

PhD Thesis Presentation Schedule & Venue

(Each presentation will be of 25 minutes followed by 5 minutes of question-answer)

Reg.ID	Name	Affiliation	Thesis Title	Category	Venue	Date	Time
661	Rita	BARC	Studies on quantum interference effects in atomic ensemble	Laser Applications	HBNI Conference Room	31-Jan-24	10:45 - 11:15
1235	Sandeep Singh	Physical Research Laboratory	Generation and characterization of pair photon source for quantum sensing applications	Laser Applications	HBNI Conference Room	31-Jan-24	11:15 - 11:45
1273	Jitender Kumar Chaurasia	m2nxt Solutions Private Limited	LASER DIRECTED ENERGY DEPOSITION OF INCONEL 625 ALLOY FOR REPAIR & FEATURE ADDITION APPLICATIONS: AN EXPERIMENTAL AND NUMERICAL INVESTIGATION	Laser Applications	HBNI Conference Room	31-Jan-24	11:45 - 12:15
1337	Anshu sahu	Indian Institute of Technology Indore	Design & Development of Laser Decal Transfer Based μ -3D Printer for Printing Micro Scale Structures for MEMS Applications	Laser Applications	HBNI Conference Room	31-Jan-24	12:15 - 12:45
1213	PARTHA SARATHI PADHI	Raja Ramanna Centre for Advanced Technology	Studies on Al ₂ O ₃ /TiO ₂ nanolaminates for energy storage applications	Laser Materials	HBNI Smart-Class	31-Jan-24	10:45 - 11:15
195	Sruthil Lal S B	Pondicherry University	The Origin of Optical Nonlinearity in Anatase TiO ₂	Laser Materials	HBNI Smart-Class	31-Jan-24	11:15 - 11:45
1246	Aarti Jaiswal	University of Allahabad	Synthesis of Nanomaterials and their Potential Applications	Laser Materials	HBNI Smart-Class	31-Jan-24	11:45 - 12:15
1274	Navdeep Rana	IIT Bombay	Probing Lattice Dynamics in real-space and real-time	Laser Materials	HBNI Smart-Class	31-Jan-24	12:15 - 12:45
94	PRACHI	PONDICHERRY UNIVERSITY	Study of parity- time symmetry in mutually coupled semiconductor diode lasers	Laser Phys. & Tech.	Homi Sethna Hall	31-Jan-24	10:45 - 11:15
1179	Pritam Pradeep Shetty	Indian Institute of Information Technology Design and Manufacturing, Kancheepuram	Generation, Modulation and Detection of Phase Structured Laser Beams for Sensing Application	Laser Phys. & Tech.	Homi Sethna Hall	31-Jan-24	11:15 - 11:45
271	Dheeraj Kumar Singh	BARC	Study of high voltage discharge and optimisation of electrical parameters in copper vapour laser	Laser Phys. & Tech.	Homi Sethna Hall	31-Jan-24	11:45 - 12:15
185	Pradeep K Gupta	RRCAT, Indore	Studies on multimode interference and pulse shaping in fiber lasers	Laser Phys. & Tech.	Homi Sethna Hall	31-Jan-24	12:15 - 12:45
757	Vasu Dev	Indian Institute of Technology Ropar	Generation and Characterization of Spatially Controlled Structured Light with Exotic Propagation Properties	Laser Phys. & Tech.	Homi Sethna Hall	31-Jan-24	12:45 - 13:15
887	Jackson Rodrigues	Manipal School of Life Sciences, Manipal Academy of Higher Education	Assessment of Breast Tumor Progression by Photoacoustic Spectroscopy	Laser Spectroscopy	Vikram Sarabhai Hall	31-Jan-24	10:45 - 11:15
827	Reshma Beeram	University of Hyderabad	Novel, Hybrid Plasmonic Materials Aided with Machine Learning for SERS-Based Trace Detection of Multiple Explosives	Laser Spectroscopy	Vikram Sarabhai Hall	31-Jan-24	11:15 - 11:45
1262	Adarsh U.K.	Department of Atomic and Molecular Physics, MAHE, Manipal	Development of a Portable LIBS-Raman System for Identification and Classification of Plastics	Laser Spectroscopy	Vikram Sarabhai Hall	31-Jan-24	11:45 - 12:15
1161	R Ramya	Anna University	Numerical Analysis of Modulation and Pulse Generation Characteristics of Transistor Laser	Solid State Laser	Vikram Sarabhai Hall	31-Jan-24	12:15 - 12:45
760	Siba Prasad Sahoo	Bhabha Atomic Research Center	Development and characterization of widely tunable solid-state laser	Solid State Laser	Vikram Sarabhai Hall	31-Jan-24	12:45 - 13:15