



CURRICULAM-VITAE




Title	DR.	First Name	APARNA	Last Name	SHARMA	Photograph
Designation	Assistant Professor					
Address	Acharya Narendra Dev College, University of Delhi, Govinpuri Kalkaji, New Delhi -110019					
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Residence						
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Educational Qualifications						
Degree	Institution			Year		
B.Sc. (H) Zoology	University of Delhi			2004		
M.Sc. Zoology	University of Delhi			2006		
P.h.d.	National Institute of Immunology, JNU			2012		
Career Profile						
Working at the post of Assistant professor in the Department of Zoology on an ad-hoc basis in Acharya Narendra Dev Collge, University of Delhi, Govindpuri, Kalkaji, New Delhi. (2012-2020)						
Administrative Assignments						
NA						
Areas of Interest / Specialization						
Cell and Molecular Biology						
Subjects Taught						
Biotechnology, Genetics & Genomics, Cell Biology, Molecular Biology, Immunology, Biochemistry, Medical Diagnostics, Animal Behaviour & Chronobiology						
Research Guidance						
<u>NA</u>						

Publications Profile

- 1) **Sharma, A.***, Kaur, M.*, Kar, A., Ranade, S. M., and Saxena, S. (2010). Ultraviolet Radiation Stress Triggers the Down-regulation of Essential Replication Factor Mcm10. *J Biol Chem* 285, 8352-8362.
- 2) **Sharma A.***, Kar, A.*, Kaur, M.*, Ranade, S.M., Sankaran, A., Misra, S, Rawat, K. and Saxena, S. (2010). Specific replication factors are targeted by different genotoxic agents to inhibit replication. *IUBMB Life*. Oct; 62(10):764-75.
- 3) Kaur, M.*, **Sharma, A.***, Khan, M.* M., Kar, A. and Saxena, S. (2010). Mcm10 proteolysis initiates before the onset of M-phase. *BMC Cell Biology*. Oct 28;11(1):84.
- 4) Kaur, M., Khan, M.M., Kar, A., **Sharma A.**, and Saxena, S. (2012). CRL4-DDB1- VPRBP ubiquitin ligase mediates the stress triggered proteolysis of Mcm10. *Nucl. Acids Res.* (Aug 2012) 40 (15):7332-46
- 5) Ananya Kar, Manpreet Kaur, Tanushree Ghosh, Md. Muntaz Khan, **Aparna Sharma**, Ritu Shekhar, Akhil Varshney, and Sandeep Saxena. RPA70 depletion induces hSSB1/2-INTS3 complex to initiate ATR signaling. *Nucl. Acids Res.* (26 May 2015) 43 (10): 4962-4974
- 6) Manpreet Kaur, Raksha Devi, Tanushree Ghosh, Md Muntaz Khan, Praveen Kumar, Priyanka, Ananya Kar, **Aparna Sharma**, Akhil Varshney, Vipin Kumar, Sandeep Saxena. (2018). Sld5 Ensures Centrosomal Resistance to Congression Forces by Preserving Centriolar Satellites: *Molecular and Cellular Biology*, vol. 38, no. 2, e00371-17

Conference/ Presentations/Workshops

Poster presentations in Conferences:

1. **“French-Indian Inter-Academic Symposium on Infectious Diseases”** held from November 30th to December 3rd 2010 at National Institute of Immunology, New Delhi, India. **(Poster Presentation)** 
2. **Keystone Symposia on “DNA Replication and Recombination”** held 2/27/2011 - 3/4/2011 at Keystone Resort, Keystone, and USA. **(Poster Presentation)**
3. **10th CMC Winter Symposium on “Cellular and Molecular Medicine Cancer, Stem Cells & Inflammation”** held 01/05/2012 – 01/07/2012 at Christian Medical College, Vellore, Tamilnadu, India. **(Poster Presentation)**

Workshop/ Conferences/Symposium Attended

1. Workshop on **‘Technology Enabled Teaching-Learning’** held from 21st -23rd November 2013 at Acharya Narendra Dev College, University of Delhi, New Delhi, India.
2. Workshop on **‘Biochemistry of Metabolic Processes’** held on 2nd February 2015 at Kirori Mal College, University of Delhi, Delhi, India
3. Faculty Quality Improvement Program **‘Integrating Chemistry and Physics in rediscovering Biotechnology’** held from 25th – 27th February, 2015 at Institute of Bioinformatics and Biotechnology, Savitribai Phule Pune University, Pune.
4. **‘Training workshop in Animal Behavior’** held from 19th – 25th August, 2015 at Department of Zoology, University of Delhi, Delhi, India.
5. **‘International Symposium on Ciliate Biology 2018’** held from 04-06 April, 2018 at Indian Habitat Centre, New Delhi, India.

WORKSHOPS ORGANIZED

1. Resource person in two day workshop **“ Science pedagogy: Laboratory learning to classroom teaching”** organized by Acharya Narendra Dev College from January 20-21, 2016.
2. Resource person in 3 week **M.Sc. Pre-Entrance Course** organized by University Of Delhi in June, 2016.
3. Resource person in workshop on **Anxiety at Workplace**, organized by Acharya Narendra Dev College under DBT Star College Scheme, August 25, 2017.
4. Resource person in one day seminar on **IPR and Social Insects**, organized by Acharya Narendra Dev College under DBT Star College Scheme, September 5, 2017
5. Resource person in one day hands On Workshop on **PCR & Southern Blotting**, organized by Acharya Narendra Dev College under DBT Star College Scheme, September 26, 2017
6. Resource person in two day Symposium on **Safety Measures & Laboratory Ethics** organized by Acharya Narendra

<p>Dev College under DBT Star College Scheme, on 21st-22nd February 2018.</p> <p>7. Resource person in three Day Workshop titled Learning Science The “Do it Yourself” organized by Zoology and Botany Department in collaboration with National Science Bhawan under the aegis DBT-STAR college scheme for School Students (from 9th to 12th Standard) held on July17-July 19, 2019 at Acharya Narendra Dev College.</p> <p>8. Resource person in one day Hands on workshop Learning Molecular Biology Techniques organized by Zoology department under the aegis DBT-STAR college scheme on September 24, 2019 at at Acharya Narendra Dev College.</p>
Research Projects (Major Grants/Research Collaboration)
NA
Awards and Distinctions
NA
Association With Professional Bodies
NA
Other Activities
NA