



# NILADRI SEKHAR MONDAL

Assistant Professor

## BRIEF

## CONTACT

**DEPARTMENT:** Environmental Science

**SCHOOL OF STUDIES:** School of Sciences

**DATE OF JOINING:** 01.08.2019

**ADDRESS:**

School of Sciences,  
Netaji Subhas Open University  
Jalpaiguri Regional Center  
Mouza-Patkata, P.S.: Kotwali,  
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## ACADEMIC QUALIFICATION

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M.Sc., M. Phil.

## TEACHING EXPERIENCE

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**Netaji Subhas Open University, Assistant Professor of Environmental Science**

01.08.2019 – Till date

## AWARDS AND FELLOWSHIPS

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- RGNF in 2015 awarded by UGC
- State Fund in 2017 awarded by Govt. of West Bengal

## RESEARCH INTERESTS, FUNDED PROJECT & EXPERIENCE

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- **Research Interest:** Ecotoxicology and aquatic toxicology, Heavy metal toxicity, Fish Hematology
- **Research Experience:** Since 2015 to till date (Total of 7 years)

## UG & PG TEACHING ASSIGNMENTS

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- Assigned for UG compulsory Environmental Studies (AECC-2) course

## MEMBERSHIP OF DIFFERENT COMMITTEES

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- Member of UG BoS for Environmental Studies (AECC-2) and FST, NSOU
  - Member of PG BoS for Environmental Science (PGES), NSOU
  - Member of the Induction meeting cum Inspection team for different LSCs of NSOU
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**ELIGIBILITY TEST CLEARED (NET/SET/GATE etc.):**

Sl. No.	Details
1.	UGC NET (2014, 2018, 2019)

**DETAILS OF PUBLICATIONS (BOOKS/ EDITED VOLUME / RESEARCH PAPERS/REVIEW): [Last 10 Year]**

Sl. No.	Title of the paper vol. No., Issue No., Page No, Year	Publisher	Year of publication	ISSN/ ISBN
1	Choline Chloride Induces Growth Performance of Indian Major Carps and Air-Breathing Fish Species with an Outcome of Quality Food-Fish under a Semi-Intensive Culture System: A Biochemical Investigation, 7[17], 14579-14590, 2022	American Chemical Society	2022	2470-1343
2	Evaluation of oxidative stress enzymes of spawn and fry of <i>Clarias batrachus</i> (Linn. 1758) exposed to artificial UV-B radiation: A biomarker analysis, 7[2], 308-323, 2021	International Journal of Zoological Investigations	2021	2454-3055
3	ECOLOGICAL RISK ASSESSMENT THROUGH METAL MOBILITY IN DAMSAL NALA, SUKINDA CHROMITE VALLEY OF INDIA, 40[3], 903-909, 2021	Pollution Research	2021	0257-8050
4	Human health risk assessment and histopathological alterations in <i>Puntius sophore</i> of Damsal Nala, Sukinda Chromite Valley, Odisha, India, 7[2], 394-404, 2021	International Journal of Zoological Investigations	2021	2454-3055
5	Assessment of the nutritional quality of fish cultured in Samdihi, an open cast coalpit at the Raniganj Coal Field areas, West Bengal, India, 1-10, 2021	Lakes & Reservoirs: Research & Management	2021	1440-1770
6	Study on impacts of direct supplementation of choline into semi-intensive fish culture system based on haematopoietic alterations, 9, 1-13, 2021	Environmental and Sustainability Indicators	2021	2665-9727
7	Direct choline administration in semi-intensive pisciculture system: A positive contaminant, 7, 22-34, 2020	Emerging Contaminants	2020	2405-6650
8	Supplementation of choline chloride directly in the pond water induced enhanced growth performance in Indian major carps and air-breathing fishes, 5[4], 34-41, 2020	International Journal of Fisheries and Aquatic Research	2020	2456-7248
9	Alterations in biochemical parameters of fish species under choline administration directly into the pond water in a semi-intensive fish farming system: A comparative study, 8[6], 8-15, 2020	International Journal of Fisheries and Aquatic Studies	2020	2347-5129
10	Time dependent ultrastructural alterations on the skin, eye, barbel and fins of the spawn of <i>Clarias batrachus</i> (Linn. 1758) exposed to UV-B radiation, 192, 110268, 2020	Ecotoxicology and Environmental Safety	2020	0147-6513
11	Dose specific responses of <i>Anabas testudineus</i> (Bloch) to anthracene (PAH): Haematological and biochemical manifestation, 5, 232-239, 2019	Emerging Contaminants	2019	2405-6650
12	Comparative Assay of Different Doses of Arsenic Trioxide ( $As_2O_3$ ) on <i>Channa punctatus</i> (Bloch) through Light and Scanning Electron Microscopic Observations, 3[10], 927-934, 2016	Journal of Basic and Applied Engineering Research	2016	2350-0255

**PAPERS PRESENTED AT SEMINARS, CONFERENCES, WORKSHOPS, ETC.: [Last 10 Year]**

Sl. No.	Title of Paper/ Lecture	Organizing Institute	Conference, Seminar, workshop etc	Role (Paper presenter/ invited talk/ chairperson)	International (Within Country)/ International (Abroad)/National
1	Assessment of Heavy Metal Concentration and Ecological Risk through Consumption of Fish from Damsal Nala, Jajpur, Odisha, (2022).	Dept. of Environmental Science, Khulna University, Khulna 9208, Bangladesh	Conference	Paper presenter	International (Abroad)
2	Assessment of Metal Mobility and Ecological Risk through Accumulation Study in fish Muscle from Damsal Nala, Sukinda Chromite Valley, Odisha, India, (2019)	Dept. of Environmental Science, The University of Burdwan, Burdwan, West Bengal	Conference	Paper Presenter	International (Within Country)
3	Impacts of Sukinda Chromite Mine-waste Drainage in soil and Bottom Sediments of Damsal Nala, Odisha, (2019).	International Society of Waste Management Air and Water	Conference	Paper Presenter	International (Within Country)
4	Monitoring of available metals from Sukinda Chromite Mining drainage and their accumulation in Soil, Bottom Sediment and in a wild plant ( <i>Posidonia</i> sp) and fish ( <i>Puntius</i> sp) at Damsal Nala, Odisha, (2018).	Dept. of Environmental Science, The University of Burdwan, Burdwan, West Bengal	Conference	Paper Presenter	International (Within Country)
5	Metal ions concentrations in Soil, Sediments and Biota of Damsal Nala in the Sukinda Chromite belt, Odisha: A study based on Contamination factor, Pollution index and Bioaccumulation factor (2017)	The University of Burdwan, Burdwan, West Bengal	Conference	Paper Presenter	International (Within Country)
6	Comparative Assay of Different Doses of Arsenic Trioxide ( $As_2O_3$ ) on <i>Channa punctatus</i> (Bloch) through Light and Scanning Electron Microscopic Observations (2016)	Dept. of Agricultural Extension, BCKV, Nadia, WB and Krishi Sanskriti, New Delhi	Conference	Paper Presenter	International (Within Country)

**PROGRAMMES COORDINATED/ ORGANISED AS CONVENER / ORGANISING SECRETARY AT NETAJI SUBHAS OPEN UNIVERSITY: [Last 5 Year]**

Sl. No.	Programme Name	Sponsored by	Period
1	Orientation Programme for Content Writers and Editors of P.G. Environmental Science (PGES) held on 19.10.2022	NSOU	One day
2	National Seminar on "Only One Earth: Our One Environment" held on 07.06.2022	Participation fees	One day

**Declaration:** I hereby declare that all the information given above is true and correct to the best of my knowledge.

*Signature*

Date: 24.11.2022