



Poster Presentation by Research Scholars
in Memory of
Prof. P. K. Kaw



18 JUN 2026

List of Posters

S. No	Author	Poster Title
1	Sushree Monalisha Sahu, IPR	Anisotropy-induced Inhomogeneous Melting in Finite Dust Clusters
2	Shakti Kushwaha, IPR	Absorption of Elliptically Polarized Light in Inhomogeneous Plasmas: A Particle-in-cell Simulation approach
3	Shakti Kushwaha, IPR	Absorption of Electromagnetic Waves in Inhomogeneous Plasmas: A Path Integral Approach
4	Rishabh Singh, IPR	Revisiting Electron Heating in Low-Pressure Capacitive Discharges: A Nonlinear Dynamics Perspective
5	Ruchi Varshney, IPR	Investigation of plasma response to radial He Gas Puffing for Gas puff Imaging Diagnostic in ADITYA – U Tokamak
6	Ardhendu Sekhar Mishra, IPR	Effect of Collisions on breaking of Relativistically Intense Plasma Waves
7	Varsha M. Sharma, IPR	Absorption of a short laser pulse in a homogeneous plasma
8	Prasanta Amat, IPR	Interaction of co-propagating precursor solitons in a flowing complex plasma
9	Mayank Kumar, IPR	Experimental Study of Active Janus Particle in a DC Glow Discharge Plasma
10	Neha Tripathi, IPR	Effect of DC-Biased 1D Periodic Substrate on Structure and Dynamics of 2D Dusty Plasma
11	Tanmay Karmakar, IPR	Controlled excitation of zonal flows, mean-flow interaction, and transport regulation in a linear magnetized plasma
12	Komal, IPR	Impact of MHD activity on energetic electrons dynamics in ADITYA-U tokamak
13	Deepak Gautam, CBS Mumbai	Resonantly Driven Electron Bernstein Waves in Magnetized Low-Pressure Capacitive Discharges
14	SK Injamul Hoque	Role of Intermittent Transport Events on Heat Flux Scrape-off Layer (SOL) Width in ADITYA-U tokamak
15	Soumitra Banerjee	Identification and Characterization of a New Disruption Regime in ADITYA-U Tokamak
16	Souvik Mondal	Electromagnetic filament coalescence as magnetic island merging
17	Pooja	Kinetic Instability of Electromagnetic Waves Driven by Warm Fast Electrons

