

Dept of Electrical and Electronics Engineering

Funded Projects

S. No	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Year of Award	Funds provided (INR in lakhs)
1	Development and Implementation of MPPT Algorithm for Solar Photovoltaics System under Uniform and Non-Uniform Irradiation Conditions	Dr. D. Devaraj	DST	2014	895500
2	Energy Saving through IoT Based Building Automation and non linear predictive controller	Dr. D. Devaraj Dr. Seshadhri Srinivasan, Dr. B. Subathra Mr. M. Karuppasampandian	DST	2017	2010360
3	Low Cost High Performance Inverter	Mr. K. Vijayakumar	DST Star-Up NIDHI	2017	1000000
4	Establishment of Real time Simulation Platform for Renewable Energy and Smart Grid System	Dr. D. Devaraj	DST_FIST	2018	2700000
5	Low Cost Smart Cleaner For Solar panels	Mr. K. Vijayakumar	DST Star-Up NIDHI	2018	1000000
6	Real time aquamonitoring system	Mr. M. Krishna Paramathma	TNSCST	2018	10000
7	Smart life jacket for fisherman	Dr. V. Agnes Idhaya Selvi	TNSCST	2019	7500
8	Intelligent phase failure control of distribution transform for Rural Areas/Remote Areas	Mr. M. Karuppasampandian	IEEE AIYEHUM	2016	33190
9	IoT Based Power Management and Condition Monitoring in Micro Grid	Mrs. V. Agnes Idhaya Selvi and Mr. M. Karuppasampandian	IEI	2017	60000
11	Smart Water Supply Management System	Mr. Krishna Paramathma	DST-IEDC	2016	100000

Consultancy

S. No	Nmae	Company Name	Year	Amount in Rs.
1.	Dr. D. Devaraj	Solar System Installation at Anand Techverce, Chennai	10-07-2015	3, 60, 800
2.	Dr. P. Aruna Jeyanthi	Feasibility of Harnessing Wind Energy at Adore Residency, Chennai	05-03-2015	4, 16,000
3.	Dr. V. Agnes idhaya selvi	Energy Audit at Ashwini Hospital	03-03-2014	2,66,000
4.	Dr. P. Aruna Jeyanthi, Mr. S. Rajendran	Adore Residency, Chennai	10-4-2019	2,11,000
5.	Dr. D. Devaraj, Dr. K. Rajesh	Ashwini Hospital, Chennai	13-3-2019	2,25,000