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शोध प्रतिवेदन, मई 2025/ Research Reports, May 2025

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2	Abhishek Saxena	Experimental measurement of medical radioisotope activity produced through 14 MeV neutrons using HPGe detector	IPR/RR-1753/2025
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4	Tapan Patel	Fabrication of Prototype Ion Extractor Grid and its 500 sec Long Pulse Operation with 1.63 MW/m ² Heat Load	IPR/RR-1755/2025
5	Nikhil Mohurle	Charge collection diagnostics with an improved signal-to-noise ratio (SNR) and bit resolution to measure total charge in SMARTEX-C	IPR/RR-1756/2025
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9	Hardik Mistry	Thermal design and optimization of an ECRH launcher mirror for long pulse operation	IPR/RR-1760/2025
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12	Varsha S.	Enhanced Balmer lines of hydrogen in Helium plasma: Evidence of Penning ionization and recombination	IPR/RR-1763/2025
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14	Aroh Shrivastava	Lithium Extraction from Li ₂ TiO ₃ via Acid Dissolution and Precipitation as Li ₂ CO ₃	IPR/RR-1765/2025

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1	Manoj Kumar	Thermo-hydraulic and artificial intelligence based off-design performance characterization of a straight and curved hydroformed panel	IPR/TR-859/2025
2	Varsha Siju	Preliminary observations on sound detection using millimeter wave techniques	IPR/TR-860/2025
3	H. M. Jadav	Interfacing of Control circuit for movement of stub & phase shifter of RF matching unit on SST-1	IPR/TR-861/2025
4	Ramesh Joshi	Integration of Modbus-RTU Monitoring with Epics for Offline Impedance Matching in ICRH Systems	IPR/TR-862/2025
5	Arvind M. Singh	Implementation of Secure Enterprise Update Management using WSUS and enforcing Active Directory GPOs	IPR/TR-863/2025
6	S. Sunil	Operational Aspect of Integrated Vacuum Vessel (IVV)	IPR/TR-864/2025
7	Vijay Patel	Guide to Web Developers for implementing Web Single-Sign-On (SSO) using SAML 2.0	IPR/TR-865/2025
8	Bhavesh Kadia	Wire-Burn Test of 15kV DC HV Plate Power Supply for 100kW, 45.6MHz RF Amplifier Stage	IPR/TR-866/2025
9	Nitin Bairagi	Outcome of the SST-1 dedicated cool down experiments	IPR/TR-867/2025
10	Rajanbabu N.	Green Technologies from Plasmas	IPR/TR-868/2025