

Interdisciplinary Research and Atmospheric Physics

Sl. No.	Name	Title	Mode (Oral/Poster)	Online/Offline
1	Nidhi Awasthi	Computational Study of Electrical Properties of Azoles-anti fungal drugs using DFT method	Oral	Offline
2	Pranami Sarma	Investigation on group Velocity dispersion and Leakage loss in air-core Photonic Bandgap fibres	Poster	Online
3	Hritinava Banik	Transient and Non-volatile memory device by Using a Protien	Oral	Offline
4	Shazidul Hussain	Study of polydiacetylene-cholesterol mixed system: design of colorimetric sensor	Poster	Offline
5	Sanu Sarkar	Protien Absorption on hudrophillic and hydrophobic surfaces	Oral	Online
6	Dr. Mahmuda Begum	Self-diffusion of strongly coupled dusty plasma in presence of asymmetric ion flow	Poster	Online
7	Manasi Gogoi	Investigation of the Planetary Boundary layer and its relationship with atmospheric pollutants over North East India	Oral	Online
8	Ankush Medhi	A non-enzymatic approach of H ₂ O ₂ and glucose sensing using NiO-MoS ₂ derived electrochemical sensor	Oral	Online
9	Parthana Gogoi	Study of the evolution of a non-planar solitary wave in a strongly coupled dusty plasma	Poster	Online
10	Jhuma Biswas	Temporal variations in black carbon aerosols over Guwahati, North East, India	Oral	Online
11	H. Nungshibabu Singh	Study of Environmental dose rate at different places in Manipur and its correlation with the cancer incidence	Oral	Offline
12	Parminder Kaur	Characterization of atmospheric aerosols by SEM-EDX technique in a rural-continental environment-a seasonal approach	Oral	Offline
13	Ripa Paul	Lipid-Protein mixed system: Suitable for WORM application	Poster	Offline
14	Abhay Bhattarai	A STUDY OF SPATIO-TEMPORAL RAINFALL VARIABILITY AND EXTREME	Oral	Online

		PRECIPITATION TRENDS OVER CACHAR DISTRICT OF ASSAM		
15	Tani Chekke	Development and study of 2D-WS ₂ based-triboelectric nanogenerator for sensing application	Oral	Online
16	Nihar Jyoti Das	Breast cancer classification using machine learning	Oral	Offline
17	Jinee Gogoi	Atmosphere-Ionosphere Coupling during Sudden Stratospheric Warming Events	Poster	Online
18	Abhinay Singh	Variation of AIRS retrieved CO ₂ over Uttarakhand, India during 2010–2017	Poster	Online
19	Paragjyoti Sut	Plasma Double Layer near a fireball boundary and related phenomena	Poster	Online
20	Gourav Jyoti Kalita	Analysis of multispectral images of Deepor Bil	Poster	Online
21	Pooja Rani	Harmfulness of electromagnetic radiation from successive generation of mobile phone towers on human body	Poster	Online