

प्लाज़्मा अनुसंधान संस्थान, गाँधीनगर/ Institute for Plasma Research, Gandhinagar
शोध प्रतिवेदन, जून 2026/ Research Reports, June 2026

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1	Rohit Kumar	Detection and compensation of error field in ADITYA-U tokamak	IPR/RR-1818/2026
2	Mariammal M.	Experimental Investigation of Ion Sonic Point Location in Helicon Plasma Magnetic Nozzles Using a Para-Perp Mach Probe	IPR/RR-1819/2026
3	Jyoti Agarwal	Early prediction of future Disruption events in ADITYA using Decision Tree and Random Forest Models	IPR/RR-1820/2026
4	A. K. Verma	Engineering Design of Multi-Stacked Central Solenoid for a Spherical Tokamak	IPR/RR-1821/2026
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1	Atul Kumar Prajapati	Design Verification & Validation of Prototype Bellows for LIGO India Project	IPR/TR-948/2026
2	Shivsagar Kanaujia	Development of a Thyristor-Switched Compact Blumlein Line-Based Pulse Forming Network for 2 kV Peak Voltage Applications	IPR/TR-949/2026
3	Shiju Sam	Development and Qualification of Dissimilar Metal Weld Joint between SS316L and Grade 91 Steel for Integration of Blanket First Wall Mock-up with the Experimental Helium Cooling Loop Facility at IPR	IPR/TR-950/2026
4	Jasraj Dhongde	Real time circuit simulation of Vertical Field (VF) Power supply model on Hardware in Loop (HIL) testing system in SST-1	IPR/TR-951/2026
5	P. K. Srivastava	Embedded Master Control System for Synchronized Operation of Multiple Power Supplies in Large Volume Plasma Device	IPR/TR-952/2026
6	Ayush Bhatt	Thermal Analysis and Heat Balance of a Cryogenic Sorption Panel System	IPR/TR-953/2026