




Faculty Details proforma for Gargi College

Title	DR.	First Name	SMRITI	Last Name	SHARMA		
Designation		ASSISTANT PROFESSOR					
Address		B-170, 1st Floor, 4 th flat, Green View Apartments, Freedom Fighter Enclave, Neb Sarai, New Delhi-110068					
Phone No Office		-					
Residence*		-					
Mobile*		9910785607					
Email		smritiaroma@gmail.com					
Web-Page							
Educational Qualifications							
Degree		Institution			Year		
Ph.D.		Delhi University			2012		
M.Phil.		Delhi University			2005		
M.Sc.		B R Ambedkar University			2003		
B.Sc.		Utkal University			2001		
Administrative Assignments							
<ul style="list-style-type: none"> • Admission duties for the Zoology department for the year 2016-17, 2013-14, 2012-13. • Admission duties for Life Science for the year 2014-15. • Teacher Coordinator for 'Zenith- Life Science' society since July 2017. 							
Areas of Interest / Specialization							
Immunology, Molecular biology, Biochemistry							
Subjects Taught							
Immunology, Molecular biology, Biochemistry, Developmental Biology, Cell Biology, Physiology							
Courses/ Orientation Programme attended							
<ul style="list-style-type: none"> • 117th 4-week Orientation Programme at the UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi from 15 February 2017-16 March 2017. • Certificate course in "Medical Biotechnology" (Miranda House, 2008) 							

Recent Publications

- J. Singh, A. Senrunga, **S. Sharma**, T. N. Bhutia, M. R. Devi and A. K. Singh (2017). Influence of temperatures on the survival and development of cowpea aphid, *Aphis craccivora* (Hemiptera: Aphididae). *Indian Journal of Entomology*, **79 (1)**: 111-114. (ISSN 0367-8288).
- **S. Sharma**, A. Senrunga and A.K. Singh (2014). Toxic effect of neem, *Azadirachta indica* (A. Juss) foliage extracts against diamondback moth (DBM), *Plutella xylostella* (L.) (Lepidoptera, Plutellidae). *Journal of Biopesticide*. **7(1):1-7**.
- Anna Senrunga, Jyotsna Singh, **Smriti Sharma**, Tenzin Nyibum Bhutia, Ashok Kumar Singh. (2014). Effect of *Murraya koenigii* extracts on feeding and ovipositional response of *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). *Journal of Entomology and Zoology Studies*; **2 (3)**: 27-31.
- Paper entitled "Exploring the potential of Indian medicinal plants against dengue viral protein by docking", accepted for publication in the Proceedings of OR-88, published by CPDHE, Delhi University.

Conference/Workshop Organization/ Presentations

Workshop Organized:

- Organized the Science Academies' Lecture Workshop on '*Ingenuity in Biological Sciences*' dated 11-12 January, 2018. (acted as **Coordinator** for the event).
- Worked as a **resource person in the workshop "Hands on Workshop on Bioinformatics"**, **October, 2017** at Gargi College, under Star College Scheme for B.Sc., Life Science Students – **Dr. M. Divya Ganeswari, Dr. Smriti sharma, Dr. Shivani Tyagi and Dr. Chaitali Ghosh**
- Worked as a **resource person** in workshop "**Electrophoretic separation and analysis of serum proteins**" for undergraduate students on 2nd June, 2015 held at Gargi College under star college scheme.
- Worked as a **resource person** in workshop for undergraduate students from May 26th - 31st 2014, held at Gargi College under star college scheme.

Paper presentation in International conferences:

- Poster presentation on "***In silico* analysis of selected Indian medicinal plants against Chikungunya viral infection**" Laxmi Mishra, Kaveri Tyagi, Manisha Kumari, Shruti Khanna, Jupita Handique, Monika, Smriti Sharma, **Divya Ganeswari** and Neelam Sachdeva, in International conference and Outreach Program on "Environment & Ecology: Sustainability and Challenges" from 4-6 January, 2017, in Sri Venkateswara College, New Delhi.
- "**In vivo and in silico studies on immunostimulatory activity of *Solanum trilobatum***", poster presented in 10th symposium on Frontiers in Biomedical Research, Comprehending Genes@work: From structural biology to Drug Discovery, organized by Dr. B.R.

Ambedkar Centre for Biomedical Research, University of Delhi from 29th – 31st October, 2015.

- **“Molecular Docking of triterpenoids present in neem leaf extract with ecdysone receptor of *Plutella xylostella* (L.) (Lepidoptera: Plutellidae)”**, Dr. Smriti Sharma, Dr. Neelam Sachdeva, Dr. M. Divya Ganeswari and Dr. Ashok Kumar Singh, poster presented in 10th symposium on Frontiers in Biomedical Research, Comprehending Genes@work: From structural biology to Drug Discovery, organized by Dr. B.R. Ambedkar Centre for Biomedical Research, University of Delhi from 29th – 31st October, 2015.
- Divya, Ajita Jhakar, Komal, Kanika Gaur & **Smriti Sharma** (2015). Holometabola interordinal relationship redefined. At Biotikos-2015”*Current Techniques and development in Bioinformatics*”, TERI University.
- Oral paper presentation in the “4th Biopesticidal International Conference” at Crop Protection Research Centre (CPRC), Palayamkottai, Tamil Nadu, India (2013).

Paper presentation in National conferences:

- Poster presentation on **“Effectiveness of various triterpenoids from neem in controlling insect pests: an *in-silico* approach”**, Shruti Khanna, Manisha Kumari, Kaveri Tyagi, Jupita Handique, Laxmi Mishra, Monika, Smriti Sharma, **Divya Ganeswari** and Neelam Sachdeva, in National Conference on Combating Industrial Pollution for Sustainable Environment A Fusion of Industrial and Scientific Efforts (CIPSE-2016), from September 22-23, 2016, Department of Chemistry, Gargi College, New Delhi
- Oral presentation on **“In silico analysis of compounds from Indian medicinal plants against Dengue virus, DENV”** Laxmi Mishra, Divya, Anjali Verma, Shraddha, Smriti Sharma and **M. Divya Ganeswari**, in National seminar on “A Paradigm Shift towards empowerment of Women” from 3-4 February, 2017, in Kalindi College, New Delhi.

Seminars/workshop attended:

- Attended the three-days National Seminar on **‘Applications of Graph & Network in Computational Studies, Bioinformatics & Engineering and their Technical terminology’** from March 12-14, 2018, organized by the school of Computational and Integrative Sciences, JNU, New Delhi-110067.
- Attended the **Orientation Programme** for the **Academic Counselors**, jointly organized by School of Sciences and IGNOU Regional Centre Noida on October 21-22, 2016.
- **Hands-on Training cum Workshop for Teacher**, conducted by Sri Guru tegh Bahadur Khalsa College in collaboration with Acharya Narendra Dev College and Swami Shraddhanand College on February 10, 2013.
- Workshop on **“Role of Bioinformatics in Genomics”** in Bioinformatics Infrastructure Facility (BIF), Gargi College, from 27th – 28th December, 2012.
- **International Symposium on Microbiology: Diversity, Genomics and Metagenomics”** From 18-

20 November 2008, University of Delhi, Delhi-110007.

- **National Symposium-Science of Life: the New Horizon** From 21-23 November 2007, Miranda House, University of Delhi, Delhi-110007.
- **International Symposium on Ciliate Biology** From 06-07 February,2007, Sri Guru Tegh Bahadur Khalsa College, University of Delhi, Delhi-110007

Awards and Distinctions

- Awarded with **NET-JRF** conducted by CSIR-UGC in the year 2003 in the subject Life Sciences

Other Activities

- Academic Counselor for BDP- Life Science in the IGNOU study centre 0711, Regional Centre, Delhi-1.
- Computer learning course “@ease” conducted by **CMC Limited**.