




DEPARTMENT OF ZOOLOGY
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



Title	DR.	First Name	NEETU	Last Name	BHATTACHARYA	Photograph
Designation	ASSOCIATE PROFESSOR					
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Educational Qualifications						
Degree	Institution				Year	
B.SC.	HANSRAJ COLLEGE, UNIVERSITY OF DELHI, INDIA				2002	
M.SC.	DEPARTMENT OF ZOOLOGY, UNIVERSITY OF DELHI, INDIA				2004	
M.PHIL.	DEPARTMENT OF ZOOLOGY, UNIVERSITY OF DELHI, INDIA				2007	
P.HD.	DEPARTMENT OF ZOOLOGY, UNIVERSITY OF DELHI, INDIA				2012	
M.RES.	SCHOOL OF BIOSCIENCES, UNIVERSITY OF NOTTINGHAM, ENGLAND				2013	
Career Profile						
2009 Onwards	Assistant Professor, Department of Zoology, Dyal Singh College, University of Delhi, Delhi					
2007-2009	CSIR -JRF at Department of Zoology, University of Delhi, Delhi					
Administrative Assignments (From 1 st July 2016 onwards)						
<ol style="list-style-type: none"> 1. CENTRAL PLACEMENT CELL (CPC) COLLEGE COORDINATOR: 2016-17; 2017-2018; 2018-2019; 2019-2020; 2020-2021;2021-22 2. PLACEMENT CELL CONVENOR: 2016-17; 2017-2018; 2018-2019; 2019-2020; 2020-2021;2021-22 3. ZOOLOGICAL SOCIETY CONVENOR: 2017-2018; 2018-2019; 2020-2021; 2021-22 4. PROMOTION COMMITTEE MEMBER: 2016-17 5. ALUMNI ASSOCIATION CO-CONVENOR: 2021-22 6. INTERNAL QUALITY ASSURANCE CELL MEMBER: 2021-22 7. NAAC CORE COMMITTEE MEMBER: 2021-22 8. NAAC STEERING COMMITTEE MEMBER: 2021-22 9. DSC SUSTAINABILITY FORUM MEMBER: 2022-23 10. LIBRARY COMMITTEE MEMBER: 2022-23 						
Areas of Interest / Specialization						
ADVANCED GENOMICS AND PROTEOMIC SCIENCES; BIOTECHNOLOGY						
Subjects Taught						
BIOTECHNOLOGY, IMMUNOLOGY, BIOCHEMISTRY, CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS AND GENOMICS, RESEARCH METHODOLOGY, MEDICAL DIAGNOSTICS, INTRODUCTION TO BIOLOGY, ENVIRONMENTAL SCIENCE						

Research Guidance
NIL
Publications Profile (From 1 st July 2016 onwards)
<ol style="list-style-type: none"> 1. Bhattacharya A., Sharma N., Bhattacharya N., Senapati S. (2019) In-silico Targets in Immune Response. In: Kumar S., Egbuna C. (eds) Phytochemistry: An in-silico and in-vitro Update. Springer, Singapore. https://doi.org/10.1007/978-981-13-6920-9_21. 2. Neetu Bhattacharya and Sabyasachi Senapati (2020) Vaccine Development: Trials, Approval and Ethical Issues. In: Vigyan Prasar Dream 2047, December 2020/vol 23/No.3. 3. Bhattacharya, A., Maurya, S.K., & Bhattacharya, N. (2020). Emergence of the Fifth Human Malaria Parasite Plasmodium Knowlesi: A New Threat to Public Health?. Asian Journal of Research in Infectious Diseases, 5(4);49-53. 4. Bhattacharya, N., Maurya, S.K., Senapati, S., & Bhattacharya, A. (2020). A Review on Drug Repurposing: A Strategy to Treat Human Coronavirus Disease (COVID-19). International Journal of TROPICAL DISEASE and Health, 41(21), 42-54. 5. Maurya SK, Bhattacharya N, Mishra s, Bhattacharya A, Banerjee P, Senapati S, Mishra R. Microglia Specific Drug Targeting Using Natural Products for the Regulation of Redox Imbalance in Neurodegeneration. Front in Pharmacol. 2021 Apr13;12:654489. 6. Bhattacharya, N., Maurya, S.K., Bhattacharya, A., Senapati, S. (2021). Obesity Induced Chronic Low-Level Inflammation and Cancers. In: Kumar, S., Gupta, S. (eds) Obesity and Cancer. Springer, Singapore. 7. Maurya, S.K., Bhattacharya, N., Bhattacharya, A., Senapati, S. (2021). Adipokines play important role in Cell Proliferation and Anti-proliferation. In: Kumar, S., Gupta, S. (eds) Obesity and Cancer. Springer, Singapore.
Conference Organization/ Presentations (From 1 st July 2016 onwards)
<ol style="list-style-type: none"> 1. Organized National Symposium on “Recent Trends and Ethics in Biological Research” at Dyal Singh College, University of Delhi, 7th March, 2020. 2. Organized One Week Workshop on “CAREER DEVELOPMENT” at Dyal Singh College, University of Delhi, 26th March-1st April 2021 3. Delivered Invited Talk on “BCL11A/COUPTF-II Regulation of Globin Gene Expression” in National Conference of Newer Avenues in the field of Chemical Sciences at Department of Chemistry, DST & SKIT, Jaipur, Feb 14-15, 2020. 4. Oral Presentation on” BCL11A/COUPTFII regulation of globin gene expression: Bioinformatics Analysis” in National Conference on Recent Trends and Advancements in Chemical Sciences, Department of Chemistry, University of Delhi, March 29-31, 2019.

<p>5. Poster Presentation at National Conference on Vector Borne and Zoonotic Diseases, Asutosh College, Kolkata, 9th December, 2017.</p> <p>6. Presented Thematic Poster in the event on “Expert Lectures on Cancer Prevention and Awareness” on World Cancer Day at University of Panjab, 3rd February 2020.</p>
<p>Research Projects (Major Grants/Research Collaboration) (From 1st July 2016 onwards)</p>
<p>NIL</p>
<p>Awards and Distinctions</p>
<p>1. Delhi University Staff Development Scholarship Award 2. University of Nottingham Distinction Holder 3. Breakthrough Publication in Nucleic Acids Research (NAR), Oxford University Press, IF-19.16)</p>
<p>Association With Professional Bodies</p>
<p>1. Member, American Association for the Advancement of Sciences (AAAS), USA 2. Life Member, National Academy of Vectors and Vector Borne Diseases, INDIA 3. JURY MEMBER, INSPIRE, DST , Ministry of Science and Technology, Govt. Of India</p>
<p>Other Activities like MOOCs/ Patents etc. (From 1st July 2016 onwards)</p>
<p>1. E-content entitled: Giardia: Morphology, Biology for e PG Pathshala under NME-ICT (MHRD PROJECT) 2. Content Development for INSTITUTE FOR LIFE LONG LEARNING (ILLL), DU 3. Module and Lecture Development FOR E-PG PATHSHALA, MHRD PROJECT</p>

Dr. Neetu Bhattacharya
Signature of Faculty Member