

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.

Sl. No. of abstract	Discipline	Presenting author's name	Address/Affiliation of presenting author with email ID	Title of the abstract
1	Scientific Model	Moupriya Kundu, Mandira Roy, Nandini Chaki, Suvra Saha, Ankita Sarkar, Debapriya Basak, Subhajit Chakraborty	Department of Environment Science, Berhampore Girls' College, Murshidabad; Email: moupriyakundu142@gmail.com	Plastic-Recyclopes: A model on plastic waste management
2	Scientific Model	Somdip Majumdar, 2Salil Raha and students of Post Graduate Department of Sericulture	1Department of Sericulture, Krishnath College, Berhampore; 2Department of Sericulture, Murshidabad University, Berhampore	Eri-World and its Messages (Showcasing Ericulture as an Economy Booster for Individual and Rich Food Supplier to Common People which is a perfect tool for socio-economic development in West Bengal).
3	Scientific Model	Supriyan Sen ¹ , Laxminarayan Sahoo ^{2*} , Kalishankar Tiwary	2Department of Computer and Information Science, Raiganj University, Raiganj-733134, India 3Department of Mathematics, Raiganj University, Raiganj-733134, India *Corresponding Author: lxsahoo@gmail.com	Energy efficient cluster head selection in Wireless Sensor Network using multi-criteria decision making technique
4	Scientific Model	Bhaswati Majhi,	B.Sc Honours 3rd Semester Malda College, Malda	Carbon Cycle
5	Scientific Model	1Mrinmoyie Seth*, 1Arpita Bhattacharyya*, 1Sidratul Muntaha, 1Monisha Mondal and 1Subhajit Chakraborty	Department of Environmental Science, Berhampore Girls' College, Murshidabad e-mail – iseth834@gmail.com	WASTE TO WEALTH: FOOD WASTE TO BIO-ENERGY CONVERTER
6	Scientific Model	1Sayantan Mitra* and 1Ankur Sensharma	Department of Physics, University of Gour Banga, Malda - 732101, West-Bengal, India * sayantanphy.mitra@gmail.com	Percolation in a Random Geometric Graph : Continuum Percolation

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7	Scientific Model	Jiban Kumar Behera ^{1*} , Manojit Bhattacharya ¹ , and Bhaskar Beher	1Department of Zoology, Fakir Mohan University, Vyasa Vihar, Balasore-756089, Odisha, India 2Department of Biosciences and Biotechnology, Fakir Mohan University, Vyasa Vihar, Balasore-756089, Odisha, India Email: beherajibankumar.jb@gmail.com	Regulatory involvement and molecular interaction of miRNAs in Wnt signaling pathway associated with cardiovascular disorders
8	Scientific Model	Nivedita Kumari Mishra	B.Sc Honours 3rd Semester Malda College, Malda	Advantages of Bio-fuels