



DEPARTMENT OF ELECTRICAL ENGINEERING, SOET, IUST

Project Title	Funding Agency	Amount of Sanctioned Grant	PI and Co-PI
Design and Analysis of a Bag valve mask based frugal ventilator	JKSTIC	7,70,000.00	Dr. S. A. Nahvi Dr M.A. Bazaz Dr M.H. Koul Mr P. Shoaib Hamid
Data gathering analysis and protection of privacy through randomised response algorithm	JKSTIC	6,30,000.00	Dr. Zahoor Ahmad Dr. Tanveer Ahmad Tarray
Transition towards clean, affordable and reliable electricity from Renewable Energy-based Distributed Generation resources for Residential Building Electrification.	JKSTIC	5,89,000.00	Prof. Sheikh Javed Iqbal Dr. Rayes Ahmad Lone
Development of green technology based hybrid space heating system for Kashmir valley	JKSTIC	4,99,000.00	Dr. A. S. Anees Dr. Rayes Ahmad Lone Dr. Salman Ahmad
Design and implementation of reduced switch count multi level inverter for unified power flow controller solar intermittency and power quality	JKSTIC	2,74,000.00	Dr. Salman Ahmad Dr. A. S. Anees Mr. Javeed Bashir
Deep Learning based discoveries of reduced order models in Science and Engineering	SERB-DST NPDF	20,25,600.00	Dr. S. A. Nahvi Dr. Danish Rafiq