

Communication and Instrumentation

Sl. No	Name	Title	Mode (Oral/Paper)	Online/Offline
1	Priyanka Talukdar	A comparison study of hollow core photonic crystal fiber and conventional optical fiber for femtosecond optical pulse transmission	Poster	Online
2	J P Roy Choudhury	Role of Excess-carrier generation and recombination in memristivity	Oral	Offline
3	Geetamoni Konwar	A comparative study of the fastest settling PI and PID controlled Phase-locked loop for communication systems	Poster	Online
4	Jayashri Narzary	Smart Instrumentation system for Medical application	Oral	Offline
5	Sadam Fatma	An Investigative and theoretical analysis of fiber optic polarizer and polarizing maintaining fiber based on single mode fibers with elliptic core	Oral	Online
6	Jutika Borah	Data Augmentation for chest X-ray image classification for covid-19	Poster	Online
7	Sanghamitra Saikia	A flexible metamaterial-based microwave absorbing tape at X-band	Poster	Online
8	H C Medhi	Design of a PWM Based 50Hz, 12V DC/230VAC, 2.5 KVA Solar Power Inverter	Oral	Online
9	Suman Debnath	Proposal of an optical 8APSK generator using an add-drop microring modulator and a QPSK modulator in series	Poster	Online
10	Swarnav Buragohain	Measurement of small change in angle using Optical Moirè technique and computer generated hologram	Poster	Online
11	Sujit Chatterjee	Design and testing of a bit error rate tester with application to a visible light communication system	Oral	Online
12	Kaustubh Bhattacharyya, Darothi Das	Design and analysis of Metamaterial Electromagnetic wave Absorbers at a THz frequency	Poster	Offline

13	Yatish Beria	Miniaturized Hexagonal DS-CSRR based microwave sensor for high sensing applications	Poster	Online
14	Gouree Shankar Das	Compact four elements SUB-6 GHz MIMO antenna for 5G applications	Oral	Online
15	Masooma Zaffer	Pole model of Operational Amplifier as a Design Parameter : A Review	Poster	Online