

Sr. No	Name of Project	Principal Investigator / Coordinator	Dept of P.I.	Year of award	Amount sanctioned (Lacs)	Duration of Project in Months	Name of Funding Agency	Type Government / Semi Government
1	Synthesis and Characterization of Compounds of Transition metal with N-benzoylanthronitic acid	Dr. Hemant Khanolkar	H & S	2018-19	0.50	12	MRG by UoM	Government
2	Stock market forecasting using neural network implementation on FPGA	Prof. Archana Lopes	Electronics	2018-19	0.30	12	MRG by UoM	Government
3	Smart soil analyzer using IoT	Prof. Henakausar Pendhari	Electronics	2018-19		12	MRG by UoM	Government
4	Automatic Chimney	Prof. Vaibhav Godbole	Electronics	2018-19	0.18	12	MRG by UoM	Government
5	Driver activity monitoring and warning system	Prof. Prajakta Dhamanskar	IT	2018-19	0.25	12	MRG by UoM	Government
6	Baby monitoring using Smart cradle	Prof. Sarika Davare	IT	2018-19	0.25	12	MRG by UoM	Government
7	Intelligent waste collector	Prof. Ashwini Pansare	Computer	2018-19	0.25	12	MRG by UoM	Government
8	Green Machining	Dr. Vasim A. Shaikh	Production	2017-18	0.30	12	MRG by UoM	Government
9	Smart unmanned vehicles for time critical missions with autonomous system	Dr. Sunil K. Surve	Computer	2017-18	0.46	12	MRG by UoM	Government
10	Smart Wearable for senior citizens using IOT	Prof. Sunil Chaudhari	Computer	2017-18	0.30	12	MRG by UoM	Government
12	Solar Powered Smart Micro Grid for Rural Areas	Prof. Binsy Joseph	Electronics	2017-18	0.25	12	MRG by UoM	Government
13	Smart Air quality monitoring system in Urban Environment	Prof. Sangeeta Parshionkar	Electronics	2017-18	0.20	12	MRG by UoM	Government
11	Rpi – Scope: Effective Tool for Farmers	Prof. Swapnali Makdey	Electronics	2017-18	0.30	12	MRG by UoM	Government
14	Design and Development of Inflatable helmet	Prof. Saurabh Korgaonkar	Production	2016-17	0.25	12	MRG by UoM	Government
15	Caretaker Robot for the Elderly	Dr. Sapna Prabhu	Electronics	2016-17	0.30	12	MRG by UoM	Government
16	Power Prediction and its effective utilization in a green classroom	Prof. Kranti Wagle	Electronics	2016-17	0.30	12	MRG by UoM	Government
17	Implementation and improvement in three dimensional sound localization using reconfigurable device	Dr. D. V. Bhoir	Electronics	2016-17	0.25	12	MRG by UoM	Government
18	Automated waste management	Prof. Dileep Chandra	H & S	2016-17	0.30	12	MRG by UoM	Government
19	Smart green house using Internet of Things	Prof. Dipali Koshti	Computer	2016-17	0.25	12	MRG by UoM	Government
20	Smart children safety system in school bus transport using RFID and android	Prof. Supriya Kamoji	Computer	2016-17	0.20	12	MRG by UoM	Government
21	AI/ML based students attendance management system for automated report generation and analysis using data mining	Prof. Mahendra Mehra	Computer	2016-17	0.27	12	MRG by UoM	Government
22	Home Automation using Artificial Intelligence	Prof. Garima Tripathi	IT	2016-17	0.20	12	MRG by UoM	Government
23	Object Tracking and Positioning system using wifi	Prof. Jay Borade	IT	2016-17	0.20	12	MRG by UoM	Government
24	V2V Communication	Dr. Sunil K. Surve	Institute Level	2016-17		12	IEDC Grant by DST	Government
25	Coconut Husk Remover	Prof. Dileep Chandra	Institute Level	2016-17		12	IEDC Grant by DST	Government
26	Development of Mini Refrigeration Device	Prof. Prasad Kawade	Institute Level	2016-17	8.00	12	IEDC Grant by DST	Government
27	Object detection and recognition from aerial platform	Prof. Dipali Koshti	Institute Level	2016-17		12	IEDC Grant by DST	Government
28	Maize Sheller	Mr. Ajay Koli	Institute Level	2016-17		12	IEDC Grant by DST	Government
29	Energy Audit	Dr. S. D. Dalvi	Production	2015-16	2.00	12	Synergy Consultants	Private
30	Development of machine for FMEA of spring	Dr. Arun B. Rane	Production	2015-16	0.30	12	MRG by UoM	Government
31	Underground water detection	Dr. D. V. Bhoir	Institute Level	2015-16		12	IEDC Grant by DST	Government
32	High speed 3D printer	Prof. Dileep Chandra	Institute Level	2015-16		12	IEDC Grant by DST	Government
33	Autonomous Shopping Robot	Prof. Kranti Wagle	Institute Level	2015-16		12	IEDC Grant by DST	Government
34	Aarogya – Intelligent Multi-Agent Paediatric System	Prof. Swati Ringe	Institute Level	2015-16		12	IEDC Grant by DST	Government
35	Safety Equipment for security of Women	Prof. Mahendra Mehra	Institute Level	2015-16		12	IEDC Grant by DST	Government
36	Development of Joint Ordinate Linear Interpolation	Prof. Ketaki Joshi	Institute Level	2015-16		12	IEDC Grant by DST	Government
37	Solar Tracker	Prof. T. S. Venkatesh	Production	2014-15	0.30	12	MRG by UoM	Government

38	Synthesis and Characterization of some transition metal compounds of N-substituted L-aspartic acid as precursors for Metal Oxide Powders	Dr. Hemant Khanolkar	H & S	2014-15	0.15	12	MRG by UoM	Government
39	PCB Printing Machine	Dr. D. V. Bhoir	Institute Level	2014-15	8.00	12	IEDC Grant by DST	Government
40	Foot pedal charger system for rural area	Prof. Dileep Chandra	Institute Level	2014-15		12	IEDC Grant by DST	Government
41	Eye directive Wheel Chair	Prof. K. Narayanan	Institute Level	2014-15		12	IEDC Grant by DST	Government
42	A crowd sourced Disaster Management Platform for India	Prof. Swati Ringe	Institute Level	2014-15		12	IEDC Grant by DST	Government
43	Floor Sweeping Robot	Dr. Sunil K. Surve	Institute Level	2014-15		12	IEDC Grant by DST	Government