

Sl.	Name of the Faculty & Department	Title of the project	Year	No. of research projects completed / in progress	Sponsoring Agency	Funds received in Lakhs
1	Dr. R. Deepalaxmi (EEE) Dr. V. Rajini (EEE)	Identification of cable insulation material for nuclear power plants	2017	In progress	SSN Trust	5.5
2	Dr. K. Usha (EEE)	Measurement and optimization of electric field distribution around composite insulators	2017	In progress	SSN Trust	2.75
3	Mr. V. Thiagarajan	Design and development of modified multilevel inverter topology with reduced number of switches	2017	In progress	SSN Trust	2.2
4	Ms. S. Krishnaveni Dr. V. Rajini	High voltage pulse generator based on high gain DC-DC converter for PEF food processing	2016	Completed	SSN Trust	2.15
5	Dr. R. Seyezhai Ms. D. Umarani	High efficiency PV module integrated converter based on cascaded quasi-Z-source	2016	In progress	SSN Trust	4.25

		inverter				
6	Dr. Mrunal Deshpande	Design and development of switched reluctance motor drive with minimum torque ripple	2016	In progress	SSN Trust	3.85
7	Mrs. AlaguDheerajaj	Isolated active clamp forward DC-DC converters for microprocessor	2016	Inprogress	SSN Trust	3.7
8	Mr. P. Saravanan	Design and development of switched reluctance motor drive with minimized torque ripples	2016	Inprogress	SSN Trust	3.15
9	Dr. R. Deepalaxmi Dr. V. Rajini	Electromechanical characterization of SiR-EPDM blends	2015	Completed	SSN Trust	2.63
10	Dr. Ramaprabha	Design and development of efficient Building integrated PV system under partial shaded conditions	2014	In progress	SSN Trust	19.54
11	Dr.V.Kamaraj Mr.V.S.Nagarajan	Design and Development of Energy efficient reluctance motor drives	2014	Completed	SSN Trust	3.25

12	Dr. R Seyezhai	Solar Electric Vehicle using BLDC Drive	2013	Completed	SSN Trust	4.5
13	Dr.Pandiarajan	Reorientation of 10kW roof top solar power plant at SSN campus	2011	Completed	SSN Trust	5
14	Dr.Ranganath Muthu &Dr.Murugesan	Design of D-STATCOM for Reactive Power Compensation for Wind Turbine Systems	2009	Completed	SSN Trust	3.5