



VIDYASAGAR COLLEGE

39 SANKAR GHOSH LANE
KOLKATA

Name Dr. Indrani Sarkar

1	Name	DR INDRANI SARKAR		
2	Designa on	ASSISTANT PROFESSOR SATAGE III		
3	Mail ID	sarkarindrani.biswas@gmail.com		
4	Contact No	9831350835		
5	Date of Joining	16.11.2006		
Academic qualifica ons				
6	Degree	Subject	University	Year
	Ph.D	Chemical Engineering (Interdisciplinary)	Jadavpur University	2014
	M.Phil	NA		
	MA/M.sc	Zoology	University of Calcu a	2002
	BA/B.Sc	Zoology (H)	University of Calcu a	2000
PH.D. DETAILS				
7	Title of the Thesis	An inves ga on on spawning, development and rearing of local fresh water prawn of West Bengal in Laboratory Aquaria		
	Field of specializa on under subject/ discipline	Fishery		
8	PREVIOUS POSITIONS/Engagement	I acted as Head, Department of Zoology, from 01.07.2015 to 30.06.2021 and as Chairman of PGEC from 14.07.2017 to 2019.		
9	Google scholar page:	NA		
10	ORCID ID	0000/0001/6337/9335		
11	HONOURS AND AWARDS	NA		
12	CURRENT RESEARCH PROJECT/Field of Research	I have been pursuing my post-doctoral in my personal capacity.		
13	TECHNICAL UNDERSTANDING AND EXPERIENCE	For my teaching I use IT and other technical support.		
14	SUMMARY OF RESEARCH EXPERIENCE	Apart from my doctoral research I have completed two Minor research project funded by UGC on Breeding Biology of prawn		

15	EXPERIENCE OF PROJECT MANAGEMENT	I have successfully completed two MRP sponsored by UGC 1. An investigation on Spawning, development and rearing of Local fresh water prawns (<i>Macrobrachium lamarrei lamarrei</i>) and (<i>Macrobrachium dayanum</i>) UGC sanctioned no PSW-091/09/10 (ERO) 2. Toxic effect of pesticide on fresh water prawn (<i>Macrobrachium lamarrei lamarrei</i>) UGC sanctioned no PSW-082/14-15 (ERO)
16	COMPLETE LIST OF PUBLICATIONS (Maintain Harvard Format)	Publications in Journal 1. Indrani Sarkar (2009) Territorial Behavior in Air-Breathing Catfishes. <i>Inland Fish. India</i>, 41 (1): 47-50. 2. Indrani Sarkar (2012). Male mating tactics and mating activity in fresh water prawn <i>Macrobrachium dayanum</i> (Henderson, 1893) <i>Palaemonidae : Caridae</i>. <i>International Journal of Aquatic Science</i>. Vol 3 No 2, p. 56-70. 3. Indrani Sarkar (2013) Reproductive Behaviour and dwarf male mating strategies of <i>Macrobrachium lamarrei lamarrei</i> (H. Milne Edwards, 1837) <i>Decapoda, Palaemonidae</i> in laboratory Aquaria. <i>International Journal of Advanced Life Sciences</i>. Vol VI issue V. P 480-489. 4. Indrani Sarkar (2014) Growth Performance of <i>M. lamarrei lamarrei</i> in relation to dissolved Oxygen. <i>Life Science – A Heterogeneous unit of multidisciplinary understanding</i>.

		5. Indrani Sarkar (2015) Fecundity of Two Freshwater Prawn <i>Macrobrachium Lamarrei Lamarrei</i> and <i>M. Dayanum</i>. Journal of the Inland Fisheries Society of India Vol 47: No 1 p.69-73. 6. Indrani Sarkar (2015) Seasonal changes in Ovarian maturation of an Asian Cat fish, <i>Mystus vittatus</i> (Bloch, 1797) in Capacity. Biolife vol 3 Issue 3. Page 620- 628 . 7. Indrani Sarkar (2016) Chromosomal Analysis of two Fresh Water Prawns, <i>Macrobrachium lamarrei lamarrei</i> (h.milne edwards, 1837) and <i>Macrobrachium dayanum</i> (Henderson, 1893). Journal of the Inland Fisheries Society of India. Vol 48: No 1 June pp 8. Indrani Sarkar Community Structure of Benth Macroinvertebrate Fauna of River Ichamati, India. Journal of Threatened Taxa Building evidence Conservation global www. Threatenedtaxa.org. Vol: 10 No 8 Pages : 12044-12048 9. Indrani Sarkar (2022) A comparative Study of Male mating strategies of two fresh water prawns <i>Macrobrachim lamarrei lamarrei</i> (H. Milne Edward. 1837) and <i>Macorbrachium dayanum</i> ((Henderson ,1893). International Journal of Cultural Studies and Social Sciences. Vol –XVII No XX pp. 110-134. 10. Indrani Sarkar (2022) Larval Metamorphosis and Behaviour of <i>Macrobrachim lamarrei lamarrei</i> (H. Milne Edward. 1837. International Journal of Cultural Studies and Social Sciences Vol –XVI No XIX P108-127 11. Indrani Sarkar (2024) Observation on breeding behaviour of White breasted water hen (<i>Amauornis phoenicurus</i> Pennant, 1769) in the Wetlands of East Calcutta and Behela. Journal of Entomology and Zoology Studies. Vol 12: Issue 2 March- April 2024 P0106 12. Indrani Sarkar, Aranb Basu, Swadhin Kumar Tarafdar and Srijit Majumder (2024). Study of seasonal variation of hydrological parameters and floral and faunal diversity of Mohispota Beel, Panihati, Barrackpore, West Bengal. International Journal of Fauna and Biological Studies. Available online at www.faunnajournal.com 2024, 11 (6) pp. 39-46. 13. Indrani Sarkar, Tiyasa Dutta et all (2024). Comparative study of structural variations in gill rakers of different marine and freshwater herbivore and carnivore fishes.
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		Available online at www.entomoljournal.com 2024; 12(5): 118-124. Chapter in the Book 1. Indrani Sarkar (2024) A Study of morphology of fresh water Prawn Zoea larva Macrobrachium lamarrei lamarrei (m. Milne Edwards, 1837 in Recent Trends in Eds Debkanta Ghosh andf Sanjib Saha Enviornmental Science and Ecology . Kolkata Bhumi Publishing
		Mahastala, India P33-41
17	Extracurricular Activities	Currently I am serving Vidyasagar College as Bursar since 10.05.2023
18	Link to personal website (if any)	NA

