

प्लाज़्मा अनुसंधान संस्थान, गाँधीनगर/ Institute for Plasma Research, Gandhinagar
शोध प्रतिवेदन, अप्रैल 2025/ Research Reports, April 2025

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2	B. Anil Babu	Synthesis of a Robust RIS Architecture with a High Degree of Freedom for Flexible Beamforming Generation	IPR/RR-1741/Apr 2025
3	M. B. Chowdhuri	Magnetohydrodynamic Instability Modulated Runaway Electron Losses in the ADITYA-U Tokamak	IPR/RR-1742/Apr 2025
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5	Arzoo Malwal	Study of Radial Field Dependent Flows in Inboard Limited Aditya-U Plasmas using EMC3-Eirene Simulations	IPR/RR-1744/Apr 2025
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7	Hardik Vyas	Estimation of the Coefficient of Friction in Dissimilar Metals of Cu to SS Friction Weld Joints for NBI Ion Extractor Grid Fabrication	IPR/RR-1746/Apr 2025
8	Ayan Adhikari	Experimental Observation of Time-dependent Cross-field Diffusion in a Large Plasma Device	IPR/RR-1747/Apr 2025
9	Sunil Bassi	On the Transition Mechanism to Multi mode Operational Regime in Rotating Detonation Engine Operation	IPR/RR-1748/Apr 2025
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2	Pramila	Response of Electronics System to Neutron Radiation using 14MeV Neutron Source	IPR/TR-853/Apr 2025
3	Yuvakiran P.	Preliminary Report on Copper Based PF Coils Cooled using Liquid Nitrogen (LN2) for SST-1	IPR/TR-854/Apr 2025
4	Manisha Jha	Enhancement of Radiation Efficiency of Plasma Antenna in Reconfigurable Central Plasma Antenna Array	IPR/TR-855/Apr 2025
5	Vijay Patel	On-premise Deployment of Production Grade Kubernetes Cluster on Raspberry PI using MicroK8S	IPR/TR-856/Apr 2025