




Shivaji College Faculty Details Proforma

Title	First Name	Last Name	Photograph
Ms.	NIMITA	KANT	
Designation	ASSISTANT PROFESSOR		
Address	SHIVAJI COLLEGE, RING RD, SHIVAJI ENCLAVE, RAJA GARDEN, NEW DELHI, DELHI 110027		
Office Phone No.	011-25116644		
Residence			
Mobile	9871620360		
Email	nimita@shivaji.du.ac.in		
Web-Page			
Educational Qualifications	M.sc. NET-JRF (CSIR-UGC)		
Degree	University/Institute	Year	
Ph.D.			
M.Phil./M.Tech.			

PG	M.Sc. Zoology , Hansraj College, University Of Delhi	2006
UG	B.Sc. Zoology , Gargi College, University Of Delhi	2004
Any Other Qualification	NET-JRF (CSIR-UGC)	2007

Career Profile

After completing M.Sc. in Zoology in 2006 (Topped my Specialization: Reproductive Physiology). I was awarded a Junior Research Fellowship in Life Sciences under the CSIR fellowship scheme and was declared eligible for Lecturership (NET- qualified) in June 2007. Worked as Assistant Professor At Kalindi College, University Of Delhi (July2007-August 2007). Serving Shivaji College As Assistant Professor In Department Of Zoology Since August 2007 till date. Participated and organized various International/National Seminars And Conferences Since Then. Successfully completed an Innovation research project funded by Delhi University (2016-17).

A successfully mentored project titled “To record the Seasonal Variation Of Invertebrates Biodiversity In Riparian Zone Of The Yamuna River In Delhi –NCR region by using Foldscope as a research tool” under foldscope scheme, sanctioned by the DBT (Department of Biotechnology, Ministry Of Science And Technology, Govt. of India.

Co-supervised, Junior Research Fellow Miss Deuvshree Sharma from July 3, 2018, to July 3, 2019, in the above project.

Currently doing independent research work on developing a better Paedagogical Tool to teach Embryology/ Developmental Biology to Undergraduate students.

Co-convenor, Department of Biotechnology (DBT) STAR College for Zoology dept. Shivaji College, University of Delhi.

Administrative Assignments

1. SC/ST LIASION OFFICER- Appointed as SC/ST Liaison Officer for Shivaji College w.e.f- (29.8.2011),working as same till date
2. Appointed as SC/ST OBSERVER in selection committee for appointment of Adhoc teaching faculty(Assistant Professor)of various department since 2011.
3. Served As Teacher In Charge in the Department Of Zoology, Shivaji College, D.U. (2017-18).
4. Elected as Secretary, SCTA (Shivaji College Teacher’s Association) on November 7, 2019, working as same till date.

Areas of Interest/Specialisation

1. REPRODUCTIVE ENDOCRINOLOGY
2. DEVELOPMENTAL BIOLOGY
3. CELL BIOLOGY

Subjects Taught

1. DEVELOPMENTAL BIOLOGY
2. ANIMAL PHYSIOLOGY
3. CELL BIOLOGY
4. COMPARATIVE ANATOMY OF VERTEBRATES
5. FUNDAMENTALS OF BIOCHEMISTRY
6. EVOLUTIONARY BIOLOGY
7. CHORDATES

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

1. INNOVATION PROJECT TITLED (MINOR) : “A Dried Blood Spot collection study for detection of Brucellosis in Bovine Population of Indian villages: an ELISA based system specific to Omp25 and Omp28 proteins of *Brucella abortus*.” Project Code: SHC 308 University of Delhi ,Under the aegis of Innovation Project –Completed (Total Grant Rs. 5,00,000).
2. Co-Project Investigator of project – To record the Seasonal Variation Of Invertebrates Biodiversity In Riparian Zone Of The Yamuna River In Delhi –NCR region by using Foldscope as a research tool ,under Foldscope Scheme,sanctioned by DBT(Department of Biotechnology, Ministry Of Science And Technology, Govt. of India.
3. Co-convenor, Department of Biotechnology (DBT) STAR College for Zoology dept. Shivaji College, University of Delhi.

Publications Profile (*Research Papers/Books*)

1. Nimita Kant, Parul Kulshrestha, Rashmi Singh, Anuradha Mal, Shashikant Kumar, Mohit Tehlan, Amita Dwivedi, Rinkle Mehra, Riya Ahuja, Shilpa Kaushik and Pritosh Ahmed, Prevalence of Brucellosis and awareness of its spread; DU journal of Undergraduate Research and Innovations, 2018, 3(1), 43-49.
2. Kant, N., Kulshreshtha, P., Singh, R., Mal, A., Dwivedi, A., Ahuja, R., ... Bhatnagar, R. (2018). A study to identify the practices of the buffalo keepers which inadvertently lead to the spread of brucellosis in Delhi. *BMC Veterinary Research*, 14(1), 329. <https://doi.org/10.1186/s12917-018-1670-2>
3. Chief Editor of Sansmaran “A Decade of Reminiscence”, a Coffee Table Book released By Women Development Cell, Shivaji College, on January 10, 2020 (ISBN 8190-1856-24).

Conference/Seminar/Faculty Development Programme/Workshop

1. Participated in ISCE-2005, National Symposium on Comparative Endocrinology & Reproductive Physiology: Retrospect & Prospect (Nov17-19'2005) Organized by Dept. of Zoology, University of Delhi -7
2. Participated in Workshop organized by ILL& Daulat Ram College, D.U. on Biology Laboratory Course (BY-106) for B.Sc. Prog. First Year(Sept 2-4'2008)
3. Participated in Workshop organized by ILL & Centre of Promotion of Undergraduate Research & Training- ANDC-D.U. on Biology Laboratory Course (LS 306) for B.Sc. Prog. Third Year (Oct 21-24'2008)
4. Participated In National Symposium On "Catenanes" (Molecular Cell Biology) Organized by the Department Of Biochemistry, Shivaji College, University Of Delhi on 24-25th March 2009
5. Attended Conference organized by Indian Eye Research Group (IERG)-LVPEI-CCMB 19th Annual meeting-July 30-31'2011 at Hyderabad, India
6. Participated in SYNTENY-2007- The Biochemical Society Seminar, Organized by dept. of biochemistry, Shivaji College, D.U. Oct 26-27' 2007
7. Participated in FRONTIERS AND AVENUES IN PLANT SCIENCES Seminar, Organized by Dept. of Botany, Shivaji College, D.U. on 20-21st January 2011.
8. Successfully Organized And Conducted A Joint Lecture Series Cum Departmental Society Function Named – BIOCONVERGENCE – 2014, THE SCIENCE CARNIVAL, By Dept. Of Biochemistry, Botany And Zoology, SHIVAJI COLLEGE as a TREASURER For The Above Event Held On 26TH and 27TH March 2014
9. Successfully Organized And Conducted A Joint Lecture Series Cum Departmental Society Function Named – BIOCONVERGENCE – 2015, THINK SCIENCE, By Dept. Of Biochemistry, Botany And Zoology, and Chemistry, SHIVAJI COLLEGE as a TREASURER For The Above Event Held On 12TH March 2015
10. Participated in the Annual Conference Of Indian Society Of Medical & Paediatric Oncology (ISMPO) held on 5-6th November 2016.
11. Participated In National Symposium On *Lifestyle Disorders* (Understanding The Molecular Mechanisms) Organized by the Department Of Biochemistry, Shivaji College, University Of Delhi on January 28-29, 2016.
12. Participated in a Workshop On "Environmental Pollution And Health In Urban Ecosystems" (EPHUE-2016) held At Department Of Environmental Studies, North Campus, New Delhi On 23rd June 2016.
13. Poster Presentation entitled,"Seroprevalence survey of Brucellosis in buffalo population of Delhi NCR region" at National Conference, Bioepoch 2016 on 14th March 2016, Jawaharlal Nehru University, Delhi, India

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14. **Poster Presentation entitled, "Seroprevalence survey of Brucellosis in buffalo population of Delhi NCR region" at National conference on Trends in Research and Innovations in Life Sciences at Undergraduate level on 30th March 2016, Deen Dayal Upadhyaya College, University of Delhi.**
 15. **Participated in a workshop "DNA Fingerprinting"- Science Setu organized at Hindu College on 22nd Jan 2016 by NII and University of Delhi.**
 16. **Participated in Brucellosis 2016 International Research Conference Held At National Agricultural Science Complex (NASC) , New Delhi , held from 17-19th November 2016.**
 17. **Participated at INSCR International Conference (IIC-2017) On Role Of Microbe Plant Animal Interaction In Human Health Held From September 26-28th 2017.**
 18. **"Workshop on Microscopy" jointly Organized by 'Indian Society Of Cell Biology' and Department Of Genetics , University of Delhi South Campus, New Delhi 110021 on 27th March 2018.**
 19. **Successfully completed Ten days Faculty Development Program titled" University Functioning & Blended Learning" from 8th Dec- 20th dec 2018 conducted by Guru Angad Dev Teaching Learning Centre , under PMMMNMNTT scheme of MHRD, Govt. of India, at SGTB Khalsa College, University Of Delhi.**
 20. **Successfully completed One-week Faculty Development Programme For Senior Faculty organized by the UGC-HRDC, Jamia Milia Islamia, New Delhi from 24th Dec -31st Dec 2018.**
 21. **Attended International Conference Integrative Chemistry, Biology and Translational Medicine(ICBTM-2019) 25-26 February, 2019 Organised by: Centre for Global Health, Hansraj College, University of Delhi, Delhi, India & Loyola University Chicago Stritch School of Medicine, USA.**
 22. **Poster presentation (PP-62) "Correlation and prognostic significance of programmed death-ligand 1 and p53 mutational status in eyelid sebaceous gland carcinoma" at International Conference Integrative Chemistry, Biology and Translational Medicine(ICBTM-2019) 25-26 February, 2019 Organised by: Centre for Global Health, Hansraj College, University of Delhi, Delhi, India & Loyola University Chicago Stritch School of Medicine, USA.**
 23. **Participated in E summit on February 14-15, 2019 on the theme, 'Entrepreneurship Development through Ecotourism in Northeast India'. at Shivaji College.**
 24. **Participated in National Workshop titled "*Emerging Pollution Challenges on Earth Ecosystem-SAFAR, India's Novel Initiative*" on Tuesday 26th March 2019 at the Conference Centre, University of Delhi & was organized by Environment Pollution Laboratory, Department of Environmental Studies, University of Delhi and is sponsored by the Ministry of Earth Sciences, Government of India.**

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25. Participated in a One day National Symposium on "Recent Trends in Biological Sciences" on the 10th of April, 2019 organised by the Department of Biochemistry, Shivaji College, University of Delhi.
 26. Poster Presentation entitled "A Cost-Effective and Efficient egg windowing method to teach early embryonic development in chick (*Gallus gallus domesticus*) to under-graduate students" at National Symposium on "Recent Trends in Biological Sciences" on the 10th of April, 2019 organised by the Department of Biochemistry, Shivaji College, University of Delhi.
 27. Awarded "First Prize" in Poster Presentation entitled "A Cost-Effective and Efficient egg windowing method to teach early embryonic development in chick (*Gallus gallus domesticus*) to under-graduate students" at National Symposium on "Recent Trends in Biological Sciences" on the 10th of April, 2019 organised by the Department of Biochemistry, Shivaji College, University of Delhi.
 28. Successfully completed a 4 day Hands-On Training Workshop on "*Drosophila And Zebra Fish Model Systems*" organized by Daulat Ram College, University Of Delhi in Collaboration With Sansriti Foundation from (28th-31st May, 2019).
 29. Successfully completed a one week FDP-12 in "Biomathematics" organized by Shivaji College, University of Delhi in Collaboration with Mahatma Hansraj Faculty Development Centre under PMMMMTT, Hansraj College, University of Delhi from 1st-7th August, 2019.
 30. Successfully conducted a five day, Intra College, Laboratory Skill Training Programme For Assistant / Attendants In The Chemical And Life Sciences Laboratories Under DBT, Star College Scheme From May 20-24, 2019.
 31. Successfully organized a One day Lecture and Hands On training by Dr. Jim Cybulski "The Co-Inventer Of Foldoscope", President And CEO Of Foldoscope, Instrument, Inc. & Dr. Shailja Vaidya Gupta, Adviser, (Scientist G), International Cooperation, Department Of Biotechnology, Ministry Of Science And Technology on 15th April, 2019.
 32. Nimita Kant, Deepanjan Banerjee, Vani Srinivasan, Mehak Madan, Perumal Jayaraj. Poster presentation under the category of Innovative idea for the paper "Study of early stages of osteogenesis in Aseel using cost effective and reproducible set-up at undergraduate level" at the One-day National Seminar On "Recent Trends in . Biological Research and Career Prospects", organised by Department Of Zoology, under the aegis of Star College Scheme on September 27, 2019.
 33. Abstract presentation "PD-1 and PD-L1 pathway in sebaceous gland carcinoma of the eyelid: a possible target for curcumin and apeginin ?" at the International Conference on Natural Products and Human Health-2020 (ICNPHH-2020) Deshbandhu College, University of Delhi, Kalkaji, New Delhi, on February 26-29, 2020.

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- 34. Nabhnita Ghosh, Deepanjan Banerjee, Vani Srinivasan, Mehak Madan, Abhimanyu Singh, Perumal Jayaraj, and Nimita Kant. Poster presentation under the category of Innovative idea for paper “Study of early stages of osteogenesis in aseel using cost effective and reproducible set-up at undergraduate level” at the International Conference on Frontiers in Biochemistry and Biotechnology: Strategies to Combat Human Diseases on February 12-13, 2020, organised by the Department of Biochemistry, Shivaji College, and South campus, University of Delhi.**
 - 35. International Seminar on Science, Environment and Spirituality poster presented on “Yoga: An Ancient Therapy for Healthy Mind and Body” organised by Eco Club, Shivaji College, University of Delhi, on September 13,2019.**
 - 36. International Seminar on “Science, Environment and Spirituality” poster presented on “Meditation: Antidote to Chemical Imbalance” organised by Eco Club, Shivaji College, University of Delhi, on September 13,2019.**
 - 37. Served as the Resource person at the Session IV titled “Museum Keeping: Animal Specimen Maintenance” during the Inter-Departmental Laboratory Skill Training Programme For Assistants /Attendants In The Chemical And Life Sciences Laboratories From May 20-24, 2019.**
 - 38. Served as the Resource person at the session IV titled “Museum Keeping: Animal Specimen Maintenance” during the intra-college laboratory skill training programme for assistants/ . attendants in the chemical and life sciences laboratories from November December 27-3, 2019.**
 - 39. Co-convener/Organiser of Health Camp, “Know your Wellness”, on July 5-9, 2019, for the students seeking admission in Shivaji College, accompanying parents and faculty members.**
 - 40. Co-convener/Organiser of Campus Dragonfly Count organised by the Department of Zoology, under the aegis of DBT STAR COLLEGE SCHEME in collaboration with WWF India, BNHS & CEC Delhi on August 20 2019.**
 - 41. Co-convener/Organiser Campus Butterfly Count organised by the Department of Zoology, under the aegisof of DBT STAR COLLEGE SCHEME in collaboration with WWF India, BNHS & CEC Delhi on September 19, 2019.**
 - 42. Co-convener/Organiser of One-day National Seminar on Recent Trends in Biological Research and Career Prospects organised by the Department of Zoology under the aegis of Star College Scheme on September 27, 2019.**
 - 43. Participated in the First JNU Workshop For Empowering Teaching Through Online Mode (JNU WETOM-I) held on April 18 - 19, 2020 (Serial number 1047).**

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44. Participated in the Faculty Development Program: National Webinar entitled *“Towards Excellence In Higher Education In India In The 21st Century Challenges And Opportunities”* Organised By Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University Of Delhi, Under The Pandit Madan Mohan Malviya National Mission On Teachers And Teaching (PMMMNMNTT) of MHRD held on May 1, 2020 Equivalent to a Regular National Seminar.(S.NO. :GAD-TLC/2020/WB10/ 365)
 45. Participated in the Faculty Development Program: National Webinar entitled *“Corona pandemic and Economic challenges in India”* Organised By Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University Of Delhi, Under The Pandit Madan Mohan Malviya National Mission On Teachers And Teaching (PMMMNMNTT) of MHRD held on May 4, 2020. Equivalent to a Regular National Seminar.
 46. Attended National webinar on *“Cyber Crime During Coronavirus Era Its Prevention And Protection”* organised by Shri Vile Parle Kelavani Mandal’s Mithibai College of Arts, Chauhan Institute of Science and Amrutben Jivanlal College of Commerce & Economics, (AUTONOMOUS) Vile Parle (W), Mumbai-56, University of Mumbai UNDER THE AEGIS OF RUSA- CENTRE FOR HUMAN EXCELLENCE on May 7, 2020.
 47. Participated in the International Webinar (Under the aegis of IQAC) on Psychological Well-Being and COVID-19: An Internal Journey, organised by Women Development Cell, Shivaji College, University of Delhi on May 7, 2020.
 48. Participated in the Second JNU Workshop For Empowering Teaching Through Online Mode (JNU WETOM-II) held on May 9 –10, 2020 (Serial number F0537).
 49. Participated in the Webinar (Under the Aegis of IQAC) on Mind Matters: Coping with Stress, organised by Women Development Cell, Shivaji College, University of Delhi on May 11, 2020.
 50. Successfully completed One week Faculty Development Programme on *“Open Source Tools For Research”* organised by Teaching Learning Centre Ramanujan College University Of Delhi Sponsored By Ministry Of Human Resource Development Pandit Madan Mohan Malviya National Mission On Teachers And Teaching (PMMMNMNTT) of MHRD from June 8 to June 14, 2020.
 51. Successfully completed Two-week Faculty Development Programme On *“Managing Online Classes And Co-Creating Moocs 2.0”* Organised By Teaching Learning Centre Ramanujan College University Of Delhi Sponsored By Ministry Of Human Resource Development Pandit Madan Mohan Malviya National Mission On Teachers And Teaching (PMMMNMNTT) of MHRD from May 18 - June 3, 2020.
 52. Co-convener/Organiser of Online Summer Training Internship Titled *“ COVID -19 : Epidemiology And Impacts”* Organised By The Department Of Zoology, Under The Aegis of DBT STAR COLLEGE SCHEME (15th June- 26th July 2020).

Awards and Distinctions

- 1. Awarded Junior Research Fellowship In Life Sciences under CSIR- fellowship scheme and was declared eligible for Lecturership (NET- qualified) in June 2007.**
- 2. Awarded “First Prize” in Poster Presentation entitled “A Cost-Effective and Efficient egg windowing method to teach early embryonic development in chick (*Gallus gallus domesticus*) to under-graduate students” at National Symposium on "Recent Trends in Biological Sciences" on the 10th of April, 2019 organised by the Department of Biochemistry, Shivaji College, University of Delhi.**
- 3. Awarded “First Prize” in Poster Presentation entitled “Study of early stages of osteogenesis in a seel using cost effective and reproducible set-up at undergraduate level” at One Day National Seminar on “Recent Trends in Biological Research and Career Prospects”, organised by the Department Of Zoology, under the aegis of Star College Scheme on September 27, 2019.**

Other Academic Activities

- 1. Successfully completed ,Orientation Course –OR-67,Organized by UGC-ASC, CPDHE-ILLL, University of Delhi (June 20, 2011 to July 16,2011)**
- 2. Successfully completed , Refresher Course in Life sciences organized by UGC- ASC, CPDHE, ILLL, University of Delhi (Dec 9, 2015 to Dec 30, 2015)**
- 3. Served as a Co-convener of the Workshop For Laboratory Assistant/Attendants In Chemical And Life Sciences, Organized By Shivaji College, University of Delhi from 16-18 July, 2014.**
- 4. Served as a Resource Person for the Science Manual at INSPIRE CAMP 2015 held at Shivaji College from 19th to 23rd December 2015.**
- 5. Appointed as Associate Coordinator for Environmental Studies(ES111) online examination for B.Sc (Prog.) 2010.**
- 6. Member of Under-Graduate Curriculum Revision Committee-2019, University of Delhi, under UGC’s Learning Outcome-Based Curriculum Framework (UGC-LOCF) for the course titled Developmental Biology in B.Sc. (Honors) Zoology CBCS Programme.**
- 7. Co-convener, Department of Zoology, Shivaji College, for DBT Star College Scheme.**

Cultural/Extracurricular Activities

- 1. Served As A Member Of Following Committee :Magazine , Prospectus, Garden, Culture And Website Committee**
- 2. Served as a Convenor of the Garden Committee of Shivaji College for 3 years from 2014**
- 3. Presently (2019) a member of Cultural Committee And Women Development Cell(WDC), Shivaji College**