

6th Regional Science & Technology Congress 2023-24

Region 1: Darjeeling, Kalimpong, Alipurduar, Jalpaiguri & Coochbehar

15th & 16th January, 2024

Venue: Ananda Chandra College, Jalpaiguri

61903649	SOUMYA SARKAR	Physical Sciences	Investigation of correlation among baryon and charge stopping in Heavy Ion interactions at high baryon density
82508209	PRATIK DEBNATH	Physical Sciences	FABRICATION OF HIGHLY EFFICIENT CsPbI ₃ PEROVSKITE SOLAR CELLS BY INTRODUCING TETRABUTYLAMMONIUM IODIDE (TBAI) AS AN ADDITIVE
94575611	MOHAMMED TOBREJ	Physical Sciences	Revisiting the X-ray characteristics of Vela X-1 using NuSTAR observations
62860455	DIPANKAR DAS	Thematic Topic: Science and Technology for Disaster Management	Reasonableness investigation for city landfill site determination utilizing Fuzzy-AHP techniques and geospatial strategy, Cooch Behar municipality, Cooch Behar, West Bengal
29581934	SUMAN MODAK	Mathematical Sciences, IT and its applications and Statistics	Medical image analysis using CNN for detection of pneumonia X-ray
52400851	RAJU SEN	Mathematical Sciences, IT and its applications and Statistics	Instability in Jeffery Fluid Flow through Porous Medium on account of Heat Source and Soret Effect
22527386	SAGAR SARKAR	Zoology	In Vivo and In Silico Assessment of Methanolic Extract of Costus pictus D. Don Leaves in Alleviating Renal Complications in Hyperglycaemic Mice
95126834	PREETI SUBBA	Zoology	Isolation and Characterization of Flubendiamide Tolerant Bacteria from the Gut of Buzura suppressaria Guenee (Lepidoptera: Geometridae), a Major Pest of Tea Plantation in Northeastern Region of India

Shri Sonam Yogel Bhutia
Nodal Officer of the DSTBT, GoWB
& Joint Organising Secretary

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24150104	ROOPSA DATTA	Zoology	Investigation and evaluation anti-arthritis activity of <i>Drynaria quercifolia</i> ethyl acetate and hexane rhizome extracts in vivo: a comparative study.
51419712	KEYA MODAK	Botany	Study of mutual interaction between plants and plant visitors with special reference to members of Oleaceae Hoffmanns. & Link
42606695	MD SALMAN HAYDAR	Botany	Synthesis and characterization of multi-micronutrient loaded slow-release nanofertilizers: Evaluating their physico-chemical properties, nutrient release kinetics, and impact on mulberry growth enhance
96098335	PANISHA ROKA	Botany	Isolation and identification of <i>Alternaria</i> sp. infecting capsicum (bell pepper) in Darjeeling
50603559	DR. SNEHASIS BHAKTA	Biotechnology	Molecularly Imprinted Nanoparticles for the Detection of Viruses and Bacteria: A Focus on COVID-19, <i>Pseudomonas aeruginosa</i> , and <i>Staphylococcus aureus</i> via Surface Imprinting
82402419	DURBA BHATTACHARYYA	Biotechnology	Characterization of xylanase from <i>Serratia</i> sp. xpm41 and its application in stain removal from cloth
44451988	SRIRADHA GANGULI	Biotechnology	Genomic and transcriptomic insights into fluoroquinolone degrading bacteria
16756234	SAYANTAN GANGULY	Earth Sciences including Geoinformatics and Hydrogeology	Designing a High Performance Reconfigurable Multi Level DWT Filter for Micro-Seismic Signal Detection
79867574	DR. BAPPA SARKAR	Earth Sciences including Geoinformatics and Hydrogeology	Evaluating Water Quality and Public Perception in Koch Bihar Municipality, West Bengal, India

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49174504	KUNAL CHAKRABORTY	Earth Sciences including Geoinformatics and Hydrogeology	Flood Frequency Analysis of the River Ganga and Mahananda using Hydrological Model in Diara Region of West Bengal
27729262	MS. TWINKLE KUMARI BHAGAT	Agricultural Sciences including Veterinary Science	Utilisation of Induced Mutagenesis for Improvement of Wheat
23356949	SRINJOY GHOSH	Agricultural Sciences including Veterinary Science	Effect of different biological and chemical agents for eradicating the viral load of local small-size potato genotypes from the northern part of West Bengal
74221761	DEBARSHI GHOSH	Environmental Sciences including Climate Change	Predicting the deforestation probability using the binary logistic regression, random forest, Gradient Boosted Regression and MLP models: A case study of North-East India
64492881	SANJOY BARMAN	Environmental Sciences including Climate Change	Integrated Influencing Mechanism of Potential Drivers on Seasonal Variability of Land Surface Temperature in Siliguri Municipal Corporation, India
97106989	SUKANYA ACHARYYA	Environmental Sciences including Climate Change	Mercury Cold Trapping in Darjeeling Hills through the Lens of Tolerant Bacteria
96434931	DR. SUJOY RANA	Chemical Sciences	Electro- And Photo-catalytic Hydrogen Evolution From Sea-water Using 3d-Transition Metal Catalysts: An Approach Towards Green Hydrogen Production
53951994	SOUMEN KUILA	Chemical Sciences	Supramolecular Helicity Modulation of Short-Peptide Based Achiral Systems Through Chiral Induction

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52813096	NILANJAN ROY	Chemical Sciences	Adsorptive Elimination of Safranin-O and Merbromin from Waste Water Using a Metal Organic Framework
68709127	AMLAN JYOTI GHOSH	Physiology and Medical Sciences including Forensic Sciences	Lactobacillus brevis Strain SAD from Traditional Fermented Food Mitigates Metabolic Syndromes: A Comprehensive Study
95537388	REJUAN ISLAM	Physiology and Medical Sciences including Forensic Sciences	Exploring the Therapeutic Potential of Abutilon indicum (L.) Sweet Seed Extract in Polycystic Ovarian Syndrome An Integrated In Vivo and In Silico Study
62661183	SWARUP DAS	Physiology and Medical Sciences including Forensic Sciences	Exploring the dynamic landscape of retrogenes in pathogenic Plasmodium spp using computational tools
31363705	JOYDEEP DUTTA	Engineering and Technology including Emerging Tech	G-OVRP: Solving Green Open Vehicle Routing Problem using ML-based Discrete Bacterial Foraging Optimizatio
14265485	SOUMIL BANIK	Engineering and Technology including Emerging Tech	Experimental investigation on high speed swine bone drilling for thermal necrosis avoidance
38863524	MAITREYEE BISWAS	Engineering and Technology including Emerging Tech	A journey from conventional MOSFET to TFET in 2D material & their comparative study

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