



Faculty Details proforma for College Web-site



Title	Dr.	First Name	SWEETY	Last Name	SHRIMALI	Photograph
Designation	Assistant Professor					
Address	Acharya Narendra Dev College Govindpuri Kalkaji New Delhi-110019					
Phone No Office	011 2628 7479					
Email	sweetyshrimali@andc.du.ac.in					
Educational Qualifications						
Degree	Institution				Year	
B.Sc. (H) Zoology	Hindu College, University of Delhi				2004	
M.Sc. Zoology	Hindu College, University of Delhi				2006	
Ph.D.	National Institute of Immunology				2012	
Career Profile						
<ul style="list-style-type: none">- 2nd position in University of Delhi in M.Sc. Zoology Final year examinations.- Qualified CSIR-NET twice (June 2005 & December 2005).- Total experience of teaching undergraduate courses = 8 years.- Developed e-content (text & video lectures) for postgraduate courses.						
Administrative Assignments						
Currently involved in the following Committees of the College: <ul style="list-style-type: none">- IT Committee- Editorial (Prospectus) Committee						
Areas of Interest / Specialization						
<ul style="list-style-type: none">- Ecology- Immunology- Biotechnology- Molecular Biology						
Subjects Taught						
Ecology, Genetics, Evolution, Bioinformatics, Biostatistics, Immunology, Biotechnology, Molecular Biology, Cell Biology, Physiology, Medical Diagnostics, etc.						
Research Guidance						
None						

Publications Profile

- ***An ectopic CTCF-dependent transcriptional insulator influences the choice of V β gene segments for VDJ recombination at TCR β locus.*** Sweety Shrimali, Surabhi Srivastava, Garima Verma, Alex Grinberg, Karl Pfeifer and Madhulika Srivastava. June 2012, *Nucleic Acid Research*.
- ***H19-ICR acts as a transcriptional insulator and imprinting controller at a heterologous position.*** Sweety Shrimali, Surabhi Srivastava and Madhulika Srivastava. 2008, *Proceedings of the International symposium on Nuclear Architecture and Chromatin Dynamics*.

Conference / Presentations /Workshops

- **Organized 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.
- **Organized Hands-on Workshop 'Learning Molecular Biology Techniques'** organized at Acharya Narendra Dev College, New Delhi, September 24, 2019.
- **Organized Workshop titled '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.
- **Organized Symposium on 'Safety Measures and Laboratory Ethics'** at Acharya Narendra Dev College, New Delhi, February 21-22, 2018.
- **Organized Workshop titled, 'Science Pedagogy: Laboratory Learning to Classroom Teaching'** organized by 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.
- **Organized Workshop on '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 5th Indo-Australian Conference on Medical Biotechnology** held at the National Institute

of Immunology, New Delhi, February 11-12, 2008.
Research Projects (Major Grants/Research Collaboration)
None
Awards and Distinctions
<ul style="list-style-type: none"> - National Scholarship under CAS (Centre of Advanced Study) in Zoology scheme of UGC, 2004-2006. - Junior Research Fellowship (JRF) from CSIR, Govt. of India in 2006. - Senior Research Fellowship (SRF) from CSIR, Govt. of India in 2008.
Association With Professional Bodies
None
Other Activities
<p>Taught at the DU Pre-Entrance Summer School 2016 for Post-Graduate Courses, organized by the Institute of Lifelong Learning (ILL), University of Delhi, New Delhi.</p> <p>Developed the following postgraduate level e-content for 'e-PG Pathshala', an initiative by Ministry of Human Resource Development (MHRD), under its National Mission on Education through Information and Communications Technology (NME-ICT):</p> <ol style="list-style-type: none"> 1. Antigen Processing and Presentation to T-lymphocytes, Antigen Presenting Cells and Role of CD1 in Antigen Presentation (Module 11, Paper No.- 10- Immunology, Subject- Zoology). 2. T lymphocytes: T cell Receptor Gene Rearrangement and Generation of T cell receptor ligands (Module 12, Paper No.- 10- Immunology, Subject- Zoology). 3. Organization and Expression of Immunoglobulin Genes: Models of Immunoglobulin Gene Structure, Multigene Organization of Immunoglobulin Genes, DNA rearrangements and mechanisms (Module 13, Paper No.- 10- Immunology, Subject- Zoology).

Signature of Faculty Member