




Faculty Details proforma for DU College Web-site



Title	Dr	First Name	MONICA	Last Name	MISRA	Photograph
Designation						
Address						
A-801, Anant Apartments, Sector 4, Plot No. 25 A, Dwarka, New Delhi 110078						
Phone No Office						
011-26412547						
Residence						
011-35634154						
Mobile						
9560076661						
Email/ Web-Page						
monicamisra@andc.du.ac.in						
Educational Qualifications						
Degree	Institution				Year	
B.Sc. (H) Zoology	MIRANDA HOUSE, University of Delhi				1990	
M.Sc. Zoology	DEPARTMENT OF ZOOLOGY, University of Delhi				1992	
M. Phil.	DEPARTMENT OF ZOOLOGY, University of Delhi				1993	
Ph.D.	DEPARTMENT OF ZOOLOGY, University of Delhi				1999	
Career Profile						
<p>(a) Convenor of the Committee for drafting the syllabus of UGCF 2022 based on NEP 2020 guidelines for B.Sc. (P) Life Science Discipline Specific Core (DSC) Semester IV for Paper : Developmental Biology (DSC-LS) in May 2022</p> <p>(b) Member of the Committee for drafting the syllabus of UGCF 2022 based on NEP 2020 guidelines for B.Sc. (Hons) Zoology for DSC Semester II Human Physiology-I & General Elective (GE-5) Paper : Fundamentals of Human Physiology in May 2022</p> <p>(c) Member of the committee involved in restructuring the course contents of Developmental Biology and Evolution for the B.Sc.(Gen.) Group B and subsidiary for B.Sc. (Hons.) Botany Part I for the paper Developmental Biology and Histology held at the Department of Zoology, University of Delhi in 2003-2005.</p> <p>(d) Member of the committee constituted in restructuring the course contents of Developmental Biology paper of B.Sc. (Hons.) Zoology Part I, held at the Department of Zoology, University of Delhi in 2003.</p> <p>(e) Member of the Courses Committee in Department of Zoology, , University of Delhi in 2012 till 2016.</p> <p>(f) Coordinator for Life Science paper : Comparative Anatomy and Developmental Biology of Vertebrates (Core Course Zoology II) in Curriculum Revision for Undergraduate course (UGC LOCF) at Department of Zoology in March 2019.</p>						

Administrative Assignments
<ul style="list-style-type: none"> ➤ Chairperson , College Complaints Committee (CCC) on Sexual Harassment (2004-2006) ➤ Teacher-in-Charge of Zoology Department (2008-2010, 2020-2022) ➤ Member of Academic Council, University of Delhi (2010-2012, 2012-2014). ➤ Member of the Inter-Disciplinary & Applied Sciences Courses Admission Committee, University of Delhi (2011-2012). ➤ Member of the Standing Committee on Academic Matters, University of Delhi (2011-2012). ➤ Staff Council Secretary (2010-2012) ➤ Member of Proctorial Committee (2012-2014, 2014-2016, 2018-2020) ➤ Member of IQAC (2018-2020) ➤ Member, SPICMACAY (2018-2020) ➤ Member, NSS (2012-2014) ➤ Member, Canteen Committee (2008-2010, 2014-2016) ➤ Member SASHAKT Committee (2016-2018, 2018-2020) ➤ Member Internal Assessment Monitoring Committee (2010-2012) ➤ Member of Interim Working Group of Institute of Eminence (IOE), University of Delhi, from 2/06/2020 till 28/10/2020
Areas of Interest / Specialization
DEVELOPMENTAL BIOLOGY , REPRODUCTIVE ENDOCRINOLOGY
Subjects Taught
Developmental Biology Animal Physiology Comparative anatomy and Developmental Biology of vertebrates
Research Guidance
<ul style="list-style-type: none"> • Guiding Ms. Bhumika Chauhan for Ph.D as Co-Supervisor from March 2022
Publications Profile
(a) Published e book at Amazon on DEVELOPMENTAL BIOLOGY on February 14, 2021 Papers published (b) Phylogeny Based Taxonomy Validation and <i>In Silico</i> Primer Designing of Piscine Tapeworm, <i>Senga lucknowensis</i> using Mitochondrial (COX-1) Gene. Chauhan Bhumika, Misra Monica* and Sharma

Bindu International Journal of Zoological Investigations Vol. 9, No. 1, 561-565 (2023)

- (c) Post COVID-19 Long Term Effects Persisting More Than 6 Months in Various Age Groups of Indian Population Sharma Sneha, Pranav, Shivam, Rana Neha, Vashishtha Khushi, Chauhan Bhumika, Misra Monica* and Sharma Bindu. International Journal of Zoological Investigations, 8(2) , 674-680 (2022)
- (d) Impact of Climatic Change on Respiratory Health. Jain Rajkumar, Aryama Priya, Chauhan Bhumika, Misra Monica* and Saxena Tanushri. International Journal of Zoological Investigations, 8(2) , 973-982 (2022)
- (e) PCR primer design for mitochondrial cox-1 gene from Clinostomum complanatum towards diagnosis. Monica Misra, Bhumika Chauhan, Km Deepika, A.Maduri & Bindu Sharma*. Bioinformation, 18(9), 831-833 (2022)
- (f) Re-characterization of Potential Zoonotic Trematode Parasite Parasitizing Intestine of Snakehead Fish, (Channa striata) Utilizing Multiple Sequence Alignment Tool (MSA). Chauhan Bhumika, Misra Monica* and Sharma Bindu. International Journal of Zoological Investigations, 8(2) , 475-483 (2022)
- (g) Role of A Evolutionary Conserved Hypothalamic Neuropeptide: Neuropeptide Y (NPY) in Release of Gonadotropin and Anterior Pituitary Hormones in Different Animal Groups. Bhumika Chauhan, Varsha Baweja and Monica Misra*. Indian Journal of Natural Sciences, 13(74) , 48415- 48423 (2022)
- (h) A Literature Review on Reckless and Hazardous Contraceptive Practices used since Primeval Times. Bhumika Chauhan and Monica Misra*. Indian Journal of Natural Sciences, 13(73) , 44976 – 44998 (2022)
- (i) Insights from the Predicted Motifs in the Taenia saginata Genome Parasitizing Domestic Water Buffalo, Bubalus bubalis from India. Chauhan Bhumika, Sharma Akshat, Tyagi Manaswita, Tyagi Anju, Misra Monica and Sharma Bindu*. International Journal of Zoological Investigations, 7(2) , 740-750 (2021)
- (j) A short note on predicted motifs in the Thaparocleidus wallagonius genome . Kalpana Singh, Bhumika Chauhan, Anshu Chaudhary, Monica Misra, Bindu Sharma* & Hridaya S.Singh Bioinformation, 17(11) , 940-942 (2021)

Paper presented/ Abstract published in Symposiums:

- (k) Participated & gave an oral presentation of the paper entitled “Modulation of Luteinizing Hormone secretion by Neuropeptide-Y and Epinephrine in the male rat” in 3rd International Symposium of AOSCE held at Kwangju, Korea from Sept 22 to 25, 1998.
- (l) Abstract published entitled “ β -Endorphin decreases the self-priming effect of LHRH and pituitary response in LH release” in 3rd International Symposium of AOSCE held at Kwangju, Korea from Sept 22 to 25, 1998.
- (m) Paper published entitled “Effect of Neuropeptide-Y and Epinephrine on Gonadotropin secretion in sexually maturing and adult rat” in National Symposium in Advances in Endocrine Research and its relevance to

Biotechnology,Utkal University,Bhubaneswar in 1998.

- (n) Participated & gave an oral presentation of the paper entitled “Regulation of Gonadotropin secretion by Neuropeptide-Y and Epinephrine in the male rat” in Satellite Symposium on Neural Control of the Endocrine System, Deptt of Zoology, Nagpur in 1997.

Conference / Presentations /Workshops

1. Presented paper “Role of Indian Women in Science” in 7th International Conference of INSCR held at Acharya Narendra Dev College on 11/11/2022
2. Presented a paper in “Genomics :A Deeper Insights into the Biology of Gene Expression Analysis of a Digenetic Trematode Parasite” in "International conference cum workshop on proteomics, transcriptomics and molecular drug design: an integrated omics approach" organised by Department of Botany, Zakir Hussain College on 26-05-2022
3. Co-Chair the Session for Paper presentation in Online mode for the One Day National Conference on "National Education Policy: Implementation, Challenges, Opportunities and Probable Outcomes" organized by Deshbandhu College, University of Delhi on 14-05-2022
4. Resource person in three day workshop in organized in collaboration with National Bal Bhavan at Acharya Narendra Dev College from July 17-19,2019 , under the aegis of DBT Star College Scheme.
5. Attended and Chaired the session of oral presentation in the National Symposium on “Reproductive Health in India: Concerns and Awareness” on 12th Feb. 2016 organized by the Deptt. Of Zoology, Deshbandhu College, University of Delhi.
6. Attended four weeks Refresher Course in Environmental Science organized by UGC-ASC Jawaharlal Nehru University, New Delhi from 4th April to 29th April, 2011 and obtained grade ‘A’.
7. Member of selection committee for interviewing candidates for MCA admission held in the Deptt. of Computer Science, University of Delhi on 14th July, 2011.
8. Participated in the National Workshop “Evolutionary perspectives in Modern Biological Teaching and Research” organized by Institute of Life long Learning, University of Delhi and CPURT (Centre for Undergraduate Research and Training) & Acharya Narendra Dev College from 8-10th May, 2011.
9. Participated in ‘Stakeholders'Consultation and Launch of UN Decade on Biodiversity for Asia and Pacific organized by the Ministry on 23rd May, 2011 at Ashoka Hotel, New Delhi.
10. Attended four weeks Refresher Course in Life Sciences organized by UGC-ASC Jawaharlal Nehru University, New Delhi from 4th January to 29th January, 2010 and obtained grade ‘A’.
11. Member of the organizing committee of National Symposium “Chemistry in Biology: The Future of Life Science” organized by Acharya Narendra Dev College held from 12thto 13th Feb, 2010 at India International Centre, New Delhi.
12. Resource person in four days Biology Laboratory Course Workshop, B.Sc. Programme LSIII, organized by Institute of Life long Learning, University of Delhi and CPURT (Centre for Undergraduate Research and

Training) Acharya Narendra Dev College from 21st-24th October, 2008.

13. Resource person for the ten days workshop "Understanding complexities of life from molecules to system: Concepts and tools" for undergraduate students of Biology held in Acharya Narendra Dev College from 12th to 23rd May, 2008.
14. Participated in National Symposium on New Frontiers in Cell Biology from 29-30th Nov. 2007 organized by Deptt. Of Biochemistry, Deshbandhu College, University of Delhi.
15. Attended 72nd four week Orientation Programme organized by the UGC-ASC Jamia Millia Islamia, New Delhi from 13th April to 11th May 2005 and obtained grade 'A'.
16. A lecture was presented on 9th June 2005 on In vitro fertilization (IVF) to the Institute of Advanced Studies in Education (Deptt. Of Teacher Training), Jamia Millia Islamia, New Delhi.
17. Participated in two day workshop on Ecology and Environmental Management at Sri Venkateswara College, University of Delhi in July 2005.
18. Participated in two day lecture-workshop on Molecular Endocrinology & Gamete Biology held at Daulat Ram College, University of Delhi in October 2005.
19. Participated in National Symposium on Comparative Endocrinology and Reproductive Physiology organized under ISCE by Deptt. Of Zoology, Univ. of Delhi from 17th to 19th Nov. 2005.
20. Participated in the National symposium on "Biotechnology: Expanding Horizons" organized by Acharya Narendra Dev College and held at INSA auditorium in 2002.
21. Attended capsule training course of 3 weeks on Research Methodology in Reproductive Biomedicine organized by National Institute of Health and Family Welfare, New Delhi in 1994

Research Projects (Major Grants/Research Collaboration)

Established Zebrafish Lab in the college.

Awards and Distinctions

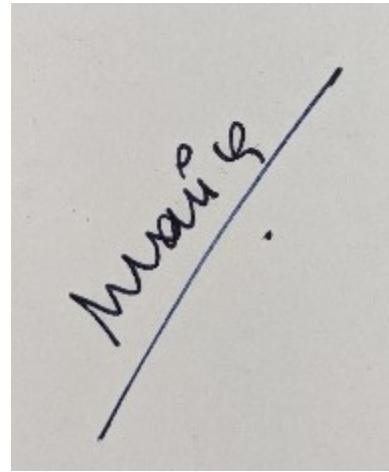
1. Award of financial assistance from Department of Science and Technology, New Delhi to participate in 3rd International Symposium of AOSCE in 1998.
2. Award of GATE fellowship in 1995.

Association With Professional Bodies

Member of Indian Society of Developmental Biologists (From 17/01/2023 onwards)

Other Activities

Currently
Proctor, Convenor of Proctorial Committee
Convenor of DHWANI (Theatre Society),
Convenor of MAAYRA (Dance Society)

A photograph of a handwritten signature in black ink on a light-colored background. The signature appears to be 'M. S. S.' with a long diagonal line drawn through it from the bottom left to the top right.

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC and PDF file to be attached as a link on your faculty page.