

**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 with Phone number and email ID of presenting author	Title of abstract
Suchhanda Nandi	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of Gour Banga, Malda, India. Email: nandisuchhanda@gmail.com	Bacterial diversity and richness exploration by next generation metagenomics of sweet curd samples and culture-based analysis for lactobacilli probiotics
TIRTHANKAR BASU	PhD Research Scholar, Department of Geography, University of Gour Banga – 732103. Email: basu.tirthankar89@gmail.com	Socio-cultural Valuation of People's Perception of Ecosystem Services and Human Well-being to Promote Sustainable Urban Development
Sandipta Debanshi	Research scholar, Department of Geography, University of Gour Banga, India. Mob- 8617420192, Email- debanshi.sandipta93@gmail.com	Wetland greenhouse gas regulation: Nature based solution for a global crisis
JAGABANDHU ROY	Ph.D Research Scholar, Department of Geography, University of Gour Banga, Malda, 732103, West Bengal, India, Email: jagabandhuroy1991@gmail.com	Assessment of gully erosion susceptibility mapping using deep learning neural network (DLNN) approaches in the Hinglo river basin, Eastern India
SATYAJIT PAUL	Ph.D. Research Scholar, Department of Geography, University of Gour Banga, India.	Machine Learning and Deep Learning Based Wetland Habitat Health Assessment: A Study on Moribund Deltaic India
SAUMENDRA NATH DAS	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of Gour Banga, Malda, India. Email: dassaumendranath@gmail.com	Plasmid-mediated Antibiotic and Heavy Metal co-resistances Among Potential Pathogenic Bacteria Isolated from Mahananda River Water, Malda (West Bengal, India)
Reshmina Parvina	PG Student, Department of Geography, University of Gour Banga. Email: reshmisardar650@gmail.com	Subjective Well-being and Ecosystem Services along English Bazar Municipality and its Surroundings
Soma Pramanik	PG Student, University of Gour Banga. Email: Somapramanik3009@gmail.com	Perception Based Ecosystem services evolution with different stakeholder in English Bazar Agglomeration and Surroundings
DEBRAJ BARMAN	M. Sc, Department of Geography, University of Gour Banga. Email: debrajbarman440@gmail.com	Groundwater quality assessment using Principal Component Analysis and Fuzzy logic in West Bengal, India
ROCKET MANDAL	PG Student, 3rd Semester, University of Gour Banga. Email: rocket.mandal123@gmail.com	The Impact of Chatra Wetland's Ecosystem Services in English Bazar Municipality
Rittika Karmakar	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of Gour Banga, Malda, India. email: rittikakarmakar9@gmail.com	Antibiotic resistance of potential pathogenic bacteria isolated from currency notes and computer keyboards in Malda, West Bengal (India)

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SUSMITA GHOSH	Research scholar, Department of Geography, University of Gour Banga, India. Email- susmitageo82@gmail.com	Urban-wetland Conflict and its Diminishing Effects on Ecosystem Services
SUBHAM MUSTAFI	M.Phil. Research Scholar, Department of Geography & Applied Geography, University of North Bengal, West Bengal, India, Email: subhammustafi95@gmail.com	Spatio-Temporal Assessment of Urban Green Space in Kolkata Municipal Corporation: A Geo-Environmental Study
Sudipta Bhattacharjee	Faculty, Dept. of ENVS, Rabindra Bharati University & Director, Saviours And Friend of Environment (SAFE). Email: safe.sudipta@gmail.com	Mitigation of Air Pollution at Home by Using of Specific Plants-a Reflection of Air Quality Monitoring
Rupa Saha	Department of Zoology, Laboratory of Parasitology, Vector biology & control and Nanotechnology, University of Gour banga Email of presenting author: amisaharupa88@gmail.com	Evaluation of mosquito larvicidal, pupicidal, adulticidal and phytochemical analysis of fruit extract of Mimusops elengi and Ricinus communis against filarial vector Culex quinquefasciatus Say (Diptera: Culicidae)
ARGHADEEP BOSE	Research scholar, Department of Geography and Applied Geography, University of North Bengal, 734013, Siliguri, West Bengal, India. Email: deeparghageo@nbu.ac.in	Finding the Association Between Meteorological Parameters and Air Pollutants Concentration in Rapidly Expanding Siliguri city: A Statistical Modeling-based Approach
SUJIT DAS	Ph.D. Research Scholar, Laboratory of Applied Stress Biology, Department of Botany, University of Gour Banga, Malda – 732 103, West Bengal, India (email: sujitdasmaldah@gmail.com; contact no-09874831922)	AIR POLLUTION TOLERANCE INDEX (APTI) IN SELECTED TREE PLANT SPECIES ALONG MAJOR HIGHWAYS WITHIN MALDA DISTRICT, WEST BENGAL
NEHA MANDAL	Department of Environmental Science, Berhampore Girls' College, Murshidabad. e-mail – mandalneha2002@gmail.com	AHIRAN BEEL: A THREATENED WETLAND OF MURSHIDABAD DISTRICT – A CASE STUDY
Amrita Samanta	Department of Microbiology, Raiganj university, Raiganj, India. E-mail: marita.pbc2016@gmail.com	Different raw starch utilized for cold tolerant amylase production by solid state fermentation.
Madhumita Sarkar	Research Scholar, Department of Geography, Raiganj University. Email:madhumitablgt@gmail.com	Household Microenvironment and its Impact on Infectious Diseases among migrant living in urban area: Evidence from National Sample Survey 2018