



## Dr. Sudhir Verma

A researcher, educator,  
learner and communicator  
by choice!

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**See my profile at:**

[https://dducollegedu.ac.in/  
ViewProfile.aspx?  
fld=sv\\_du@yahoo.co.in](https://dducollegedu.ac.in/ViewProfile.aspx?fld=sv_du@yahoo.co.in)

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**Contact me at:**

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**My current affiliation:**

Assistant Professor,  
Department of Zoology,  
Deen Dayal Upadhyaya  
College,  
(University of Delhi)  
Sector-3, Dwarka,  
New Delhi-110078

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## Career Profile

- Assistant Professor, Department of Zoology, Deen Dayal Upadhyaya College (2015-till date)
- Assistant Professor, Department of Zoology, Sri Venkateswara College (2013-2015)
- University Teaching Assistant, Department of Zoology, University of Delhi (2008-12)

## Areas of Interest

- Epigenetics & Immunology
  - STEM Pedagogy
  - Open Educational Resources
  - Entrepreneurship and Incubation
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## Academic Background

### DOCTOR OF PHILOSOPHY

2007-14

- Chromatin Biology Laboratory, Department of Zoology, University of Delhi
- Thesis title: Studies on murine model of sepsis: Epigenetic modifications of histones in systemically inflamed/ septic liver
- Mentor: Prof. Madan Mohan Chaturvedi

### MASTER OF SCIENCE

2005-07

- Department of Zoology, University of Delhi
- 78.4% (**University Gold Medalist\***)

### BACHELOR OF SCIENCE

2002-05

- Ramjas College, University of Delhi
  - 73.5% (**College Topper\***)
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## Academic Accolades

- “Building Educators for Science, Technology and Mathematics (BESTM) Teachers Fellowship” from HBCSE, TIFR, Mumbai for 2019-20
- Summer Faculty Research Fellowship, 2019 from IIT Delhi under mentorship of Dr. Ashok Kumar Patel, School of Biological Sciences, IIT Delhi (Did not avail)
- D.D. Kosambi Teacher Mentor Award 2019 for exemplary contribution in collaborative biology research from HBCSE, TIFR, Mumbai
- Travel grant from UGC for presenting paper at ICGEB, Cape Town, South Africa (September 2019)
- Anil Sadgopal Award 2020 for popularization of science & contribution to science outreach from HBCSE, TIFR, Mumbai
- Science Academies’ (INSA-NASI-IASc) SRF, 2017 in the laboratory of Prof. Ramaballav Roy, Department of Zoology, Goa University, Goa, India.
- UGC-NRCBS Visiting Research Fellowship (June-July, 2016) in the laboratory of Dr. G. Kumaresan, Madurai Kamaraj University, Tamilnadu, India.
- University Teaching Assistantship (UTA) from University of Delhi (2008-2012)
- Junior and Senior Research Fellowship from Council of Scientific and Industrial Research (CSIR) in 2008-2012
- All India Post Graduate Scholarship during Masters education in 2005-07
- Qualified CSIR-UGC NET JRF in 2007 (\*Was in top 25 students in Life Sciences)
- ‘Smt. Usha Ganguli Gold Medal’ for securing highest marks and thus 1st rank in the University of Delhi in M.Sc. examination
- Certificate of Merit from Ramjas College, University of Delhi for securing 1st rank in: M.Sc. part I (2006), M.Sc. part II (2007), B.Sc. Part I (2003), II (2004) & III (2005)

## Publication Profile

- Research Papers: 07
- General Scientific Articles: 02
- e-Content: NMEICT at VLE, ILLI for UG Students: 02
- e-Content: ePG Pathshala for UG Students: 06
- Chapters in Books: 03
- Teaching Resource Package on RBPT for College Teachers: 01
- SWAYAM Prabha Video Lectures: 17 Hours
- Book Translation: 01
- Science Reports/ News articles: 12

## Projects

01. Studies on Circadian Variation in Secondary Metabolites Composition and/ or Concentration in commonly used Medicinal Plants of Delhi using HPLC Fingerprints and its Socio-economic Impacts' (SVC-202) 2013-15.
02. Elucidation and Validation of Molecular Basis of the Anticancer Effects of Taxol (DDU-304) 2015-16.
03. Exploring Students' Conceptions about Natural Selection at Undergraduate Level (2019-20)
04. Open Education for a Better World (OE4BW), a UNESCO project on developing "A Practical Manual on Evolutionary Biology: An Open Educational Resource" (2021)

## Other Assignments (2020-21):

### At the College:

- Convener, Department of Zoology for DBT Star College Scheme to Deen Dayal Upadhyaya College
- Coordinator, DST VIPNET Club- The Young Scientists (VP-DL0170) at Deen Dayal Upadhyaya College
- Member:
  - Stock Verification Committee
  - Campus Maintenance Committee
  - Academic Supervisory Committee
  - Sports Committee
  - Alumni Committee
  - Internal Audit Committee
  - Special Categories Admission Enabling Committee
  - ICT Committee
  - Institution Innovation Council (IIC)

### At the University/ National/ International level:

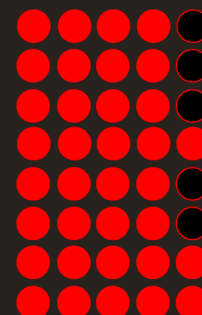
- Member, Committee of courses for Undergraduate and Postgraduate courses, Department of Zoology, University of Delhi
- Innovation Ambassador from MoE's Innovation Cell & AICTE, New Delhi
- Academic Committee Member, Vidyarthi Vigyan Manthan (VVM), an initiative of Vijnana Bharti (VIBHA) in collaboration with Vigyan Prasar (DST) and NCERT
- Judging Panelist, Global Undergraduate Awards-2021, Ireland for Life Sciences category

## Invited Talks/ Conference/ Workshops...

I have organized a large number of conferences and workshops for both students and faculty members in the capacities of convener/ coordinator/ organizing committee member. Also, I have given many invited talks at various universities and colleges (BHU, SMVDU, Jiwaji University, Kalinga University, Delhi University etc.), educational training institutes (DIETs) and other national level events (NSTC, Shiksha Shilpi, INYAS etc.). I have also presented my work in various national and international meetings through oral and poster presentations. Further, in order to improve my skills in different domains, I have actively participated in various workshops and attended many symposia/ meetings. I got trained in 'research-based pedagogical tools' from Sheffield Hallam University & IISER Pune and thereafter, trained many undergraduate level teachers across the country. Also, I actively use cooperative learning, blended learning and learning management systems in my classrooms after getting trained in these pedagogical tools. Besides these, I am a trained science writer too.

## Skills

Classroom Management  
Curriculum Development  
Leadership  
Communication  
Information Technology  
Logical Thinking  
Team Building  
Multitasking



**Dr. Sudhir Verma**

June 2021