

Siliguri Institute of Technology
Papers published in National/International Conference Proceedings
ACADEMIC YEAR 2022-2023

College Code: 119

	Name of the teacher	Title of the paper	Name of the conference	National International	Year of publication	ISBN/ISSN number of the proceeding	Name of the Publisher
1	Dr. Sudip Kumar Ghosh	Concurrent Improvement of Miniaturization, Polarization Purity and Gain in Miniaturized Circular Patch Antenna for Wireless Communication	1st International Conference on Intelligent Computation and Analytics on Sustainable Energy and Environment	International	2023	Communicated	CRC Press (Taylor & Francis)
2	Sarmistha Mondal and Dr. Banani Adhikari Das	Study On Fast Switching Negative Dielectric Anisotropy Chiral material for application in Liquid Crystal Display	5th Regional Science Congress (Zone -1)	National	2023		Department of Science and Technology, Govt. of West Bengal and Cooch Behar Panchanan Barma University
3	Shrabani Pal and Dr. Banani Adhikari Das	Dielectric Relaxation Studies on Orthoconic Antiferroelectric Liquid Crystals and their Binary Mixtures: A new class of Smart Materials	5th Regional Science Congress (Zone -1)	National	2023		Department of Science and Technology, Govt. of West Bengal and Cooch Behar Panchanan Barma University
4	Dr. Banani Adhikari Das	Dielectric permittivity and electro-optical parameters of orthoconic antiferroelectric liquid crystalline materials targeted for sensor applications.	5th Regional Science Congress (Zone -1)	National	2023		Department of Science and Technology, Govt. of West Bengal and Cooch Behar Panchanan Barma University
5	Dr. Debasmriti Bhattacharjee and Dr. Debojyoti Misra	Studies in autonomic , Data driven and industrial computing	International conference on data Science and communication	International	2023	2730-6445	Springer
6	Moumita Ghosh	Lightweight Authentication Protocol for E-Healthcare Systems Using Fuzzy Commitment Scheme	EAIT 2022	International 2022			Springer
7	Sutapa Bhattacharya	Movie's-Emotracker: Movie Induced Emotion Detection by using EEG and AI Tools	4th International Conference on Communication , Devices and Computing (ICCCDC 2023)	International	2023		Springer
8	Sutapa Bhattacharya	MADA: Malware Application Detection	Two day International	International	2023	Proceedings	Kripa Drishti Publications

		Approach in Android using SVM and ANN Model	Conference on Online Mode				
9	Dr. Sudip Ghosh	Enrichment of Polarization Purity, Gain, and Compactness of Circular Microstrip Antenna	ICCDN-2022	International	2022		Springer
10	Rimni Chakravarty and Hrishikesh Roy	The Night of the Scorpion: The Tale of the juxtaposition of the Indian Reality	Exploring Digital Humanities: Challenges and Opportunities”	International	2023		
11	Moumita Ghosh	Lightweight Authentication Protocol for E-Healthcare Systems Using Fuzzy Commitment Scheme	EAIT 2022	International	2022		Springer
12	Anupam Mukherjee	Classification of COVID19 Tweets based on Sentimental Analysis	International Conference on Computer Communication and Informatics (ICCCI),	International	2021	Print on Demand(PoD) ISSN: 2329-7190	IEEE
13	Shrabani Pal	Analysis of voltage stability margin using ds/dy method for IEEE-6 bus as well as 39 Bus New England power systems	Intelligent Application of Recent Innovation in Science & Technology(IARIST-2K22)	International	2022		
14	Shrabani Pal	SCA Optimised 2-DOF-FOPID Controller for Coordinated Control in a Hybrid AC/DC Microgrid	Intelligent Application of Recent Innovation in Science & Technology	International	2022		
15	Indrajit Koley	Analysis of voltage stability margin using ds/dy method for IEEE-6 bus as well as 39 Bus New England power systems	Intelligent Application of Recent Innovation in Science & Technology	International	2022		
16	Indrajit Koley	SCA Optimised 2-DOF-FOPID Controller for Coordinated Control in a Hybrid AC/DC Microgrid	Intelligent Application of Recent Innovation in Science & Technology	International	2022		
17	Indrajit Koley	TLBO Optimised PID Controller for Coordinated Control in a Hybrid AC/DC Microgrid	2022 4th International Conference on Energy, Power and Environment (ICEPE)	International	2022	978-1-6654-7124-4	IEEE
18	Jayati Routh	Design of Normally off AlGaIn/GaN HEMT using double quantum well structure with improved breakdown characteristics	13th International Conference on Control Communication and Power Engineering(CCEPE 2022)	International	International		Grenze Scientific Society (indexd in Scopus)
19	Sarmistha Mondal	Investigations on Low birefringent Liquid Crystalline materials for high Information Content Display	Intelligent Application of Recent Innovation in Science & Technology (IARIST-2K22)	International	2022		

20	Aditi Sengupta	Conduction Process in Some Promising Lithium-Ion Doped Glassy Ceramics	29th National (Virtual) Conference on Condensed Matter Physics" CMDAYS-2021	National	2022	<u>ISSN 2214-7853</u>	ELSEVIER
21	Debajyoti Guha	Comprehensive Study & Analysis of Well Known IoT Protocols	International Conference on Intelligent Application of Recent Innovation in Science & Technology (IARIST-2K22)	International	2022		
22	Subhajit Roy	Benefits of a Solar-Powered Electric Vehicle Charging Station at the Workplace in India	PEDES2022	International	2022	978-1-6654-5566-4	IEEE
23	Aditi Sengupta	A Comparative Study Of Electrical And Dielectric Properties Of A Novel Glassy Ceramic And Its Crystalline Counterpart	International Conference on Nanotechnology: Opportunities & Challenges (ICNOC-2022)	International	2022	NA	NA
24	Aditi Sengupta	Comparative Study of Electrical Relaxation Phenomenon between a Glassy Ceramic and Its Crystalline Counterpart	5 th Regional Science and Technology Congress 2022, West Bengal on 17-1January, 2023 at Coach Bihar Panchanan Barma University, Coach Bihar, West Bengal.	National	2023	NA	NA
25	Ankita Sinha	Text Classification Using Machine Learning Techniques: Comparative Analysis	OCIT-2022	International	2022	DOI: 10.1109/OCIT56763.2022.00029	Ankita Sinha
26	Ankita Sinha	Predictive Breast Cancer Learning Model for Selected Features: Comparative Analysis	ICTDsC-2023	International	2023	Under Proceeding	Himanshu Prasad Saha
27	Dr. Shuvendu Dey	A Study Of 4G Internet Service Provider (ISP) Brand Selection Behavior Of Customers and Market Standing Of Isps In Siliguri And Darjeeling Towns of North Bengal	International Conference on Innovative Research Practices in Social Sciences-2021 (IRPSS 2021)	International	2023	9781032360898	Routledge - Taylor & Francis Group

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	Name of the teacher	Title of the paper	Name of the conference	National International	Year of publication	ISBN/ISSN number of the proceeding	Name of the Publisher
28	Dr. Anirban Nandy	Targeted marketing analytics as a medicine: Role of tribal farmers of sub-himalayan north bengal in minimizing the GHG emissions	TACCTT: Tackling Aggravated Climatic Challenges Through Technology	International	2023		Magnus Group

College Code: 335

29	Apurba Chakraborty	How the Covid 19 Pandemic Effects on tourism & Hospitality Industry,of Dooars rEGION. An Overview.	An outcome of International Conference on Travel Tourism & Hospitality & Culture.	International	2022	987-81-8204-126-4	Aman Publication
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	Name of the teacher	Title of the paper	Name of the conference	National International	Year of publication	ISBN/ISSN number of the proceeding	Name of the Publisher
30	Tumpa Banerjee	Dynamic Price Prediction of Agricultural Produce for E-Commerce Business Model: A Linear Regression Model	International Conference on Data Management, Analytics & Innovation	International	2022	978-981-16-2937-2	Springer
31	Dr Uddalak Mitra	3S: a fast and exhaustive STR search algorithm	ICTDcS-2023	International	2023	Electronic ISSN2730-6445 Print ISSN 2730-6437	Springer
32	Dr Uddalak Mitra	A novel algorithm for genomic STR mining and phylogeny reconstruction	ICICCT2023	International	2023	Electronic ISSN2730-6445 Print ISSN 2730-6437	Springer
33	Dr Uddalak Mitra	An efficient tactic to analyzing and evaluation of malware dump file using volatile tool	ICETCT-2023	International	2023	Electronic ISSN2730-6445 Print ISSN 2730-6437	Springer