

TECHNICAL REPORTS (TR) 2010-11

Vacuum Pressure Impregnation Facility at IPR

SUBRATA PRADHAN and PRIYANKA BRAHMBHATT

IPR/TR-164/2010 (APRIL, 2010)

Development of 2.4ns Rise Time, 300kV, ~500MW Compact Co-Axial Marx Generator

T. PRABAHARAN, A. SHYAM, R. SHUKLA, P. BANERJEE, S. SHARMA, P. DEB, R. VERMA, R. KUMAR, R. DAS, B. DAS and B. ADHIKARY

IPR/TR-165/2010 (APRIL, 2010)

Crystal Quartz Optical Windows for Far Infrared Interferometer of SST-1

ASHA ADHIYA and RAJWINDER KAUR

IPR/TR-166/2010 (APRIL, 2010)

Diamagnetic Flux Measurement in Aditya Tokamak

SAMEER KUMAR, RATNESHVAR JHA, PRAVEEN LAL, CHANDRESH HANSALIYA, M.V. GOPALKRISHNA AND THE ADITYA TEAM, SANJAY KULKARNI, KISHORE MISHRA, AND THE ICRH GROUP

IPR/TR-167/2010 (JUNE, 2010)

Vacuum Guideline for SST-1 Tokamak

ZIAUDDIN KHAN and SST-1 VACUUM DIVISION

IPR/TR-168/2010 (JUNE, 2010)

Energy Storage Capacitor Banks for Electromagnetic and Electrohydraulic Forming

RISHI VERMA, A. SHYAM, R. KUMAR, B. ADHIKARY, R. SHUKLA, P. BANERJEE, S. K. SHARMA, P. DEB, T. PRABAHARAN AND R. DAS

IPR/TR-169/2010 (SEPTEMBER, 2010)

A Design Approach towards a High Power Gyrotron Output-TE₀₃ Mode Microwave Power Characterization and its Mode Conversion to HE₁₁ Mode

K. SATHYANARAYANA, NIDHI SHAH and S.V. KULKARNI

IPR/TR-170/2010 (OCTOBER, 2010)

Design, Fabrication and Testing of Corrugated Waveguide using Round Trip Insertion Loss Measurement Technique

K. SATHYANARAYANA, NIDHI SHAH, TUSHAR PANCHAL, PRIYANKA SOLANKI and S.V. KULKARNI

IPR/TR-171/2011 (JANUARY, 2011)

Automation of Aditya Capacitor Bank Charging System

N.C. PATEL, CHHAYA CHAVDA, RAKESH TANNA, PRABAL CHATTOPADHYAY

IPR/TR-172/2011 (MARCH, 2011)

Development and Integration of Data Acquisition System for SST-1 Phase-1 Plasma Diagnostics

AMIT K. SRIVASTAVA, MONIKA SHARMA, IMRAN MANSURI, ATISH SHARMA, TUSHAR RAVAL and SUBRATA PRADHAN

IPR/TR-173/2011 (MARCH, 2011)