

Departments of Electrical Engineering and Physics

#	Title of the Project	Name of the Students	Entry No.	Name of the Project Facilitator	Budget (in rupees)
12	Machine- Learning- Based Optimization Method for Wideband Metasurface Antenna	Yuvraj Singh Aman Raj Electrical Engineering	2022EE11715/8.04 2022EE11702/8.42	Prof. Mahesh P. Abegaonkar CARE	25,000/-
13	Real- time joint torque prediction by multiple wearable sensor band fusion using EMG signal	Shahid Khan Dhruv Jhunjhunwala Electrical Engineering	2022EE11163/8.63 2022EE32068/8.31	Prof. Sitikantha Roy Applied Mechanics Prof. Lalan Kumar Electrical Engineering	20,000/-
14	Ambience Regulation Through Physiological and Emotional Analytics	Kaustubh Vatsa Manan Rastogi Electrical Engineering	2022EE11151/9.12 2022EE11669/8.74	Prof. Kaushik Saha Electrical Engineering	20,000/-
15	Brain Signal Controlled Prosthetic Limb Actuation	Sumukh Bansal Sarthak Gupta Electrical Engineering	2022EE11662/8.37 2022EE11678/8.50	Prof. Soutik Betal Electrical Engineering	Nil
16	Enhancing Circuit Design Automation by Generalizing Graph of Circuit Explorer	Kabir Nagpal Manas Kesharwani Electrical Engineering	2022EE31743/8.55 2022EE11192/8.16	Prof. Sandeep Kumar Prof. Ankesh Jain Electrical Engineering	5,600/-
17	Simulation of Behavior of Multi- Qubit system working at deep cryogenic temperatures using Quantum Entanglement	Lisha Goel Abheek Gera Electrical Engineering	2022EE11685/9.25 2022EE11160/8.20	Prof. Abhishek Dixit Electrical Engineering	Nil
18	Exploring the Potential of Dual- Drive Mach Zehnder Modulator: Generating Over 10 OFC Lines for Advanced Optical Communication	Gandharva Chhipa Kartikey Agarwal Electrical Engineering	2022EE11663/8.64 2022EE11156/8.44	Prof. Amol Choudhary Electrical Engineering	Nil
19	Time Difference of Arrival (TDOA) based Localization Alogrithm	Tushar Verma Tushya Khandelwal Electrical Engineering	2022EE31742/8.82 2022EE31748/7.97	Prof. Seshan Srirangrajan Electrical Engineering Monika Aggarwal	25,000/-