



Faculty Details proforma for Gargi College

Title	Ms.	First Name	Smita	Last Name	Ray Choudhury	Photograph
Designation	Associate Professor					
Address	Department of Zoology Gargi College University of Delhi Siri Fort Road					
Email	Smita.ray@gargi.du.ac.in Smita9ray@gmail.com					
Educational Qualifications						
Degree	Institution				Year	
B.Sc. (Hons) Zoology	Gargi College, University of Delhi, Delhi.				2003	
M.Sc. Zoology	Department of Zoology, University of Delhi, Delhi.				2005	
CSIR-UGC NET	CSIR-UGC				2005	
Career Profile						
<ul style="list-style-type: none"> • 2021 – Present: Associate Professor at Department of Zoology, Gargi College, University of Delhi, Delhi. • 2006 – 2021: Assistant Professor at Department of Zoology, Gargi College, University of Delhi, Delhi. 						
Administrative Assignments						
<ul style="list-style-type: none"> • Departmental Headship/ Teacher In-Charge (2012-13, 2016-17, 2017-18). • Convenor for Departmental work load and Time table (2015-16, 2016-17, 2017-18). • Superintendent of Zoology Practical exams (2016-17, 2017-18). • Co-Convener/ Faculty advisor for B.Sc. (Prog) Life Science - Academic and association (2009-10, 2010-11, 2012-13). 						

- Convenor and member for Departmental/subject Admission committee (2006-07, 2007-08, 2008-09, 2009-10, 2011-12, 2012-13, 2014-15, 2015-16, 2016-17, 2017-18).
- Departmental Office bearer committee member (2016-17, 2017-18).
- Departmental Grant and Purchase committee member (2016-17, 2017-18).
- Departmental museum maintenance/checking committee member (2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2015-2016).
- Convenor for College Annual Science Festival - Scintillation (2016-17).
- Screening committee member: screening and selection of applicants for the interview for open post of Assistant Professor in Department of Zoology, Gargi College (2019-20).
- Ad-hoc Faculty selection committee member (2016-17, 2017-18).
- IQAC committee member (2017-18, 2018-19, 2019-20, 2020-21).
- Editorial team member for College Prospectus (2009-10).
- Editorial team member for Flight magazine (2016-17, 2017-18).
- Faculty advisory member of various college societies like NSS, Eco club, Alumni committee, Building maintenance committee, Indian dance society etc.

Areas of Interest / Specialization

- Area of interest: Cell Biology, Molecular Biology, Developmental Biology, Physiology.
- Specialization: Reproductive physiology/ Endocrinology.

Subjects Taught

- B. Sc. (Hons) Zoology: Molecular Biology, Developmental Biology, Physiology, Cell Biology, Ecology, Non-chordates, Chordates, Environmental Sciences.
- B. Sc. (Prog) Life Sc. III year: Immunology, Physiology & Biochemistry, Comparative anatomy & Developmental Biology, Animal diversity.
- Ge- Human Physiology.

Workshop/ Lectures Organized

- Organizing committee member for International E-Conference "NeuroEunoia 2020: A Neuroscience Affair" (16-17/10/2020).

- Convenor for Symposium “Wanderers of Nature” Organized by Department of Zoology. (2017).
- Organized various lectures under Zoological society “Albatross” during TIC tenure. (2016-17, 2017-18).
- Organized (as Convenor) along with other colleagues’ series of lectures for College annual science festival - Scintillations (2017).
- Organized in association with NSS Gargi College, an “Interactive session” with Dniprocare- NGO that deals with providing palliative care to terminally ill patients (2016).
- Resource Person for Summer Immersion Programme/ workshop under DBT Star College, organised by Dept. of Zoology (11-18/07/2018).

Refresher Course/Orientation Programme Attended:

- Refresher course in Research Methodology and Data Analysis, organized by Teaching learning Centre PMMMMNMTT, MHRD, Ramanujan college, University of Delhi. (24/03/2021 to 07/04/2021).
- FDP in Research Methodology, organized by Teaching learning Centre-PMMMMNMTT, MHRD, Ramanujan college, University of Delhi (01/10/2020 to 15/10/2020).
- Refresher Course in Indian Education System and Skill Development (IDC), Organised by CPDHE, UGC-HRDC, University of Delhi (03/01/2020 to 16/01/2020).
- Refresher Course in Life Science, organized by CPDHE, UGC-HRDC, University of Delhi (17/07/2018 to 06/08/2018).
- Orientation Programme (OR-88) organized by CPDHE, UGC-HRDC, University of Delhi (31/05/2017 to 28/06/2017).

Recent Publications

- Zinc Resilient Agri-Food: Possible role as a natural immunity booster in children to fight against Covid infection, International Journal of Science and Research (IJSR) - Peer-reviewed & refereed, ISSN 2319-7064, June 2021, Volume 10, Issue 6, DOI: 10.21275/SR21626101057.
- Human Gene Therapy: A short review, International Journal of Science and Research (IJSR) - Peer-reviewed & refereed, ISSN 2319-7064, June 2021, Volume 10, Issue 6, DOI: 10.21275/SR21616183125.
- Food Derivative Neurotoxins: A Silent Killer of our Well-Being, International Journal of Science and Research (IJSR)- Peer-reviewed & refereed, ISSN 2319-7064, June 2021, Volume 10, Issue 6, DOI: 10.21275/SR21615122510.

- Chapter: Incubation and start-ups, Business innovation and sustainable management, Eureka Publication, ISBN 978-93-91260-01-9.

Conference/ Seminar / Workshop / Presentations

- National Conference on Technical Empowerment of Women, organised by National Academy of Science, India (2018)
- National Seminar on Mentoring Teacher Mentor, organized by IQAC/NAAC, Gargi College (2017)
- Summer Immersion Programme under DBT Star College, organised by Dept. of Zoology, Gargi college (2017).
- 2nd Task Force meet under star College scheme (2016)
- Workshop on Biology Lab Course, organized by Institute of Life Long Learning in collaboration with Acharya Narendra Dev College (2008).
- Workshop on Biology Lab Course, organized by Institute of Life Long Learning in collaboration with Miranda House (2008).

Awards and Distinctions

- Scholarship awarded under Cultural Talent Search Scholarship scheme, Centre for Cultural Resource and Training, Ministry of Culture, Government of India.
- Shankar's International Award (awarded by Vice-President of India, Shri K. R. Narayanan).
- Shankar's National Award (awarded by Chief Minister of Delhi, Mr. Madan Lal Khurana).
- 15 Times Gold Medalist and recipient of Kala Shree award from Nehru Bal Samiti (National Level).
- Painting exhibition by Creative Front, held at Lalit Kala Academy, New Delhi.
- Awarded Meritorious Prize for participation in 27th Youth Parliament, by Ministry of Parliamentary Affairs, Government of India.
- Exhibition of Science Model at District Level (District South, Delhi), Directorate of Education, NCT: Delhi.
- Winner of Poetry Competition organized by Government of West Bengal, (awarded by Mr. Sardana, Resident Commissioner, Government of West Bengal).
- Prize winner in various Delhi University inter college competitions (under-graduation level) like Poster Making Competition, Scientific Flower Arrangement, Scientific Rangoli, debate etc.

Association with Professional Bodies

Contributor and Reviewer member of Syllabus Committee, for syllabus upgradation in LOCF: Animal Form, Structure and Function for B.Sc. (Program) Applied Life Science and cell Biology, Developmental Biology for B.Sc. (Hons) Zoology.

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Other Activities

Associated with DNipCare “National Initiative in Palliative Care” Regd. No. S-67554/2009: An initiative to improve the quality of life of patient and their families facing problems relating to life limiting illness, through holistic assessment, psycho-social and medical support.