

Selected abstracts of the 5th Regional Science and Technology Congress - 2022 to be held on 11th and 12th January 2023 at University of Gour Banga, Malda, W.B.

Presenting author's name	Address/Affiliation of presenting author with email ID	Title of the abstract
GOUTAM MAHATA	Pulses and Oilseeds Research Station, Department of Agriculture, Government of West Bengal, Berhampore, Murshidabad, 742101. Email ID: mahata.research@gmail.com	Screening of Urdbean Germplasm for High Seed Yield coupled with Resistance to YMD and ULCD at Field Condition
SOMDIP MAJUMDAR	Department of Sericulture, Krishnath College, Berhampore, West Bengal, India	Endorsing bio-nutrients enriched waste silk reeling water as periodical irrigation water source and added health food for plants in different agriculture fields and mulberry garden
EUREKA MONDAL	Department of Zoology, Raiganj University, Raiganj, Uttar Dinajpur, W.B., India. Email ID: eurekaugb@gmail.com	Efficacy of Botanical Insecticides Against Rice Yellow Stem borer, <i>Scirpophaga incertulas</i> Walker Under Field Conditions
RIYA SAHA	Immunopharmacology and Molecular Cell Biology Laboratory, Department of Zoology, University of Gour Banga, Malda-732103, West Bengal, India. Email ID: riya65535@gmail.com	Effect of Physico-Chemical Quality of Water on Cholinesterases and Haematological Parameters of <i>Cirrhinus reba</i> (Hamilton, 1822) Collected from Some Selected Areas of River Mahananda, Malda
MAYUKH HORE	Immunopharmacology & Molecular Cell Biology Laboratory, Department of Zoology, University of Gour Banga, Malda - 732103, West Bengal, India. E-mail ID: mayukh.blgt@gmail.com	Influence of Environmental contamination on the oxidative stress biomarkers of <i>Cirrhinus reba</i> collected in the pre-monsoon season from the River Mahananda, Malda, West Bengal
SOURAV CHATTARAJ	Department of Microbiology, Raiganj University, Raiganj, Uttar Dinajpur, West Bengal, PIN - 733134, India. Email ID: bobom9476473435@gmail.com, (Mob)91-8250579360	Substitution of fish meal by <i>Oedogonium</i> sp. in the diet of herbivorous fish <i>Cirrhinus reba</i> for higher growth and sustainable cultivation
SANCHITA BHASKAR	Immunopharmacology and Molecular Cell Biology Laboratory, Department of Zoology, University of Gour Banga, Malda-732103, West Bengal, India; Email ID:	Impact of the Water Quality Deterioration on Redox Modulation and Cholinesterase Regulation in <i>Puntius Sarana</i> (Hamilton, 1822) Collected from River Mahananda, Malda
DR. GOUTAM SARKAR	Department of Geography, Dr. Meghnad Saha College, Itahar, Uttar Dinajpur, W.B. Email: goutamcns@gmail.com	Assessment of Topsoil Fertility Condition Using Parker's Nutrient Index in Uttar Dinajpur District, West Bengal

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BISWAJIT GHOSH	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of Gour Banga, Malda, India. Email: biswajit.ghosh.e.malda@gmail.com	Metagenomic next generation sequencing in the assessment of bacterial diversity in the rhizospheres of eggplant (<i>Solanum melongena</i>) from Malda, West Bengal (India)
Sk NURI	Department of Sericulture, Raiganj University, Raiganj, Uttar Dinajpur, 733134, West Bengal, India. Email: debn4u@gmail.com	Antioxidant properties of silk sericin and its potential application in pharmaceutical, food and cosmetic industry: an overview
PRATIMA KARMAKAR	Laboratory of Parasitology, Vector biology & control and Nanotechnology, Department of Zoology, University of Gour Banga. Email: pratimakarmakar249@gmail.com	Efficacy of peel extract of <i>Citrus climentina</i> and leaf extract of <i>Dieffenbachia seguine</i> in the control of <i>Culex quiquefasciatus</i> Say
DEBRISHI MODAK	Department of Zoology, Raiganj University, Raiganj, Uttar Dinajpur, West Bengal, India. Email: zoooorishi@gmail.com	Perforated Box Trap: A Promising Tool for Monitoring and Management of Live Wood Eating Termite in Tea Plantation
RUPJYOTI DAS	Department of Zoology, Raiganj University, Uttar Dinajpur, West Bengal 733134. Email: rupjyotid3@gmail.com	Regional variation in relative susceptibility of tea mosquito bug, <i>Helopeltis theivora</i> (Walker) (Hemiptera: Miridae) to commonly used insecticides in tea growing areas of North Bengal, India