

ENGINEERING & TECHNOLOGY INCLUDING EMERGING TECHNOLOGIES			
ID	Principal Author	Name of all co-authors	Title of the Paper :
27630077	Kamalika Bhattacharjya	Kamalika Bhattacharjya, Debashis De	FL-IoUT: Federated Learning-based Coral Image Classification in the Internet of Underwater Things
12130138	Subhajit Pal	Kunal Chowdhury	Solar-Thermal Induced Vacuum Pump Technology with Peristaltic Pump for Proper Pressure Building to Maintain Higher Water Level Automatically in Sunny Days
92632797	SUDIPTA GHOSH	Dr. Monalisa Char	Lead free Electronics: A Step towards Sustainable Future
30904288	Devaditya Roy		Crafting Bedtime Magic with AI-Powered Storytelling
36434540	Dr Tanmay Biswas	Tarun Sarkar, Bhaskar Rakshit, Gourab Mitra	IoT and Secure Cloud Based Agriculture Monitoring System Using CNN
66580112	Payel Biswas	Debashis De	Federated Learning based Privacy Preserving GSO-optimized Internet of Drone things for Secure Delivery Services
83680469	Syeda Saadia Azim	Dr. P. B. Salim, IAS, Secretary, Government of West Bengal & Dr. Arindam Ray, Chief Technology Officer, Bangla Sahayata Kendra, Personnel and Administrative Reforms Department, GoWB	Digital Inclusion: Leveraging Emerging Technologies within the BSK Ecosystem to Bridge the Urban-Rural Tech Gap
92990691	Chiranjib Bhowmik	Arup Ratan Dey	Techno-economic feasibility study of hybrid renewable energy system for the electrification of an educational institute in West Bengal, India
73449856	SHIPRA BHARTI	Dr Hiranmoy Mondal, Dr Sukhendu Samajdar	Effects of hybrid nanofluid flow having Ti and Ti-alloy over rotating cone with temperature-dependent viscosity: A materials science application
86024827	Bikramdeb Chakraborty	Partha Bhattacharyya	Beyond-Graphene 2D FET-Based Exhaled-Breath Sensor for Point-of-Care Diagnosis of Liver Fibrosis
63639287	Suman Chakraborty	Dipanwita Biswas, Santanu Das, Prosenjit Das	Effect of Cutting Parameters in Turning Using CNT Reinforced Al <sub>2</sub> O <sub>3</sub> Insert on Al-Mg <sub>2</sub> Si-Si Composite

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20559725	Atif Hossain	Sanjana Chakraborty, Sk Emdadulla, Soumen Roy	ENHANCING PIN/PASSWORD
36174429	Raktim Chakraborty	Shrabanti Kundu, Jyotsna Kumar Mandal	Design and Analysis of 6nm Single and Double gate MOSFET along with their Applications
12669648	Aparajita Chowdhury	Prof. Debashis De	Multi-UAV Path Planning using Glowworm Swarm Optimization Algorithm based on Task-priority
40756408	Poulami Ghosh	Dr. Arnab Ghosh	Residential Energy Regulation by Implementing Demand Side Management using Artificial Intelligence Algorithms
79413750	Priti Das	KAUSTAV LASKAR	A Machine-Learning-based Prediction Model for Forecasting Solar Power Generation in Net Zero Emission Buildings
31609872	Priyanshu Mandal	Goutam Kumar Bose, Partha Pratim Das	Investigation of the dynamics of Anatase nanofluid droplet impingement on a super-hydrophobic surface
20985186	Shouvik Chakraborty	Kalyani Mali	An Optimized and Modified Fuzzy Unsupervised Biomedical Image Segmentation Approach
36126970	Prof. Dr. Sudip Basack	Mrinmoy Pan, Goutam Das and Shuvo Mondal	Horizontal Pull-off Capacity of Helical Pile on Soft Clay
26375316	Shayari Mandal	Dr Madhubala Roy	EMOTIONAL THOUGHTS AND LOGICAL THOUGHTS ARE INTER-RELATED OR INTERDEPENDENT IN DECISION MAKING