




Shivaji College Faculty Details Proforma

Title	Dr	First Name	Tarun	Last Name	Vats	Photograph
						
Designation		Assistant Professor				
Address		G-83 Nanakpura Moti Bagh II New Delhi 110021				
Office Phone No.						
Residence		9873457281				
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Web-Page						
Educational Qualifications						
Degree		University/Institute			Year	
Ph.D.		University of Delhi			2016	
M.Phil./M.Tech.		University of Delhi			2012	
PG		University of Delhi			2010	
UG		Kirori Mal college, University of Delhi			2008	
Any Other Qualification						
Career Profile						
<ul style="list-style-type: none"> ➤ Working as Assistant Professor (Ad-hoc), Shivaji College, University of Delhi from August 2017 till date. ➤ Worked as Assistant Professor, Shivaji College and Dyal Singh College, University of Delhi, on Guest basis from January to April, 2017. 						

- Worked as Assistant Professor, Shivaji College and Dyal Singh College, University of Delhi, on Guest basis from August to November, 2016.
- Worked as Assistant Professor, Deshbandhu College, University of Delhi from 18th February to 26th April, 2016 on Guest basis.
- Worked as Assistant Professor, Shivaji College, University of Delhi from 29th July to 18th December, 2015 on Ad-hoc basis.
- Completed Ph.D under the supervision of Professor Ashok Kumar Singh, Insect Behaviour Laboratory, Department of Zoology, University of Delhi from October 2012 to October 2015.
- Awarded UGC Junior Research Fellowship during M. Phil from November 2011 to November 2012.
- Declared eligible for Lectureship (NET) in the Joint CSIR-UGC Test and awarded UGC Junior Research Fellowship during Ph.D work.

Administrative Assignments

- Member, Development Committee of Shivaji College during the period of 2018-2019.
- Served as 'President' of Zoology Society, Kirori Mal College during graduation period from 2007 to 2008.

Areas of Interest/Specialisation

- **Entomology: Insect Plant Interactions**

Subjects Taught

- Non-Chordata, Chordata, Physiology, Animal Behavior, Cell Biology, Parasitology, Environmental Sciences, Apiculture, Sericulture, Biochemistry, Aquarium Fish Keeping, Comparative Anatomy of Vertebrates, Developmental Biology, Genetics and Evolutionary Biology, Biostatistics, Immunology, Ecology

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Publications Profile (Research Papers/Books)

- Book chapter titled “General Principles of Homeostasis” in **Biology Programme for S5** (Upper Secondary Sciences) **RWANDA PROJECT 2015 - 16** (ISBN: 9789383996889)

Conference/Seminar/Faculty Development Programme/Workshop

- Participated in 'Faculty Development Programme' with the theme 'Environment Sustainability and Higher Education' organised by IQAC and Faculty of Science, Dyal Singh College, University of Delhi from 4th-11th June, 2018.
- Attended one day **Workshop** on 'Publishing Research Articles' organized by Centre for Professional Development in Higher Education, University of Delhi on 5th June, 2018.
- Participated as 'Resource person' in 3rd DST INSPIRE INTERNSHIP SCIENCE CAMP organized by Shivaji College from 16th to 20th July, 2018
- Attended **International Conference on Entomology, 2016** held on 3rd -5th December, Patiala Punjab for a poster presentation titled “Oviposition Deterrent Activity of *Calotropis procera* R.Br. (Asclepiadaceae) extracts against *Plutella xylostella* (L.)(Lepidoptera: Plutellidae)
- Attended ‘17th International Conference on Entomology’, 2015 held on 3rd - 4th December, Penang, Malaysia for an oral presentation titled “Antifeedant activity of *Ageratum conyzoides* (L.) (Asteraceae) extracts against *Plutella xylostella* (L.)(Lepidoptera: Plutellidae)
- Participated in “Workshop on Animal Behavior” held on 19th - 25th August, 2015 at Deptt. Of Zoology, University of Delhi.
- Successful completion of “Application Training on Fundamentals of Gas Chromatography” held on 6th -7th march, 2013 at Deptt. of Zoology, University of Delhi.
- Presented seminars on: **Retrospective and Prospective Effects of *Bt*, Insect growth Regulators and Pest Control and Parasitoid Host Interactions** during M.Phil (2011-2012), Deptt. of Zoology, University of Delhi.
- Volunteered in “Introduction to Bioinformatics” Workshop for faculty of Delhi University, organised by Zakir Husain Delhi College, D.U. at Institute of Life Long Learning (ILLL) (16-20 January, 2012), University of Delhi.
- Participated in “Workshop on Data Acquisition and Analysis” held at Deptt. of Zoology, University of Delhi.

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

Awards and Distinctions
<ul style="list-style-type: none">➤ First position in two different sports events on Annual Sports Day, Shivaji College held on February 2019.➤ Received Runner Up Trophy as Member of Shivaji College Teachers Cricket Team , in Shaheed Bhagat Singh Memorial Cricket Tournament, 2019, held in Shaheed Bhagat Singh College from 26th February to 9th March, 2019.➤ Awarded 'College Colour' for various activities of NCC (2005-2006)➤ Stood 'First' in the Drill competition (NCC) held at Patwa Dangar (Nainital), 26th May – 6th June 2006, Rank- Cadet
Memberships
Other Academic Activities
<ul style="list-style-type: none">➤ Worked as member in various committees in Shivaji college for different events/functions from the August 2017 to till date.
Cultural/ Extracurricular Activities
<ul style="list-style-type: none">➤ Played Shaheed Bhagat Singh Memorial Cricket Tournament, 2019 as a Member of Shivaji College Teachers Cricket Team held in Shaheed Bhagat Singh College from 26th February to 9th March, 2019.➤ Academic visit to Entomology Division, Indian Agriculture Research Institute, Pusa, Delhi in 2019 and 2017 with B.Sc (Life Sciences) VI semester students for understanding of Apiary/ Honey Processing Unit.➤ Academic visit to Government Fisheries Farm, Seelampur, Delhi in 2019 with B.Sc (Life Sciences) IV semester students for understanding of Fish Keeping as part of academic practical syllabus.➤ Academic visit to Delhi Zoological park with Zoology (Hons.) VI semester students in 2018 and 2015 as part of practical syllabus of Animal Behaviour subject.➤ Student visit to Museum, Department of Geology, University of Delhi for understanding of Evolutionary aspects in 2018.➤ Worked as 'Sergeant' in National Cadet Corps (DLI /SO/05/9450), 5 Delhi BN NCC,

Kirori Mal College during the period of **2006-2007**.

Signature of Faculty Member