

S.No.	Name of Student	Topic of dissertation	Supervisor
01	PRIYANSHI BHASIN	Quantum Information	Prof. Debajyoti Choudhury
02	SARITA REDHU	Quantum Field Theory in Curved Spacetime	Prof. Debajyoti Choudhury
03	SUVAM MAHARANA	Some Aspects of Universal Extra Dimesnsions	Prof. Debajyoti Choudhury
04	ASTHA KAKKAR	Physical Processes around Kerr Black Holes	Prof. Patrik Das Gupta
05	UDDEEPTA DEKA	Statistical Studies of Pulsar Transverse Velocities and the Nulling Phenomena	Prof. Patrik Das Gupta
06	DINESH YADAV	Characterization of Lead Zirconium Titanate (PZT) ($\text{PbZr}_{0.4}\text{Ti}_{0.6}\text{O}_3$) and fabrication of microwave resonator	Prof. Vinay Gupta
07	ANSHU KATARIA	Designing and Fabrication of Band pass Filter in Radio Frequency and Microwave region	Prof. Vinay Gupta
08	NRITA GAUR	Fabrication of GaN Blue Light Emitting Diode using Laser Molecular Beam Expitaxy	Prof. Vinay Gupta
09	SATYAM AGARWAL	Density Functional Theory For Calculating Band Structures of Semiconductors	Dr Sumalay Roy & Prof. Shyama Rath
10	PARTHA PRATIM DEKA	Cosmology with 21 cm LINE of HI	Prof. T.R. Seshadri
11	MOHIT KHURANA	Determination of Trapping Probability of Electrons in Silicon Detector when Irradiated with Protons and Neutrons using Transient Current Technique (TCT) Simulations	Prof. Kirti Ranjan
12	ARPIT ARORA	Review of Graphene and Berry's Phase	Prof. Nivedita Deo
13	DISHA GARG	Simulation of Time Of Flight Mass Spectrometer	Dr. Jyoti Rajput