

**Research Projects of Electrical Department**

Sr.no.	Name of Project	Name of the Principal Investigator/ Co Investigator	Name of the Funding agency	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1	Hella Frugal Laboratory	Dr. Meera Murali,	Hella India Automotive Private Limited	2017	70 Lakhs	2017 Onwards
		Dr. S. R. Kurode				
<b>2017-18</b>						
2	IOT based smart lighting system	Dr. Meera Murali, Dr. Radhika Joshi	DIC (IITB)	2017	3.3 Lakhs	1 Year (2017-18)
<b>2018-19</b>						
3	Comparative studies of various configurations of LEM's and Design analysis of Linear PMSM for EMLS	Dr. R. T. Ugale	R & D Engineers, DRDO , Pune	19-Dec	9.3 Lakhs	Dec 2019- May 2021
		Dr. S. S. Dambhare				
4	oriented control of Permanent MagnetSync	Dr. Meera Murali	College of Engineering Pune	2018	2.99 Lakhs	1 Year (2018-19)
<b>2019-20</b>						
5	Energy efficient automation system with enhanced features.	Dr. Meera Murali Dr. Radhika Joshi	YARDI (Industry)	Aug-19	1.8L	1 Year, (2019-20)
<b>2020-21</b>						
6	Design and development of an Electric Motor for EV application addressing the future mobility of rural and urban india	Dr. S. S. Dambhare	College of Engineering Pune	Jun-20	5L	June 2020-June 2022
		Dr. A.G. Thosar				
7	Design and development of glove for suppression for resting tremor in Parkinson's	A. G. Thosar U. M. Chaskar	Engineering Pune	Aug-20	3.9L	Aug 2020-July 2022
8	Robus- Active tuned mass damper (R-ATMD) for seismic protection of sensitive equipment	Dr. S.R. Kurode S.M. Madhekar	Engineering Pune	Aug-20	5L	Aug 2020-July 2022
9	Design and Development of IOT based Smart Charging Station (Interdisciplinary)	Dr. Meera Murali	R& D College of Engineering Pune + Industry	Aug-20	10L	Aug-20
	Machine Learning Assisted Protective Relays for Power System (ENTIRRE)	Prashant Gawande and Prof. Suhas Kakade	College of Engineering Pune	Aug-20	5L	Aug-20
10	A day ahead estimation of solar Photovoltaic (PVT) output using Machine learning algorithm	Prof. Suhas Kakade	College of Engineering Pune	Aug-20	5L	Aug-20

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