

List of Projects assigned to students for B.Sc (Physics) Summer Programme, June 2018

S. No	NAME	AFFILIATION	PROJECT	SUPERVISOR
1	Archa A Nair	IISER Thiruvananthapuram, Kerala	Large Scale Fabrication of Well-Aligned Silicon Nanowires for Energy Harvesting Applications	Dr.D.Kabiraj / Dr.V.S.Vendamini
2	Sagar Sadana	Guru Nanak Dev University, Punjab	Synthesis and characterization of ceramic materials for nuclear reactor applications	Dr.Pawan Kulriya
3	Moulika Hazra	BIT Mesra, Jharkhand	TOF evaluation of position sensitive proportional counters	Dr.Akhil Jhingan/ Mr.N.Saneesh
4	Sattwik Sadhu	National Institute of Technology (NIT), Rourkela	Insights of radiocarbon dating	Dr.Pankaj Kumar
5	Eisha Sharma	Central University of Jammu	Efficiency measurement of the silicon drift detector	Mr.Deepak Swamy
6	Sambhav Antriksh	National Institute of Technology Patna, Bihar	Effect of the gas mixing technique on the argon plasma in 10GHz Nanogan ECR Ion Source	Mr.Kedar Mal
7	Kriti Mahajan	University of Delhi	Simulation and operation studies of 2.45 GHz Microwave Ion Source based high flux system	Dr.Narender Kumar
8	Sai Sushma	Loyola Academy Degree & PG College, Telengana	Characterisation of a HPGe CLOVER detector	Mrs.Indu Bala
9	Neha Devi	University of Delhi	Operation of high temperature superconducting ECR ion source and low energy beam transport system	Mrs.P.Lakshmy
10	Lakshita Jindal	Panjab University, Chandigarh	Backscattering Spectrometry: Instrumentation, Methodology and Applications	Mr.Sunil Ohja
11	Kavya Bindhu	Akkamahadevi Women's University, Karnataka	To test the position sensitive gas ionization counter	Dr.Tapan Nandi/ Mr.Deepak Kumar
12	Bhavani Sankar	Andhra University	The study of Hybrid Telescope detector	Mr. Mohit Kumar
13	Anaswara Ramchandran	Central University of Tamilnadu	Scintillation Detector: Principles & Applications	Dr.P.Sugathan/ Mr. N. Saneesh
14	Mitali Sharma	University Of Delhi	Study of Superconducting LINAC	Mr .Bappa Karmakar