

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 |
|---------------------------------|--|---|
| Chhapikul Miah | University of Gour Banga; e-mail: chhapikul.77@gmail.com | New type of sets in the field of ideal topological spaces |
| Kulchhum Khatun | University of Gour Banga; e-mail: kulchhumkhatun123@gmail.com | Characterizations of maximal ideal and local functions |
| Md. Monirul Islam | Kaliachak College, Sultanganj, Malda; e-mail: moni.math007@gmail.com | A study on connected GTS via hereditary classes |
| Supriyan Sen | Raiganj University, Raiganj; e-mail: lxasahoo@gmail.com | Energy efficient cluster head selection in Wireless Sensor Network using multi-criteria decision making technique |
| Monoj Kumar Das | University of Gour Banga; e-mail: dmonojkr1@gmail.com | A new topology from old via Ψ - operator |
| Rajat Adhikari | University of Gour Banga; e-mail: rajatadhikari34@gmail.com | Entropy generated magneto-bioconvection of a chemically sensitive non-Newtonian nanofluid sustaining gyrotactic microorganisms over a slanting cylindrical lubricious surface |
| Subhendu Das | University of Gour Banga; e-mail: subhendu99blg@gmail.com | Electro-osmotic swirling flow in a squeezing channel under an intense magnetic force |
| Poly Karmakar | University of Gour Banga; e-mail: polymld2015@gmail.com | Circulation of blood loaded with trihybrid nanoparticles via electro-osmotic pumping in an eccentric endoscopic arterial canal |
| Puja Paul | University of Gour Banga; e-mail: paulpuja.3112@gmail.com | Electro-hemodynamical transport of Phan-Thien-Tanner (PTT) blood loaded with bi-hybridized nanoparticles via an inclined non-uniform arterial tract |
| Kishore Choudhury | University of Gour Banga; e-mail: choudhurykishore51@gmail.com | Analytic expressions for electrophoretic mobility of soft cylindrical particles in a concentrated suspension |
| Anup Kumar Karak | Berhampore Girls' College; e-mail: karakanup99@gmail.com | MACBETH Strategy under Single valued Neutrosophic Set Environment |
| Ruma Bagchi | Berhampore Girls' College; e-mail: rumabagchi33@gmail.com | Effect of Axial Viscosity Variation on Various Parameters of Blood Flow in an Overlapping Stenosed Artery using Herschel-Bulkley Fluid |