




## Faculty Details



Title	Dr	First Name	Rashmi	Last Name	Sharma	Photograph
Designation	Associate Professor					
Address	Department of Botany, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110 019, INDIA					
Phone No Office	011-226294542					
Email/ Web-Page	rashmisharma@andc.du.ac.in					
Educational Qualifications						
Degree	Institution				Year	
B.Sc.	St Bede's College Shimla, PGGDC, Chamba				1995	
M.Sc.	Himachal Pradesh University, Summer Hill, Shimla				1997	
Ph.D.	University of Delhi				2008	
Career Profile						
Permanent in the present college since March 2009. Ad-hoc assignment at Deen Dayal Upadhyaya College, Gargi College, Ramjas College and Sri Venkateswara College (2006-2009)						
Administrative Assignments						
<ul style="list-style-type: none"><li>• Teacher-in-Charge 2012-2014</li><li>• Program Coordinator B.Sc. Life Science 2020-2022</li><li>• DBT Star Department Coordinator since 2017</li><li>• Admission Convenor 2020-2022</li><li>• Convenor of Alumni Affairs Committee, Garden Committee, Editorial Committee (Hindi Section)</li></ul>						
Areas of Interest / Specialization						
Genetics, Molecular Biology, Plant Biotechnology and Bioinformatics						
Subjects Taught						
Bioinformatics, Genetics, Biomolecules and Cell Biology, Molecular Biology, Genetics and Genomics, Analytical Techniques in Plant Sciences, Plant Biotechnology, Plant Metabolism						
Publications Profile						
<ol style="list-style-type: none"><li>1. Sharma R and Gupta R (2007) <i>Cyperus rotundus</i> extract inhibits acetylcholinesterase activity from animal and plants as well as inhibits germination and seedling growth in wheat and tomato. Life Sciences 80; 2389-2392</li><li>2. Sharma, R, &amp; Sisodia, R. (2021) Bibliometric Analysis of Peer Reviewed Literature on Sustainable Agriculture Research – Challenges and Prospects. Vantage: Journal of Thematic Analysis, 2(2): 16-37.</li><li>3. Sisodia R, Sharma R. (2022) Bibliometric Analysis of Peer-Reviewed Literature on Stress Factors Affecting Agricultural Productivity. Curr Agri Res 10(3).</li></ol>						

### **Workshops Organised**

#### **a) As Convenor**

1. RBPT based workshop on microbial techniques for college students on 10-11 January, 2018.
2. RBPT based workshop on microbial techniques for college students on 4-6 April, 2018.
3. A workshop for college students 'Hands-on to Computational Biology for (meta)genomic analysis' in collaboration with department of Zoology, 4-5 April, 2019.
4. A workshop for school students 'Learning Science: The Do-It Yourself way' in collaboration with department of Zoology and National Bal Bhawan 17-19 July 2019.
5. One-day seminar on "Career in Forensic Science" in the ANDC career counselling series on March 20, 2021.
6. A one-day seminar on 'Studying in Europe-Interaction with seniors' in the ANDC career counselling series on March 14, 2021.
7. A one-day seminar on 'Career after MBA- exploring the unexplored' in the ANDC career counselling series on March 7, 2021.
8. A three day online hands-on workshop on 'A step-by step guide to Data mining from literature to pathways' from March 1-3, 2021.
9. A Five day online National RBPT based hands-on workshop on Bioinformatics from January 9–13, 2021.
10. A hands-on workshop on **Revisiting Laboratory Techniques in Botany** October 20-26, 2021.
11. A hands-on workshop on **Superheroes against Superbugs** for the students to familiarize them with Anti-microbial resistance and Foldscope, October 11, 2022.
12. A workshop on '**How to Read Scientific Literature**' for the students on October 14, 2022.

#### **b) As Member Organising Team**

1. Two-day National Symposium on Chemistry in Biology: The Future of Life Sciences organized by Acharya Narendra Dev College, University of Delhi at India International Centre, New Delhi (2010). "New Frontiers in Science" held on 22 October 2019 and organized under the aegis of DBT sponsored Star College programme.
2. A level-I workshop as **Trainer** on RBPT based regional teachers training program organised by IISER Pune and Sri Shivaji Science College, Shivaji Nagar, Amravati, Maharashtra, 26-28 June 2018.
3. A 4-day level-I workshop as invited observer and volunteer on RBPT based teachers training program organised by IISER Pune at Kolkatta, West Bengal, 23-26 September, 2018.
4. Two-week national workshop (online) on 'Tools and Techniques in Statistical Analysis' from April 06-09, 2021.

#### **Workshops Attended**

1. National Workshop: Quality Assurance Through Blended Learning, Maitreyi College, 2009
2. Workshop on Multimedia Content Development: Easy Now Techniques, Acharya Narendra Dev College, 2009
3. Five-day workshop on Science Education and Research co-organized by Vidya Bhavan Society and Acharya Narendra Dev College (2012).
4. 11-day workshop on bioinformatics and computational biology organised by Supercomputing

<p>facility for bioinformatics and computational Biology, IIT Delhi from 20-31 August, 2017.</p> <ol style="list-style-type: none"> <li>5. A level-I workshop on RBPT based teachers training program organised by IISER Pune at Kochi, Kerala from 11-14 October, 2017.</li> <li>6. A level-II workshop on RBPT based teachers training program organised by IISER Pune at Delhi from 6-8 December, 2017.</li> <li>7. A 10-day Faculty Development Program on University Functioning and Blended Learning organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi, 8- 20 December, 2018.</li> <li>8. A level-III workshop on RBPT based teachers training program organised by IISER Pune at Pune, Maharashtra from 20-23 January, 2019.</li> <li>9. Global Bio- India 2019 from 21st to 23rd November, 2019 at Aerocity, New Delhi.</li> </ol>
<p><b>Association With Professional Bodies</b></p>
<p>Life Member Delhi University Botanical Society (DUBS)</p>
<p><b>Other Activities</b></p>
<ol style="list-style-type: none"> <li>1. Member of the Committee for drafting the syllabus of UGCF 2022 based on NEP 2020 guidelines for B.Sc. (H) Botany Discipline Specific Core (DSC) Semester I for Paper: Cell Biology: Organelles and Biomolecules (b) Member of the Committee for drafting the syllabus of UGCF 2022 based on NEP 2020 guidelines for B.Sc. (Hons) Botany for DSC Semester IV Molecular Biology of the Cell.</li> <li>2. Presented paper with Rama 61st Annual Conference 'Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences' being organised jointly by The Energy and resources Institute, University of Delhi and IARI under the aegis of Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination and Research (INSCR) from February 03-05, 2021.</li> <li>3. Reviewed Articles of the Journals 'Acta Physiologiae Plantarum', 'Asian Journal of Water, Environment and Pollution and Medicinal Plant Journal'.</li> <li>4. Organized talks by several eminent speakers department convenor of Botanical Society Tarumitra and DBT STAR College Scheme</li> </ol>

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC and PDF file to be attached as a link on your faculty page.