




ZAKIR HUSAIN DELHI COLLEGE
(University of Delhi)

Faculty Details

(Please Fill the form and Email it to website@zh.du.ac.in)

Dr.	AMITABH	MATHUR	Photograph
Designation	ASSISTANT PROFESSOR (ACADEMIC LEVEL 12)		
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Phone Number	Office	01123232218	
	Residence		
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Email Id	amitabh.zoology@zh.du.ac.in		
Web Page			
Educational Qualification			
Degree	Institution	Year	
Doctorate of Philosophy (PhD)	Department of Zoology, North Campus, University of Delhi (DU)	2014	
Master of Science (M.Sc.) Zoology	Hindu College, Department of Zoology, North Campus, University of Delhi (DU)	2007	
Bachelor of Science (B.Sc.) Zoology (Hons.)	Zakir Husain College, Department of Zoology, University of Delhi (DU)	2005	
Career Profile			
<p><u>Research Scholar</u> with a experience of more than six years (Aug 2007 to Dec 2013)</p> <p><u>Guest Lecturer:</u> Hindu College, Department of Zoology, North Campus, University of Delhi (July 2013 to Jan 2014)</p> <p><u>Assistant Professor (Level 10):</u> Ramjas College, North Campus, University of Delhi (Feb 2014 to Feb 2015)</p>			

Assistant Professor(Level 10): Zakir Husain College, University of Delhi (Feb 2014 to Feb 2018)

Assistant Professor(Level 11): Zakir Husain College, University of Delhi (Feb 2018 to Feb 2023)

Assistant Professor(Level 12): Zakir Husain College, University of Delhi (Feb 2023 to till Date)

Administrative Assignments

- 1. Convener, Zoological Society-** Inheritance 2016-2017, 2021-2022
- 2. Teacher-in-charge,** Department of Zoology 2017-2018
- 3. University theory exam paper setting** 2016, 2017, 2018, 2019, 2020, 2021, 2023, 2024
- 4. Superintendent of Practical Examination,** Zoology Department 2021-2022
- 5. Convener for drafting the Syllabus as per UGCF 2022,** Paper Title: Biowaste Management & Entrepreneurship
- 6. Member, Drafting the Syllabus as per UGCF 2022,** Paper: Animal Cell Culture
- 7. Member, Drafting the Syllabus as per UGCF 2022,** Paper: Introduction to Biology
- 8. Visit to different colleges as External Examiner to conduct Practical Examination** 2014 to 2025
- 9. Education cum excursion Field trip** to Dalhousie, kalatop, kajiya, Himachal Pradesh (2014)
- 10. Environment Science (EVS) study Education cum excursion Field trip** to Yamuna Biodiversity park, Delhi (2015)
- 11. Maintenance of Discipline in Students Union election-** September 2015, 2017
- 12. Maintenance of Discipline in Fresher's welcome** 2015, 2016, 2018, 2019, 2023
- 13. Member, Garden and Greening Committee** 2016, 2017, 2018
- 14. Row In-charge in Annual convocation-** February 2016
- 15. Maintenance of Discipline in College Annual Festival- Aadab-** 2016, 2019, 2020, 2024
- 16. Member, College Debating Society** 2016-2017
- 17. Member, National Service Scheme (NSS)** 2016-2018
- 18. Maintenance of Discipline in 10th Annual Convocation** – March 2017

19. Jury Member, Best out of waste event, in **College Annual Festival- Aadab-** March 2017
20. Member, **Anti Ragging Squad** 2017, 2018, 2019, 2020
21. Member, **Admission committee** 2017, 2025
22. **Educational-cum Excursion trip** to Satpura National Park, Madhya Pradesh 2017
23. Jury Member, Event held in **College Annual Festival- Aadab-** March 2018
24. **Educational-cum Excursion trip** to National Museum, New Delhi, April 2018
25. Member, **The Enabling Unit** 2018
26. Member, **Academic Supervisory committee** 2018, 2019, 2020, 2021, 2022
27. Verification, DUSU in **Student's Union Election-** September 2018, 2019, 2023, 2024
28. **Educational-cum Excursion trip** to National Zoological Park, Delhi, April 2019
29. **Educational-cum Excursion trip** to Dhauladhar National Park, Himachal Pradesh, November, 2019
30. Member, **Counselling team for students during Pandemic situation of COVID-19**
31. Member, **Time table Committee** 2022, 2023
32. Duty in **College Science festival** April 2024
33. Member **Zoology Department's NAAC committee** 2016 to 2025

Areas of Interest / Specialization

Comparative Vertebrate Immuno-endocrinology / Reproductive Biology

Subjects Taught

Cell Biology, Molecular Biology, Animal Cell Biotechnology, Fundamentals of Human Physiology, Basics of Immunology, Animal Diversity, Medical Diagnostics

Research Guidance

NA
Publications Profile
<p>Title of Ph.D thesis: Seasonal expression and hormonal regulation of GDNF/GFRα-1 and SCF/c-kit in testis of the wall lizard <i>Hemidactylus flaviviridis</i></p> <ol style="list-style-type: none"> 1. Shilpa Bharti, M. M. Misro, Amitabh Mathur, Umesh Rai (2011). Role of estrogen in regulation of spermatogenesis in the Indian wall lizard <i>Hemidactylus flaviviridis</i>. General and comparative endocrinology 172, 225-233. <p>Impact Factor: 3.28 © Journal Citation reports by Thomson Reuters 2013</p> <ol style="list-style-type: none"> 2. Mukesh Gautam, Amitabh Mathur, Meraj Alam Khan, Subeer S. Majumdar, Umesh Rai (2013). Transcriptome Analysis of Spermatogenically Regressed, Recrudescence and Active Phase Testis of Seasonally Breeding Wall Lizards <i>Hemidactylus flaviviridis</i>. PLoS ONE 8(3): e58276. doi:10.1371/journal.pone.0058276. <p>Impact Factor: 4.1 © Journal Citation reports by Thomson Reuters 2013</p>
Conference Organization/ Presentations (in the last five years)
<ol style="list-style-type: none"> 1. Invited to deliver a talk on the topic “Improving efficiency & dynamism through higher awareness cum meditation” organized by BBA & BFSI department of Bhai Parmanand DESU Shakarpur Campus II, July 2024 2. Invited to deliver a lecture on the topic: “Evolution of Human Consciousness”, during the Online short term course on Know Thyself: Balancing Mind, Body and Soul organized by Maitreyi College, University of Delhi, Sept-Oct 2020 3. A talk was delivered during the National webinar on Sahajyoga Meditation: Discover inner peace and positivity, organized by Commerce Department, Daulat Ram College, University of Delhi at Google Meet Platform, July 2020 4. A talk was delivered at the One Day Online workshop titled: Sahaja yoga meditation: Discover Inner peace and positivity organized by Internal Quality Assurance cell in Association with Atman: Mind, Body and Soul club of Sri Ram College of Commerce, University of Delhi, June 2020

<p>5. Invited to conduct a workshop on Sahaja Yoga organized by FLORIDUS the botanical society of <u>Sri Guru Tegh Bahadur Khalsa College, University of Delhi</u>, October 2019.</p> <p>6. Invited to deliver a lecture on <u>Stress Management</u> at In-Service Course for Trained Graduate Teachers (TGT) Science, organized by <u>Kendriya Vidyalaya, Andrews gani, New Delhi</u>, June 2019.</p>
Research Projects (Major Grants/Research Collaboration)
NA
Awards and Distinctions
<ol style="list-style-type: none"> 1. Indian council of Medical Research (ICMR) Fellowship Qualified 2. CSIR- UGC National Eligibility Test (NET) Qualified in the subject “Life Science” Dec 2006 3. CSIR-UGC-NET- Junior Research Fellowship (JRF) Qualified in the subject “Life Science” June 2007 4. <u>Best volunteer award</u> in “International symposium on Microbial Biotechnology: Diversity, genomics and metagenomics” and 49th Annual conference of association of microbiologists of India held at University of Delhi, Delhi from November 18-20, 2008. 5. <u>Best oral presentation award</u> in the International Symposium on “Comparative Endocrinology and Stress Physiology” held at Thiruvananthapuram, Kerala, India from February 16-18, 2012.
Association With Professional Bodies
<ol style="list-style-type: none"> 1. Member of Indian Society of Comparative Endocrinology (ISCE) 2. Member of Delhi University Teacher’s Association 3. Member of Sahaja Yoga Meditation organization
Other Activities (Orientation programs/Faculty induction Programs/ Faculty development program successfully completed)

- 1. Orientation Programme (OR-92) organized by** Centre for Professional Development in Higher Education (UGC-HRDC), DU June-July 2018
- 2. Refresher Course in Life Science organized by** Centre for Professional Development in Higher Education (UGC-HRDC), DU July- August 2018
- 3. One Week Online Faculty Development Program on "ADVANCED PEDAGOGICAL TECHNIQUES" organized by** Teaching Learning Centre, Ramanujan College, University of Delhi Oct- Nov 2020
- 4. One Week Online FDP on "E- Learning and Developing MOOCs for Teaching Process in Higher Education"Organized by** Department of Statistics & IQAC, Hindu College University of Delhi in Collaboration with Teachers and TLC, Ramanujan College, University of Delhi Dec 2020
- 5. One Week Online Faculty Development Programme on "QUALITATIVE DATA ANALYSIS" organized by** Teaching Learning Centre, Ramanujan College, University of Delhi Dec 2020
- 6. One Week Online Faculty Development Program on “Data analysis and Visualisation” organized by** Teaching Learning Centre, Ramanujan College, University of Delhi July 2021
- 7. One week Online Faculty Development Program on the Topic “Education 4.0” organized by** Teaching Learning Centre, Ramanujan College, University of Delhi July 2023