

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

**Research and Projects: EXTC DEPT**

<https://docs.google.com/spreadsheets/d/1I0aY5Lx84H4DmlWhPqgm7E4GlmU2AjwJ/edit#gid=759901885>

<b>Sr. No</b>	<b>Funding Agency</b>	<b>Type of Project</b>	<b>Year</b>	<b>Project Investigator</b>	<b>Co-Project Investigator</b>	<b>Co-Project Investigator</b>	<b>Co-Project Investigator</b>	<b>Department</b>	<b>Title Proposal</b>	<b>Budget (Rs)</b>	<b>Status</b>
1.	IND : Watter Mapper	RESEARCH	2019-20	Prof. Kartik Patel	Dr. K N Patil			EXTC	Water Level Monitoring system development	-	ON
2.	IND : Godavari Bio-Refinery	RESEARCH	2019-20	Prof. Ankit Khivsara	Prof. Rohini Deshpande	Dr. J H Niraml		EXTC	Economically viable system that can predict and detect heart attacks	30000	AP
3.	MU	RESEARCH	2018-19	Dr. J H Nirmal	Prof. Parul Sindhwad			EXTC	Smart IoT Based Pollution Monitoring System Using Deep Learning	48,500	SNA
4.	MU	RESEARCH	2018-19	Prof. Ameya Gawde	Dr R G Karandikar	Dr. K N Patil		EXTC	Microcontroller based online support system for maintenance and monitoring electrical and physical parameters of solar PV panel	87,700	ON

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5.	MU	RESEARCH	2018-19	Prof. Ruchira Jadhav	Prof. Esther J Issac			EXTC	IOT based Library Automation System	67,600	SMA
6.	MU	RESEARCH	2018-19	Prof. Ankit Khivsara	Prof. Rohini Deshpande	Dr. J H Niraml		EXTC	Economically viable system that can predict and detect heart attacks	49,000	SNA
7.	MU	REERACH	2018-19	Prof. Deepak Kulkarni	Prof. Mahesh Warang	Prof. Parul Sindhwad		EXTC	Automated Drip irrigating system for hoe gardening	38,500	ON
8.	MU	RESEARCH	2017-18	Mrs. Savita C. Raut	Mrs. Sharvari P. Deshmane			EXTC	Solar Powered Surviellance System for The Detection of Human Activity In Naxal Prone Areas	86000	CT
9.	MU	RESEARCH	2017-18	Mrs. Vandana J. Satam	Dr. Shikha Nema			EXTC	Design and Development of High Gain Antenna using Advance Techniques for Wireless Communication Systems	90000	SNA

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10.	MU	RESEARCH	2017-18	Dr. R. G. Kandikar	Dr. Kashinath N Patil			EXTC	Fabrication of PV Solar Panel Testing Device for Replacement	87700	SNA
11.	MU	RESEARCH	2016-17	Swati Mahajan	Dr. Kashinath N Patil			EXTC	Design and development of solar PV panel soiling station and evaluation of soiling losses	1,25,000	CT
12.	MU	RESEARCH	2016-17	Dr. Ameya Naik				EXTC	Dietary Assessment using Medical Imaging and Pattern Recognition Techniques	74,090	CT
13.	MU	RESEARCH	2016-17	Mr. Sandeep R. Sainkar	Deepak Kulkarni			EXTC	Design and Development of active & passive devices for Enhancement of Antenna & Microwave laboratory facility	72,000	CT

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14.	MU	RESEARCH	2012-13	Nitin Nagori				EXTC		2000	CT
15.	MU	RESEARCH	2012-13	Ameya Naik				EXTC		25000	CT
16.	KJSCE	RESEARCH	2009-10	Deepak Kulkarni				EXTC	Object recognition and tracking robot	20000	CT