




## Faculty Details



Title	Dr.	First Name	<b>SWEETY</b>	Last Name	<b>SHRIMALI</b>	Photograph
Designation	<b>Assistant Professor</b>					
Address	<b>Acharya Narendra Dev College Govindpuri Kalkaji New Delhi-110019</b>					
Phone No Office	<b>011 2628 7479</b>					
Email/ Web-Page	<a href="mailto:sweetyshrimali@andc.du.ac.in">sweetyshrimali@andc.du.ac.in</a>					
Educational Qualifications						
Degree	Institution				Year	
<b>B.Sc. (H) Zoology</b>	<b>Hindu College, University of Delhi</b>				<b>2004</b>	
<b>M.Sc. Zoology</b>	<b>Hindu College, University of Delhi</b>				<b>2006</b>	
<b>Ph.D.</b>	<b>National Institute of Immunology</b>				<b>2012</b>	
<b>NET</b>	<b>Council of Scientific &amp; Industrial Research (CSIR)</b>				<b>2005</b>	
Career Profile						
<ul style="list-style-type: none"><li>• <b>Assistant Professor of Zoology at Acharya Narendra Dev College (July 2013 to present).</b></li><li>• <b>Assistant Professor of Zoology at Miranda House (January 2013 to April 2013).</b></li><li>• <b>Senior Research Biologist at Molecular Technology Department, Daiichi-Sankyo Pharma India Pvt. Ltd. (previously Ranbaxy R&amp;D), Sector-18, Gurugram, India (May 2012 to December 2012).</b></li><li>• <b>Member of syllabus drafting committee for UGCF 2022 based on NEP 2020 guidelines for B.Sc. (H) Zoology paper, 'Animal Cell Culture' (2022).</b></li><li>• <b>Completed the Professional Development Programme on 'Implementation of NEP2020 for University and College Teachers' held from September 09 - 17, 2022.</b></li><li>• <b>Developed e-content (chapters &amp; video lectures) for postgraduate courses.</b></li><li>• <b>Taught at the DU Pre-Entrance Summer School for Post-Graduate Courses, organized by the Institute of Lifelong Learning (ILL), University of Delhi, New Delhi.</b></li></ul>						
Administrative Assignments						
<b>Currently involved in the following assignments in the College:</b>						

<ul style="list-style-type: none"> <li>• IT &amp; Website related tasks</li> <li>• Data Compilation for NAAC</li> </ul>
Areas of Interest / Specialization
<ul style="list-style-type: none"> <li>• Molecular Biology</li> <li>• Ecology</li> <li>• Immunology</li> </ul>
Subjects Taught
Molecular Biology, Ecology, Genetics, Evolutionary Biology, Bioinformatics, Biostatistics, Immunology, Biotechnology, Cell Biology, Physiology, Medical Diagnostics, etc.
Publication Profile
<p><b><u>E-content:</u></b></p> <p>Developed the following postgraduate level e-content (chapters and video lectures) for 'e-PG <i>Pathshala</i>', an initiative by Ministry of Human Resource Development (MHRD), under its National Mission on Education through Information and Communications Technology for Paper- Immunology, Subject- Zoology (2018):</p> <ul style="list-style-type: none"> <li>• Antigen Processing and Presentation to T-lymphocytes, Antigen Presenting Cells and Role of CD1 in Antigen Presentation (Module 11).</li> <li>• T lymphocytes: T cell Receptor Gene Rearrangement and Generation of T cell receptor ligands (Module 12).</li> <li>• Organization and Expression of Immunoglobulin Genes: Models of Immunoglobulin Gene Structure, Multigene Organization of Immunoglobulin Genes, DNA rearrangements and mechanisms (Module 13).</li> </ul> <p><b><u>Research Publication:</u></b></p> <ul style="list-style-type: none"> <li>• <i>An ectopic CTCF-dependent transcriptional insulator influences the choice of V<math>\beta</math> gene segments for VDJ recombination at TCR<math>\beta</math> locus.</i> Sweety Shrimali, Surabhi Srivastava, Garima Verma, Alex Grinberg, Karl Pfeifer and Madhulika Srivastava. June 2012, <i>Nucleic Acid Research</i>.</li> </ul> <p><b><u>Oral and Poster presentation:</u></b></p> <ul style="list-style-type: none"> <li>• <i>H19-ICR acts as a transcriptional insulator and imprinting controller at a heterologous position.</i> Sweety Shrimali, Surabhi Srivastava and Madhulika Srivastava. 2008, <i>International symposium on Nuclear Architecture and Chromatin Dynamics</i>.</li> </ul>
Conference / Presentations /Workshops
<ul style="list-style-type: none"> <li>• Organizing member for the hands-on Workshop 'Tools and Techniques of Biotechnology' held at Acharya Narendra Dev College, University of Delhi, April 07-08, 2022.</li> </ul>

- Organizing member for the 'International e-conference on Mitigating Contemporary Environmental Issues by Sustainable Approaches' (ICMCESA-2022) held at Acharya Narendra Dev College, University of Delhi, February 22-28, 2022.
- Attended online IP Awareness/Training Program under the National Intellectual Property Awareness Mission (online) organized by the Intellectual Property Office, India, December 29, 2021.
- Organizing member for the hands-on Workshop 'Biological Techniques' held at Acharya Narendra Dev College, University of Delhi, September 27 to October 04, 2021.
- Attended online 'International Conference on Chronobiology 2021' organized by Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru, India in collaboration with UC Davis, USA, July 15-17, 2021.
- Organizing member for the Workshop 'Techniques in Molecular Microbiology', jointly organized by Departments of Zoology of Acharya Narendra Dev College & Deen Dayal Upadhyaya College, University of Delhi, February 25, 2020.
- Organizing member for the hands-on Workshop 'Learning Molecular Biology Techniques' held at Acharya Narendra Dev College, New Delhi, September 24, 2019.
- Organizing member for the workshop 'Learning Science: The Do It Yourself Way', organized in Collaboration with National Bal Bhavan, at Acharya Narendra Dev College, New Delhi, July 17-19, 2019.
- Participated in the 'CUBE (Collaboratively Understanding Biology Education) Summer Workshop' held at the CUBE lab of Homi Bhabha Centre for Science Education, TIFR, Mumbai, April 01-10, 2018.
- Organizing member for the symposium 'Safety Measures and Laboratory Ethics' held at Acharya Narendra Dev College, New Delhi, February 21-22, 2018.
- Organizing member for the workshop 'Science Pedagogy: Laboratory Learning to Classroom Teaching' held at Acharya Narendra Dev College, New Delhi, January 20-21, 2016.
- Attended the workshop titled, 'Training the Trainers: IPR Workshop' organized by Miranda House in collaboration with MHRD and held at Miranda House, New Delhi, January 15, 2016.
- Attended the workshop, 'Applications of Flow Cytometry' sponsored by DBT, held at Miranda House, New Delhi, March 20, 2015.
- Organizing member for the workshop 'Techniques in Biotechnology' held at Miranda House, New Delhi, January 09-12, 2013.
- Oral & poster presentation at the 'International symposium on Nuclear Architecture and Chromatin Dynamics' held at the Centre for Cellular and Molecular Biology, Hyderabad, India, November 26-29, 2008.

- **Attended 5<sup>th</sup> Indo-Australian Conference on Medical Biotechnology held at the National Institute of Immunology, New Delhi, February 11-12, 2008.**

#### **Awards and Distinctions**

- **Co-chaired two sessions at the 'International e-conference on Mitigating Contemporary Environmental Issues by Sustainable Approaches' (ICMCESA-2022) held at Acharya Narendra Dev College, University of Delhi, February 22-28, 2022.**
- **Member of syllabus drafting committee for UGCF 2022 based on NEP 2020 guidelines for B.Sc. (H) Zoology paper (2022).**
- **Senior Research Fellowship (SRF) from CSIR, Govt. of India (2008-2011).**
- **Qualified for Junior Research Fellowship (JRF) in the CSIR-NET exam twice (June 2005 & December 2005).**
- **National Scholarship under CAS (Centre of Advanced Study) in Zoology scheme of UGC (2004-2006).**
- **2nd position in University of Delhi in M.Sc. Zoology Final year examinations.**

#### **Other Activities**

- **Set up question papers as a member of the board of examiners appointed by the Department of Zoology, University of Delhi for the subjects, 'Evolutionary Biology' and 'Perspectives in Ecology' for B.Sc. (Hons.) Zoology theory examinations.**