

**Siliguri Institute of Technology**  
***Papers published in Book Chapters***  
**ACADEMIC YEAR 2022-2023**

**College Code: 119**

Sl. No .	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	National International	Year of publication	ISBN/ISSN number of the proceeding
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
2	Anupam Mukherjee	Computational Intelligence in Pattern Recognition.	Predictive Geospatial Crime Data Analysis and Their Association with Demographic Features Through Machine Learning Approaches	NA	International	2022	ISBN 978-981-19-3089-8_52
3	Dr. Sudip Ghosh	Enrichment of Polarization Purity, Gain, and Compactness of Circular Microstrip Antenna	Sixth International Conference in Communication, Devices and Networking (ICCDN 2022)	ICCDN-2022	International	2023	
4	Dr. Shuvendu Dey	Advances in Business Management & Technology	A Study on Factors Influencing Consumer perceptions towards method of payments in Online shopping: An Empirical Study with reference to North Bengal Region, West Bengal			2022	978-93-91681-40-1
5	Sutapa Bhattacharya, Dhrubasish Sarkar, Dipak K. Kole, Premananda Jana	Advanced Data mining Tools and methods for social computing	Recent Trends in Recommendation System and Sentiment Analysis	NA	International	2022	978-0-323-85708-6
6	Aditi Sengupta	Lithium Ion glassy Electrolytes	Comparison Between Some Glassy Systems and Their Heat-Treated Counterparts	NA	International	2022	978-981-19-3268-7
7	Pritam Sinha	Advances in Transportation Geotechnics IV	A Study on Suction Properties, Subgrade Modulus and Compressibility of Marine Soil Subgrade for Flexible Pavements	Advances in Transportation Geotechnics IV	International	2022	DOI: 10.1007/978-3-030-77230-7_75
8	Dr Shuvendu Dey, Shomnath Dutta & Santana Guha	Perspectives in Marketing, Business and Strategy	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	2022	Accepted for publication
9	Moumita Ghosh	Frontiers of ICT in Healthcare	Lightweight Authentication		International	2023	

			Protocol for E-Healthcare Systems Using Fuzzy Commitment Scheme				
10	Dr. Banani Adhikari (Das)	Studies in Autonomic, Data Driven and Industrial Computation	On the Structure - Property Correlations of a new class of Chiral Liquid Crystalline Materials: A perspective from Electro-optic and Dielectric Measurements	International Conference on Data Science and Communication	International	2023	Electronic ISSN2730-6445 Print ISSN 2730-6437
11	Dr. Debasmriti Bhattacharjee and Dr. Debojyoti Misra	Studies in autonomic, Data driven and industrial computing	A survey on the application of chaos based encryption techniques on medical images	International conference on data Science and communication	International	2023	2730-6445
12	Dr. Dia Ghosh	New Horizons in Millimeter-Wave, Infrared and Terahertz Technologies	Birhythmic Behavior in a New Dual Loop Optoelectronic Oscillator	NA	International	2023	
13	Rimni Chakravarty	Tales of Our Times: An Elixir for the Wise	Walking Down the Green Avenue	NA	National	2023	Print ISBN978-93-5529-202-5