

## TEACHER'S PROFILE

<b>NAME OF THE FACULTY*</b>	RUPSHA KARMAKAR
<b>DESIGNATION*</b>	SACT-I
<b>NAME OF THE DEPARTMENT*</b>	DEPARTMENT OF ZOOLOGY
<b>ADDRESS</b>	71/8, DIAMOND HARBOUR ROAD, BARISHA BORO BARI, KOLKATA-700008
<b>E-MAIL ID*</b>	Rupsha.karmakar94@gmail.com
<b>CONTACT NO.</b>	8910362087/8017463314
<b>EDUCATIONAL QUALIFICATION*</b>	M. Sc; CSIR-NET Qualified
<b>SPECIALIZATION*</b>	ZOOLOGY (ENDOCRINOLOGY)
<b>TOTAL TEACHING EXPERIENCE (IN YEARS) *</b>	4 YEARS
<b>COURSES TAUGHT*</b>	CC2; CC1/GE1 CC4; CC2/GE2 CC7; CC6; CC3/GE3 CC9; CC4/GE4 DSE(B)-5-2; ZOOG-DSE-A-5-2 DSE(A)-6-2; ZOOG-DSE-B-6-2
<b>RESEARCH EXPERIENCE (IN YEARS) *</b>	4 YEARS
<b>MINOR RESEARCH PROJECT*</b>	NILL
<b>PARTICIPATION IN CONFERENCES, SYMPOSIAS AND WORKSHOPS*</b>	<ol style="list-style-type: none"> <li>1. National Seminar on "RESEARCH INNOVATIONS IN AQUATIC GENOMICS AND BIOTECHNOLOGY- AN INDIAN PERSPECTIVE" on February, 2016.</li> <li>2. "INTERNATIONAL SYMPOSIUM ON FRONTIERS IN TRANSLATIONAL &amp; REGENERATIVE BIOLOGY" organized by Immunology &amp; Regenerative Medicine Research Unit, Department of Zoology, University of Calcutta on 4<sup>th</sup> March, 2016.</li> <li>3. Practical Workshop on "FLOW CYTOMETRY" arranged by The Zoological Society, Kolkata in collaboration with University of Calcutta and Cytometry Solution Private Limited, March, 2016.</li> <li>4. "WORKSHOP ON GROWTH CURVE MODLES IN POPULATION DYNAMICS USING R FOR BIOLOGISTS" held in the Agricultural &amp; Ecological Research Unit, Indian Statistical Institute, Kolkata on 12<sup>th</sup> and 13<sup>th</sup> February, 2019.</li> <li>5. 8<sup>th</sup> International Conference on Allergy, Asthma and Immunology "ALLERCON 2019" organized by Allergy &amp; Asthma</li> </ol>

Research Centre in collaboration with University of Calcutta on 2<sup>nd</sup> and 3<sup>rd</sup> March, 2019.

6. YOUNG INVESTIGATOR'S COLLOQUIUM - 2019, held at Department of Zoology, University of Calcutta on 9<sup>th</sup> March, 2019.
7. Webinar on "LOCUSTS AND THEIR MANAGEMENT" organized by Department of Zoology, S.T. Hindu College on 20<sup>th</sup> June, 2020.
8. National webinar entitled "COVID-19 PANDEMIC: CHALLENGES AND REORIENTATION OF TEACHING LEARNING AND EVALUATION PROCEDURE IN HIGHER EDUCATION" organized by Vivekananda college for Women on 25<sup>th</sup> June, 2020.
9. International webinar on "COVID-19: THE DISEASE, PREVENTION AND CONTROL" organized by Government General Degree College, Singur on 2<sup>nd</sup> July, 2020.
10. Webinar on "GC-MS/MS: TECHNIQUE AND ITS APPLICATIONS" organized by IISM, SRM Institute of Science and Technology on 8<sup>th</sup> July, 2020.
11. Twoday international webinar on "COVID-19- VIRAL PATHOGENECITY EPIDEMIOLOGY AND THERAPEUTIC APPROACH" organized by Derozio Memorial College on 8<sup>th</sup> and 9<sup>th</sup> August, 2020.
12. One Day International Webinar entitled "MAJOR CONCERNS AND CHALLENGES FACED IN GROUNDWATER ARSENIC PROBLEM: A WAY TOWARDS SUSTAINABLE SOLUTIONS" organised by the Department of Zoology and IQAC of Vivekananda College for Women on 29<sup>th</sup> August, 2020
13. Webinar and panel Discussion on "Beyond the Pandemic-Emerging Opportunities for Skill Development and Employability" Organised by Barasat Government College & Barasat Government College Alumni Association on 6<sup>th</sup> September, 2020.
14. John & Sons Research Webinar: 'Navigating Journal Peer Review: A Guide for Authors and Reviewers' organised by John & Sons Research Webinar on 12<sup>th</sup> November, 2020.
15. Faculty Development Programme (Virtual) on 'Research and Publication Ethics" organized by Loyola Institute of Business Administration (LIBA) on 13<sup>th</sup> February, 2021
16. BIOCREST 2021 organised by School of Biotechnology at Amrita Vishwa Vidyapeetham, CHARM at University of California San Diego, Bugworks Inc. and C-CAMP on 24<sup>th</sup>-26<sup>th</sup> February, 2021
17. A hands-on training workshop on "Peek into Biodiversity and Beyond: A hands-on training workshop on NGS" organized by Indian Institute of Science Education and research, Kolkata from 4<sup>th</sup> March to 6<sup>th</sup> March, 2022 held at IISER Kolkata.
18. Poster Presentation at One-day international seminar on "Recent Trends in Microbiology" organized by Department of Microbiology, Vijaygarh Jyotish Ray College in collaboration with Microbiologists Society of India on 18<sup>th</sup> May, 2022.

<b>REFRESHER &amp; ORIENTATION COURSES ATTENDED*</b>	NIL
<b>PUBLICATION*</b>	<ol style="list-style-type: none"> <li>1. Parveen, S., Karmakar, R., Paul, P., Banerjee, S., Burman, H., &amp; Aditya, G. (2019). Shell morphometry and fecundity of the exotic snail <i>planorbarius corneus</i> (Linnaeus, 1758) (Gastropoda: Planorbidae) in Kolkata, India. <i>Uttar Pradesh Journal of Zoology</i>, 40(4), 236-244. Retrieved from <a href="https://www.mbimph.com/index.php/UPJOZ/article/view/1467">https://www.mbimph.com/index.php/UPJOZ/article/view/1467</a></li> <li>2. Paul, P., Karmakar, R., &amp; Aditya, G. (2020). Choosing exotic over the familiar taste: habitat-specific preferences of a malacophagous leech for freshwater snails as prey. <i>European Journal of Ecology</i>, 6, 121-136. <a href="https://doi.org/10.17161/eurojcol.v6i1.13693">10.17161/eurojcol.v6i1.13693</a>.</li> <li>3. Paul, P., Paul, K., Karmakar, R., Shee, A., Kumar, D., &amp; Aditya, G. (2021). The exotic gastropod <i>Cleahelena</i> (von dem Busch, 1847) as a predator of freshwater gastropods: a threat to native biota in India?. <i>Limnological Review</i>, 21(1) 55-62. <a href="https://doi.org/10.2478/limre-2021-0005">https://doi.org/10.2478/limre-2021-0005</a></li> <li>4. Paul, P., Karmakar, R., Chatterjee, S., Barua, A., Banerjee, S., &amp; Aditya, G. (2021). Predation of <i>Glossiphonia weberi</i> (Blanchard, 1897) on the invasive snail <i>Physella acuta</i> (Draparnaud, 1805) in the presence of an alternative prey. <i>Limnological Review</i>, 21(4) 201-208. <a href="https://doi.org/10.2478/limre-2021-0019">https://doi.org/10.2478/limre-2021-0019</a></li> <li>5. Singh, M., Karmakar R., Ganguli S., Ghosh, MM. (2021). Report of Antibiotic Resistance in Urban and Rural Wastewaters from West Bengal, India. <i>Journal of Pharmaceutical Research International</i>, 33(53A):274-285. DOI: <a href="https://doi.org/10.9734/jpri/2021/v33i53A33660">10.9734/jpri/2021/v33i53A33660</a></li> <li>6. Ganguli, S, Karmakar, R, Singh, M; &amp; Ghosh, MM. Metagenomics-Guided Assessment of Water Quality and Predicting Pathogenic Load. <i>Handbook of Research on Monitoring and Evaluating the Ecological Health of Wetlands</i>; ISBN 9781799894988 (hardcover)   ISBN 9781799895008 (ebook) 2022; Chapter 5: 71- 91.</li> <li>7. Basu, S, Karmakar, R, Gupta, S; &amp; Ganguli, S. Developing your "Resilience Bank account"- Are you ready for the next Pandemic?. <i>Covid- 19 and Year 2020. Volume 1</i>. Eds: Dr. Smritiratan Tripathy. 2021; 54-65.</li> <li>8. <b>Karmakar, R., Paul, P., De, S., Mondal, D. &amp; Aditya, G. (2022).</b> Temperature-dependent interaction between an invasive and a native freshwater gastropod: a competitive edge for the</li> </ol>

	<p>invader?. Biological Letters,0(0) -  <a href="https://doi.org/10.2478/biolet-2021-0002">. https://doi.org/10.2478/biolet-2021-0002</a></p> <p>9. Karmakar, R., Paul, P.,&amp; Aditya, G. (2022). Predation and prey preference of the exotic snail Anentome helena on two freshwater snails: implications for species invasion. Journal of Environmental Biology. 43. 293-298. 10.22438/jeb/43/2/MRN-2048.</p>
<p><b>OUT REACH PROGRAMME*</b></p>	<p>NILL</p>

