

**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.**

<b>Presenting author's name</b>	<b>Address/Affiliation with phone number and email ID of presenting author</b>	<b>Title of abstract</b>
Golak Majumdar	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of Gour Banga, Malda, India. Email: majumdargolak@gmail.com	Exploring the inhibitory capacity of Persicaria hydropiper phytochemicals against bacterial target proteins by molecular docking and dynamics and in vitro anti-bacterial activities
Jayeeta Khanra	Department of Zoology, Laboratory of Parasitology, Vector biology & control and Nanotechnology, University of Gour banga. jayeeta2k@gmail.com	Therapeutic uses of green synthesized metal nanoparticles in medical sciences
Sabbir Mondal	Department of Geography University of Gour Banga sabbirmondal143@gmail.com	Socio-Demographic Factors Influencing Institutional Delivery among Muslim Women of Maldah District, West Bengal, India
Dr. Sheela Datta Ghatak	Zoology Dept., P.D.W.C., Jalpaiguri, W.B. E-mail: sheelarundg@gmail.com	Micro-pathogenic organisms : Serious threat to slum-dwellers life
Joyshree Mandal	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of Gour Banga. joyshree2018mandal@gmail.com	Bacterial contaminants of face masks during COVID-19 pandemic in Malda, West Bengal (India): A preliminary study
Ripan Chandra Das	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of GourBanga, rcdpdm@gmail.com	In vitro antibacterial activity of plumbaginisolated from Plumbago zeylanicaand in silico analysis of its inhibitory property against target proteins from pathogenic bacteria.
Tarique Nazira Banu	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of Gour Banga. tarique.nazira24@gmail.com	Detection of $\beta$ - lactamases among ESKAPE bacteria and antibacterial activity of Punica granatum fruit peel extracts against multi drug resistant pathogenic bacteria
Debashis Halder	Laboratory of Microbiology and Experimental Medicine, Department of Zoology, University of Gour Banga. debashishalder1991@gmail.com	16S rRNA gene sequencing of bacteriocinogenic probiotic lactobacilli of diverse origin with broad antibacterial spectrum

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Sananda Dey	Department of Physiology, University of Gour Banga, Malda 732103, India. Email: deysemscrl@gmail.com	Self-assembled drug delivery system potentiates the anti-cancer effect of Parthenolide in MCF-7 breast cancer cells
Deepyaman Das	Department of Microbiology, Raiganj University, Raiganj, Uttar Dinajpur, West Bengal, India. Email: deepyaman.das@gmail.com	Decoding the role of SARS-CoV-2 infection in aggravating neurological manifestations by hampering cell specific lncRNA-mRNA reciprocity in human brain cell types
Subham Das	Virus Research & Diagnostics Laboratory, Department of Microbiology, Malda Medical college. Email: subhamdas.india@gamil.com	Scenario of Dengue Virus Infection cases in Malda district & surroundings from January 2021 to October 2022
Anzum Nuzhad	Department of Microbiology, Raiganj University. Email:anzum.nuzhad@gmail.com	Aerobic vaginitis- A less understood vaginitis and its related adverse pregnancy outcomes
Nazneen Parveen	Medical Biotechnology, The West Bengal University of Health Sciences. Email: parveenpiu.03@gmail.com	The study of diagnostic test for quantitative analysis of BCR-ABL 1 for disease monitoring response in chronic myeloid leukemia