



RANCHI UNIVERSITY, RANCHI

FACULTY PROFILE

- **Name of the Faculty member:** Dr. NIVEDITA MOON MOON
- **Department:** University Department of Zoology
- **Designation:** Assistant Professor (Contractual)
- **Level of Guidance & Teaching:** Post Graduate teaching and research work
- **Qualification:** M.Sc., Ph.D.

Academic Qualifications:

<i>Examination</i>	<i>Board/ University</i>	<i>Subject</i>	<i>Year of passing</i>	<i>Division/ class</i>	<i>Percentage</i>
A.I.S.S.E.	CBSE	English, Hindi, Maths, Science, Social science	1996	Second	50.80
I.Sc.	BIEC	English, Hindi, Physics, Chemistry, Biology, Computer	1999	Second	55.50
B.Sc.	Ranchi University	English, Hindi, Zoology (Hons.), Chemistry, Botany	2002	Second	58.50
M.Sc.	Ranchi University	Zoology with specialization in Environmental Biology	2005	Second	57.20
Ph.D.	Ranchi University	Zoology	2012		Successfully completed PhD
D.Sc.	Ranchi University	Zoology			Pursuing

Career Profile

Teaching experience in years	Area of Specialisation: Environmental Biology	
	Teaching	Research
	8 years	14 years

Number of Research paper published in journals

S.No.	Title with page numbers	ISSN No.	Name of Journal	Date of Publication
1	Modeling the plankton diversity and dynamics in a polluted eutrophic lake at Ranchi. Issue (X) Vol (II), 05-15	2347 – 517X	I J R B A T	May 2022
2	Change in the fundamental niche of Mesocyclops species by the action of <i>Brachionus</i> species at Ranchi Lake. Vol. 17(1), 107-110	0973-7057	Biospectra	Mar 2022
3	The fundamental niche of <i>Mesocyclops</i> species within the broad aquatic environmental framework at Ranchi Lake. Vol. 16(2), 145-150	0973-7057	Biospectra	Sep 2021
4	Modelling system dynamics and phytoplankton diversity at Ranchi lake using the carbon and nutrient mass balance equations. Vol. 35, 577-588	0254 –8704 Impact factor = 0.684	Journal of Environmental Biology	May 2014
5	Plankton diversity and dynamics in a polluted eutrophic lake, Ranchi. 31(5), 827-839	0254 –8704 Impact factor = 0.684	Journal of Environmental Biology	Sep 2010
6	Nutrient cycling in a simulated pond ecosystem. Vol. 30(2), 313-318	0254 –8704 Impact factor = 0.684	Journal of Environmental Biology	Mar 2009
7	Modelling carbon and nutrient cycling in a simulated pond system at Ranchi. 213, 437-448	0304–3800 Impact factor=2.399	Ecological Modelling Elsevier	Mar 2008
8	The transfer rates of inorganic carbon and budgetary analysis in a simulated aquatic system. 204, 279-288	0304–3800 Impact factor = 2.399	Ecological Modelling Elsevier	Feb 2007

Number of seminars/webinar/ conferences/ workshop attended:

S.No.	Seminar/ webinar/ conferences/ workshop	Name of Institute	Date of participation	National/ international
1	International Conference on “Cancer Immunotherapy: Experimental Models and Approaches”.	JamshedpurCo-operative College, Jamshedpur (Kolhan University, Chaibasa)	2 nd April, 2022	International
2	International e-conference of Innovation in Science, Technology, Humanities, management and e-commerce for sustainable rural development.	AnandNiketan College of Science, Arts and Commerce, Anandwan-Warora, Dist. Chandrapur, Maharashtra-India	14 th – 15 th March, 2022	International
3	27 th International conference of International academy of Physical Sciences (CONIAPS XXVII) on “Recent advances in Earth Sciences”.	Institute of Earth and Environmental Sciences Dr.RammanoharLohia Avadh University, Ayodhya.	26 th – 28 th October, 2021	International
4	Nutritional Security in India: Issues and way forward	ICAR: Research complex for eastern region	4 th September, 2021	National
5	Restoration of Ecosystem Services: Challenges & Opportunities	Central University of Jharkhand, Brambe	5 th June, 2021	National
6	National Workshop on recent advances in Molecular Biology Techniques	Central Tasar Research & Training Institute, Ranchi	17 th March, 2018	National
7	7 th International Conference (GOSLANRUF)	METAS Adventist College, Ranchi	3 rd – 5 th December, 2017	International
8	103 rd Indian Science Congress	University of Mysore	3 rd – 7 th January, 2016	National
9	3 rd International Conference on Hydrology & Meteorology	OMICS, Hyderabad	15 th – 16 th September, 2014	International
10	National Workshop on Radiation	Central University of Jharkhand, Brambe	13 th – 15 th February, 2013	National
11	96 th Indian Science Congress	North Eastern Hill University, Shillong	3 rd – 7 th January, 2009	National
12	19 th All India Congress of Zoology, 2008	Guwahati University	29 th – 31 st December, 2008	National
13	International Conference on biodiversity Conservation and Management BIOCAM	CMFRI, Cochin	3 rd – 6 th February, 2008	International

Number of FDP/ FIP/ Refresher/ Orientation/ training attended:

S.No.	Name of programme	Period	Venue
1	Faculty Development Program On Research Methodology Course ” (virtual), 2022	19.04.2022 – 29.04.2022	Shankar Narayan College of Arts, Commerce and Self Finance Courses, Navghar, Mahavidyalaya Marg, Bhayandar – East, Dist- Thane in association with WRC-Indian Council of Social Science Research, Mumbai
2	A training programme on “Soil testing and analysis”, 2021	15.02.2021 – 20.02.2021	Central Tasar Research & Training Institute, PiskaNagri, Ranchi, Jharkhand
3	UGC Sponsored 74 th Orientation Programme, 2013	02.08.2013 – 29.08.2013	UGC- Academic Staff college, RUR

Award received:

1. Awarded gold medal for best oral presentation on the topic entitled **“modeling plankton diversity and dynamics in a polluted eutrophic lake at Ranchi”** from 7th International Conference on Global Scenario of Life Science, agriculture, Nursing & Medical Research for the welfare or rural & urban folk (GOSLANRUF – 2017) held at Ranchi from 03-05 December, 2017.