

प्लाज़्मा अनुसंधान संस्थान, गाँधीनगर/ Institute for Plasma Research, Gandhinagar
शोध प्रतिवेदन, दिसम्बर 2024/ Research Reports, December 2024

S. No	Author	Report Title	Report Number
1	Shishir Purohit	Novel Limiter Design for Tokamak Operation	IPR/RR-1704/ 2024
2	J J U Buch	Calibration and signal processing methods used for density profile measurements from the developed FMCW Reflectometry system for Aditya-U tokamak	IPR/RR-1705/ 2024
3	Sagar Choudhary	Gyrokinetic transport driven by Ubiquitous Modes in LTX-like Tokamak with “flat” temperature	IPR/RR-1706/ 2024
4	Devilal Kumawat	Fast Visible Imaging Diagnostic for Inductively Driven Pellet Injector in Aditya-U Tokamak	IPR/RR-1707/ 2024
5	Tejal Barkhade	Investigating the Interactions of Microwave Plasma with Bacterial Cell Structures: Impacts on Cell Integrity and Viability	IPR/RR-1708/ 2024
6	Aditya Naugraiya	Conceptual Framework for Electrostatic Field Analysis of Ion Extraction and Acceleration System for Neutral Beam Injectors	IPR/RR-1709/ 2024
7	Anees Bano	Experimental investigation of low resistance joints for high field HTS magnets	IPR/RR-1710/ 2024
8	Tulchhi Ram	ECR Produced Plasma in Time-varying Toroidal Magnetic Field	IPR/RR-1711/ 2024

तकनीकी प्रतिवेदन, दिसम्बर 2024/ Technical Reports, December 2024

S. No	Author	Report Title	Report Number
1	Chirag Dodiya	Experimental Test Set-up Preparation and Testing of NbTi CICC at 77K	IPR/TR-829/ 2024
2	M. Himabindu	Benchmarking of 3D FDTD code for monopole Antenna studies	IPR/TR-830/ 2024
3	Bhavesh Kadia	Development of -5kV, 1A High Voltage Dual Mode Power Supply for 1kW, 2.45GHz Magnetron Source	IPR/TR-831/ 2024