg , Delhi-110007 | | | | | |
| Email- ID | sonikasharma@dr.du.ac.in | | | | | |
| Web Page | | | | | | |
| Educational Qualification | | | | | | |
| Degree | Institution | | | | Year | |
| Ph.D. | Department of Zoology, University of Delhi | | | | 2013 | |
| MSc. | Miranda House, University of Delhi | | | | 2005 | |
| BSc. | Miranda House, University of Delhi | | | | 2003 | |
| Career Profile | | | | | | |
| 1. | Assistant Professor | Daulat Ram College | October 2015 onwards | Permanent | | |
| 2. | Assistant Professor | Daulat Ram College | July 2015 - October 2015 | Adhoc | | |
| 3. | Assistant Professor | Daulat Ram College | January 2013- January 2015 | Adhoc | | |
| Administrative Assignments | | | | | | |
| 2023-2024 Teacher In charge 2023-2024 Convenor Prize committee 2022-2023 GB member- Junior Teachers Representative 2022-2023 Admissions Core Committee Member 2022-2023 Convenor SPIC MACAY 2022-2023 Library committee Departmental representative 2021-2022 Convenor Indian Music and Dance Society 2021-2024 Coordinator Drosophila Resource Center (ongoing) 2021-2022 ECA Admissions Convenor 2021-2022 Co-Convenor ECA 2020-2023 Medical Committee 2021-2023 Member Screening committee Mathematics (completed) 2020-2021 Convenor Zoological Society Koshika 2019-2020 Convenor Zoological Society Koshika 2016-2017 Admission Convenor English 2018-2019 Dy. Superintendent Central Evaluation Cell DRC 2014-2015 Student Advisory board | | | | | | |
| Areas of Interest/Specialization | | | | | | |

| Subjects Taught | | | |
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| Fundamentals of Genetics, Fundamentals of Human Physiology, Principles of Genetics, Physiology Controlling and Coordinating Systems, Genetics and Evolutionary Biology, Animal Cell Biotechnology, Medical Diagnostics | | | |
| Research Guidance | | | |
| NA | | | |
| Publications Profile | | | |
| Marwah, R., Jain, A., Madhu, & Sharma, S. (2024). Sugar, Methotrexate and the Herbal Shield: Unveiling <i>Tinospora cordifolia</i> 's Reproductive Safeguard in <i>Drosophila</i> . <i>IJIRMF</i> , 10(9), 15–23. https://doi.org/10.2015/IJIRMF/202409003 | | | |
| Sonika Sharma (2024) “To study the technique of DNA Fingerprinting” chapter in book Animal Biotechnology and Immunology. | | | |
| Meenakshi Rana, Pooja Choubey, Gouri Nandi, Sidhant Jain, Divya Bajaj, Sonika Sharma , Sharmila Basu-Modak, Expression of angiogenic factors in the placenta of heme oxygenase-1 deficient mouse embryo, <i>Reproductive Biology</i> , Volume 23, Issue 4, 2023, 100822, ISSN 1642-431X, | | | |
| Sonika Sharma and Jyoti Taneja, (2015) “Concept of expressing cloned genes in mammalian cells”, <i>VLE Science</i> , ILL- ISSN2349-154X | | | |
| Sonika Sharma (2013). ‘Cloning: History and Advances’ <i>Shodh Kalpataru (An International Multidisciplinary Research Journal, A Refereed Journal Published Tri-monthly)</i> , No.11 , October-December 2013, pp. 354-357, (ISSN-2249-6114) | | | |
| Sonika Sharma (2013). ‘Tuberculosis: Causative agent and Types’ <i>Sambhavya (International Research journal of Indian Cultural, Social and Educational Stream, A Refereed journal Published Tri monthly)</i> No.1 October –December 2013,pp.353-360 (ISSN-0976-9358) | | | |
| Conference Organization/Presentation | | | |
| 2021 | Convenor of International Conference on Infections and Immunity | 8 th October 2021 -10 th October 2021 | Virtual (Department of Zoology, Daulat Ram College) |
| 2022 | Co Coordinator SDP on “life Sciences – Tools and Techniques” | 13 th July 2022-19 th July 2022 | Department of Zoology, Daulat Ram College |
| 2022 | Co Coordinator In House SDP on “Enhancing Learning through ICT tools | 26 th November 2022 - 27 th November 2022 | Department of Zoology, Daulat Ram College |
| 2023 | Convenor Workshop on <i>Drosophila</i> | 26 th May 2023 - 30 th May 2023 | <i>Drosophila</i> Resource center, Zoology Department |

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| 2023 | Coordinator In House SDP on “Enhancing Learning through ICT tools | 23 rd August 2023 - 24 th August 2023 | Department of Zoology, Daulat Ram College |
| 2024 | Convenor Workshop on Drosophila | 12 th June 2024 - 14 th June 2024 | Drosophila Resource center, Zoology Department |
| 2024 | Convenor Workshop on Drosophila | 18 th June 2024 - 20 th June 2024 | Drosophila Resource center, Zoology Department |

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

NA

Association with Professional Bodies

NA

Other Activities

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|--|--|----------------------------------|---|--------------------|---|
| In – house SDP | Enhancing Learning Through ICT tools | Daulat Ram College | 19 th August 2020 | Resource person | One session |
| In – house SDP | Enhancing Learning Through ICT tools | Daulat Ram College | 17 th Dec 2020 – 19 th Dec 2020 | Resource person | One session each for Zoology and Life Science |
| Student Training Workshop | Research Analysis: Tools and Techniques | Daulat Ram College | 16 th August 2021- 21 st August 2021 | Resource person | One session |
| In- House SDP | Life Sciences - Tools and Techniques” | Daulat Ram College | 13 th July 2022- 19 th July 2022 | Resource person | Two sessions |
| In- House SDP | “Unveiling the Animal World in Behavioral Way” | Daulat Ram College | From 23 rd March 2023 onwards | Resource person | Two sessions |
| Workshop on Drosophila | Tools and Techniques for Drosophila Maintenance | Drosophila Resource Center | 26 th May 2023 - 30 th May 2023 | Resource person | All sessions |
| Trip to Geology Fossil Museum | Genetics and Evolutionary Biology Practical | Geology Department | April 2022, April 2023 | Coordinator | Entire batch of BSc. Life Science II yr |

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| In- House SDP | Life Style Disorders and its Management | Daulat Ram College | 20 th January 2024-3 rd February 2024 | Resource person | One session |
| In- House SDP | Economic Importance and Management of Beneficial Insects | Daulat Ram College | 2 nd March 2024-6 th April 2024 | Resource person | One session |