




Shivaji College Faculty Details Proforma

Title	Dr.	First Name	Deepika	Last Name	Yadav	Photograph
Designation	Assistant Professor					
Address	Department of Zoology, Shivaji College, Raja Garden, Delhi University, New Delhi 110027					
Office Phone No.	011-25116644					
Residence	Sanjeevani Clinic, H.No. 56, Sri Sai Baba Enclave, Najafgarh, New Delhi 110043					
Mobile	9873024433					
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Web-Page						
Educational Qualifications	M.Sc. Zoology, Ph.D.					
Degree	University/Institute			Year		
Ph.D.	J.N.V.University, Jodhpur, Rajasthan			2000		
M.Phil./M.Tech.						
PG	J.N.V.University, Jodhpur, Rajasthan			1998		
UG	M.D.S. University, Ajmer, Rajasthan			1996		
Any Other Qualification	CSIR-UGC NET Qualified			2001		
Career Profile						

- Lecturer Zoology at Mody Institute of Education & Research, Lakshmangarh, Deemed University Rajasthan during academic year 2005-2006.
- Assistant Professor, Department of Zoology, Shivaji College, University of Delhi from year 2008 till date.

Administrative Assignments

- **Teacher-in-charge, Department of Zoology, Shivaji College, University of Delhi in academic year of 2012-13, 2016-17 and ongoing 2020-21.**
- **Department Convener for DBT- Star College Scheme .**
- **Admission –in –charge Life-Science 2011, 2014, 2015, 2019**
- **Admission –in –charge Zoology Honors 2012, 2016**
- **ST, SC & OBC Counselling 2013**
- **Grievance committee 2018, 2019**

Areas of Interest/Specialisation

Zoology (Environmental Biology)

Subjects Taught

Molecular Biology, Immunology, Biotechnology, Evolutionary Biology, Cell Biology, Biochemistry, Chordata etc. for B.Sc. Honors and B.Sc. (P) Life Sciences

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

- Principal Investigator in Delhi University Innovation Project(SHC-205) entitled," Milk Adulteration and its effect on Young Population" during November2013- March 2015.
- Principal Investigator in Delhi University Innovation Project (SHC-310) entitled," A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption" during August 2015- October 2016.
- Principal Investigator of two projects for undergraduate students under DBT Star College Scheme.

- (i) To study and analyze the microbial diversity at area around Najafgarh drain.
- (ii) Human-rhesus macaque interface: An ethological study in Delhi-NCR.

Publications Profile (Research Papers/Books)

- D. Yadav and N. Vyas, "Studies on the incidence of cercariae in some fresh water molluscs in the reservoirs of Jodhpur(Raj)." Indian Journal of Environmental Sciences 4(J)p.p.53-56.
- N. Vyas ,P. Kadela ,P. Nama & Y. Deepika,"Community analysis of plant-parasitic Nematodes in and around IGNP region of Jaisalmer, Rajasthan." J. Exp. Zool. India Vol.II,No.2,p.p. 415-417,2008. ISSN.0972003
- A chapter entitled," Women in Science: Deciphering the code???" Published in book Sanshristi:Creator of Good things magazine. ISBN no. 978-81-86845-38-0, May2015.
- Deepika Yadav (2016) "Left Ventricular Assist Device: A breakthrough in the management of end stage heart failure" International Journal of Biotechnology and Biomedical Sciences vol. 2,No .1; pp.22-26. P-ISSN 2454-4582, e-ISSN 2454-7808
- M. Yadav & Deepika Yadav, "Balloon Sinuplasty: A New Tool in the Armamentarium" in 2nd International Conference on Public Health: Issues, Challenges, Opportunities, Prevention, Awareness (Public Health :2016), Full length research paper in conference proceedings organized by Krishi Sanskriti at Convention Centre, JNU, on 21st May, 2016. ISBN: 978-93-85822-17-9
- A chapter, "Pangolin: A Unique Mammal with Scales", in book entitled Wildlife Management: Concept, Analysis and Conservation. Daya Publishing House, New Delhi 110002, ISBN: 978-81-70305. Year 2016
- M. Yadav, D. Yadav et.al (2017). LUDWIG'S ANGINA - A CALL FOR URGENT AND COMPREHENSIVE INTERVENTION. International Journal of Current Research Vol.9 (10), pp.59138-59139.
- Deepika Yadav (2017). "Right of Assisted Reproduction vis-à-vis ethical concerns", in book Reproductive Health In India: Concerns And Awareness. (Editors Baweja V. ; Misra R.) (pp. 105-120). Enriched Publications.Pvt. Ltd. (ISBN: 978-8-19346-343-7)
- M. Yadav, D. Yadav et.al. (2017). Spectrum of ENT Emergencies at a Tertiary Care Hospital in... India. Journal of Medical Science and Clinical Research. Vol 05(11), pp.29833-29837.
- A.P. Ojha,.. D. Yadav et.al (2017). Human Awareness and Wildlife Conservation in Western Rajasthan. International Research Journal of Commerce Arts and Science CASIRJ Volume 8 Issue 9 Page 169-175. ISSN 2319 – 9202
- D .Yadav(2018). Indian Medicinal History with special reference to Zoo therapeutics Book Historical Researches: Theory and Practices; South Asian History Series-II, Published by Youth History Congress, M.D. College, Mumbai. ISBN: 978-81-925005-7-7 page 200-211.

Conference/Seminar/Faculty Development Programme/Workshop

Orientation Programme

Completed OR-71 conducted by the Centre of Professional Development in Higher Education [CPDHE], University of Delhi, from August 06-September 05, 2012.

Refresher Courses

- Completed UGC sponsored Refresher Course in Life Sciences and Biotechnology organized by Jawaharlal Nehru University from July 20-August 14, 2015.
- Completed Refresher Course in Winter School conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi, from 28th November 2017 to 19th December 2017.

Faculty Development Program

- Completed two week Interdisciplinary Faculty Development Programme on Data Analysis using Software Packages (December 12-24, 2018) organized by Department of Statistics & IQAC, Hindu College, University of Delhi, in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi under the scheme Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMNMTT) Ministry of Human Resource Development and DRDO, Delhi and ERNET (MeitY), Government of India, Delhi.
- Participated in One week Faculty Development Programme on , “Biomathematics” from August 1st to August 7th, 2019, organized by Shivaji College, University of Delhi in Collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.
- Completed 2nd Short Term Course in MOOC’s and E-content Development organized by UGC- Human Resource Development Centre, JNU from 14th-19 October, 2019.

Oral/ Poster Presentations

- Poster presentation on, “Understanding the Mechanism and Challenges of Complex Diseases”, at National Conference (UMCCD-2014), organized by Department of Biomedical Sciences, Shaheed Rajguru College of Applied Sciences for women, University of Delhi , from 29th-30 December, 2014.
- Poster Presentation entitled, “Pharmaceutical contamination: A frightening hazard to health and environment”, in National Symposium on ,”Environmental Contamination and Public Health”, organized by Zakir Husain College, Delhi University on 24th August, 2015.
- Poster presentations entitled, “Climate Change Indicators In Himalayan Region” and “ Impact Of Tourism In Himalaya Mountain Regions”, in 1ST HIMALAYAN CONCLAVE-2015 Organized by: INSTITUTE OF BIORESOURCES AND SUSTAINABLE DEVELOPMENT (IBSD) In association with, Department of Botany, University of Delhi, Delhi & Himalayan Environmental Studies and Conservation Organization (HESCO), Dehradun held at Conference Centre DU on September 9-10, 2015.
- Poster presentation and abstract publication entitled, “Significance of nutraceutically balanced edible oil selection to avoid cardiovascular and other ailments”, in International Conference on Public Health: Issues, challenges, opportunities, prevention, awareness (Public Health: 2016) held at Daulat Ram College, University of Delhi, on 15th and 16th

January, 2016.

- Poster presentation and abstract publication entitled, “EDIBLE OIL CONSUMPTION TRENDS AND ASSOCIATED HEALTH IMPLICATIONS” and, “KIDNEY: FROM A VICTIM TO ALLY, A PARADIGM SHIFT IN T2DM MANAGEMENT”, in National Symposium on Lifestyle Disorders Understanding the Molecular Mechanisms held at Shivaji College on JANUARY 28 – 29, 2016.
- Poster presentation and abstract publication entitled, “Syndrome X in context with some adversarial dietary practices in India”, in National Symposium on Man Made Diseases: An Urban Menace held at Maitreyi College, University of Delhi, on 11th & 12 February, 2016.
- Poster Presentation on, “Syndrome X: A Peril To Human Health”, during Global Cardio Diabetes Conclave Chennai 2017 held on 29th September-1 October 2017.
- Poster presentation on, “Prevalence and Correlates of Infertility Among Young Population, in National Symposium and Awareness program on, “Lifestyle and Reproductive Health Challenges”, organized by Daulat Ram College, University of Delhi on 29th March, 2017.
- Oral Paper presentation entitled “Left Ventricular Assist Device: A breakthrough in the management of end stage heart failure” at International Conference on Public Health: Issues, challenges, opportunities, prevention, awareness (Public Health: 2016) held at Daulat Ram College, University of Delhi, on 15th and 16th January, 2016
- Oral paper presentation entitled, “Ethical Rights of Reproduction in context of Compensations and Concerns” in National Symposium on Reproductive Health in India: Concerns and Awareness held at Deshbandhu College, University of Delhi on 12 February 2016.
- Oral presentation on “Zoo therapeutics: A Traditional and Modern Interface” in 11th Symposium on Frontiers in Biomedical Research, Challenges In Human Health: Prevention, Diagnosis and Cure organized by ACBR during 19th-21st February 2018.
- Poster presentation on, “Unifying Community Living And Wildlife Conservation through Sustainable Ecotourism”: at International E- summit on “Entrepreneurship development through Ecotourism in Northeast India” on 14 February, 2019 at Shivaji College, University of Delhi.
- Presented a poster Food prints v/s Foot prints : A Battle to sustain at the International Seminar on Seminar on Science, Environment and Spirituality (ISSES 2019) held at Shivaji College , University of Delhi on 13th September, 2019.
- Presented a poster, “Primate Suspects: An assessment of magnitude of the simian problem in Delhi with respect to artificial provisioning”, at International Summit on Women in STEM- “Visualizing the Future: New Skylines”, held at India Habitat Centre, Delhi on January 23-24, 2020 organized by DBT, Ministry of Science & Technology, Government of India and International Centre for Genetic Engineering and Biotechnology (ICGEB).

Participation in several other International and National workshops, symposiums and seminars.

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

Reviewer for a Ph.D. thesis at J.N.V. University Jodhpur (Raj.) in 2017.

Awards and Distinctions

- **Recipient of Gargi Award for Merit Position in Rajasthan Secondary Board**
- **Junior Research Fellowship recipient under a U.G.C. research project.**
- **Innovation Project (SHC-310) entitled, "A comparative chemical analysis of commercially available newer brands of edible oils for their highlighted benefits for human consumption" was selected for Research display at the Convocation Ceremony in November, 2016 and was awarded certificate of Most Significant Societal Impact.**
- **Certificate of Excellence award for winning the Poster Presentation on, "Syndrome X: A Peril To Human Health", during Global Cardio Diabetes Conclave Chennai 2017 held on 29th September-1 October 2017.**
- **Second best award for poster presentation on, "Prevalence and Correlates of Infertility Among Young Population, in National Symposium and Awareness program on, "Lifestyle and Reproductive Health Challenges", organized by DaulatRam College, University of Delhi on 29th March, 2017.**
- **11th DNA Innovative Education Leadership Awards for the Best Professor In Zoology Studies at Taj Lands End, Mumbai on 16th February, 2019.**

Awarded the best poster award for, “Unifying Community Living And Wildlife Conservation through Sustainable Ecotourism”, at International E- summit on “Entrepreneurship development through Ecotourism in Northeast India” on 14 February, 2019 at Shivaji College, University of Delhi.

Memberships

Other Academic Activities

- Convener annual fest of zoological society OYSTER-2012.
- Co-convener, Session-in-charge and resource person in Workshop for laboratory staff in Chemical and Life sciences organized and held at Shivaji College on 17- 19th July’2014.
- Resource person in the DBT- INSPIRE Science Camp held from December 19-23, 2015 at Shivaji College, University of Delhi.
- Convener and Resource person for Lab Skill Training Program for Laboratory Assistants/Attendants in Chemical and Life Sciences from 31st May-3rd June, 2016, organized by Shivaji College, University of Delhi. (University Level)
- Convener, Workshop on Environmental Pollution and Health in Urban Ecosystems (EPHUE- 2016) held at Department of Environmental Studies, North Campus, University of Delhi, New Delhi on 23rd June 2016(University level).
- Convener and Resource person for Sharing Science Rising together an interdisciplinary workshop for science faculty organized by Shivaji College on 24th September and 1st October,2016.(College level)
- Departmental co-ordinator & Resource person ABO and Rh blood grouping in DBT-INSPIRE 2016 Program being held on 14-18th December, 2016 at Shivaji College.
- Convener ‘Vivente 2017’ a lecture series and annual fest of zoological society OYSTER.
- Resource person in 3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants in the Chemical and Life Sciences organized during 10-14 July 2017 at Shivaji College, University of Delhi.
- Resource person in the DBT-INSPIRE Science Camp held from July 16-21 2018 at Shivaji College, University of Delhi.
- Campus Coordinator/Convener Campus Butterfly Count Survey, workshop and Lecture on 10th September 2018 in collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi.
- Organizing member, Women Development Cell, for International Conference on, “Women’s Leadership for Global Peace and Prosperity”, organized at Shivaji College, University of Delhi on 9th -10th January 2020
- Convener “Online Guidance Program Regarding Entrance Examinations for Higher Studies & Scholarships in Biological Sciences” webinar organised by Department of Zoology, Shivaji college, University of Delhi on 16th June 2020.

- **Department Convener for DBT- Star College Scheme 2019 -20.**
- Convener & Resource person for Colorimeter and Spectrophotometer handling and care in Intra college Laboratory Skill Training Program for Assistants/Attendants in chemical and life science laboratories organized under DBT-Star College Scheme at Shivaji College, University of Delhi from 20- 24 May, 2019.
- Convener & Resource person for four week Summer Training Program, “ Disease & Diagnostics” organized by Department of Zoology, Shivaji College, University of Delhi under DBT Star College Scheme from 17 June -12 July, 2019.
- Organizer Health Camp, “Know your Wellness”, on 5th &9th July 2019 for the students seeking admission in Shivaji College, accompanying parents and faculty members.
- Campus Coordinator/ Convener Campus Dragonfly Count Survey, workshop and Lecture 20th August 2019 under DBT Star College Scheme in collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi.
- Campus Coordinator/ Convener Campus Butterfly Count Survey, workshop and Lecture 19th September 2019 under DBT Star College Scheme in collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi.
- Convener National Seminar ‘Recent Trends in Biological Research and Career Prospects’ organized at Shivaji College, University of Delhi, under the auspices of the DBT Star College Scheme Program on 27th September 2019.
- Convener Inter College Lab Skill Training Programme organized at Shivaji College under DBT Star College Scheme from 27th November- 3rd December 2019.
- Resource person for Colorimeter and Spectrophotometer: Care and Handling in Inter College Lab Skill Training Programme under DBT Star College Scheme from 27th November- 3rd December 2019 at Shivaji College.
- Convener Webinar on, “Epidemiology, Detection, Treatment and Comparative Genomics of SARS CoV-2 and Managing Personal and Professional Life During COVID-19 Pandemic and Lockdown” talk delivered by Professor Rup Lal, NASI Senior Scientist Platinum Jubilee Fellow on July 9, 2020.
- Convener Webinar on, “Importance of IPR in Pandemic situation: Special focus on Expedite Patent processing” talk delivered by Dr. Kumar Kartikey Yadav, Examiner of Patents & Designs Patent Office, Delhi on July 11, 2020.
- **Member for structuring the course for Four Year Undergraduate Programme (FYUP) Applied Course (AC Paper) III Semester Medical Diagnostics in year 2013.**
- **Member subject revision committee for B.Sc. Honors Zoology Evolutionary Biology paper, University of Delhi in year 2017.**
- **Member subject revision committee UGC-LOCF for Biotechnology for B.Sc. Zoology Honors, University of Delhi in year 2019.**
- **Chaired a session at 8th International Conference LASACON on 26th November 2017 collaboratively organized by CSIR-IGIB, NIB, JNU & LASA.**
- **Reviewer for Cogent International Journal, Taylor & Francis Group, UK**

Cultural/ Extracurricular Activities

- Member organizing committee for a one day workshop “Ankuran” on Development of Herbal Garden organized by e-saviours, Eco-Club, Shivaji College, University of Delhi, on 29th January,2015.
- Conducted ADAPT- The Plantation Drive with Leaders For Tommorrow (LFT) in college on 17th September 2015 at Shivaji College Campus.
- Organizing member Entrepreneurship development cell National E-submit held during 11-12 Jan 2018 at Shivaji College.
- Teacher Co-ordinator Enactus 2015.
- Organizing Committee member International E- summit on “Entrepreneurship development through Ecotourism in Northeast India” on 14 February, 2019 at Shivaji College, University of Delhi.
- Member Editorial Team 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).

Committee Member:

- NSS (2010)
- Student Advisory Committee (2014-15, 2015-16, 2018-19)
- Eco Club (2012-13, 2013-14, 2016-17, 2017-18)
- Screening Committee (Zoology 2014-15, Biochemistry and Biological Sciences 2017, Zoology 2020)
- Entrepreneur development cell (2017-18, 2018-19).
- Women Development Cell (2019-till date)

Dr. Deepika Yadav

Signature of Faculty Member