

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

**Research and Projects: HAS DEPT**

[https://docs.google.com/spreadsheets/d/1I0aY5Lx84H4DmlWhPqgm7E4Glmu2A\\_jwJ/edit#gid=759901885](https://docs.google.com/spreadsheets/d/1I0aY5Lx84H4DmlWhPqgm7E4Glmu2A_jwJ/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 :Godavari Bio-Refinery	RESEARCH	2019- 20	Dr. Jitendra Satam	Dr K N Patil			HSS	Conversion of sugarcane bagasse to activated carbon and study of its applications in effluent water purification for the removal of different organic pollutants	170000	AP
2.	MU	RESEARCH	2018- 19	Prof. Rachana Desai				HSS	Extended Generalized Wright Type Hypergeometric Function	70,000	ON

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3.	MU	RESEARCH	2018-19	Prof. Archana S Sharma				HSS	Surface engineering of semiconductor Nanostructures to control their optical and Magnetic properties	71,000	SNA
4.	MU	RESEARCH	2018-19	Dr. Jitendra Satam	Dr. Pushpendra Rai			HSS	Bio-catalyzed abatement of organic chlorophenols in effluent wastewater	85,000	ON
5.	MU	RESEARCH	2018-19	Dr. Pushpendra Rai	Dr. Jitendra Satam			HSS	Ultrasound assisted enzymatic degradation of organic dyes in industrial wastewater	95,000	SNA

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6.	MMR-EIS	RESEARCH	2018-19	Prof. Pranoti Chinmay Joshi - Khanolkar				HSS	Development of experiential learning manual for the "Environmental studies and awareness" educators	602100	AP
7.	MU	RESEARCH	2017-18	Dr. Santosh A. Mani				HSS	Thermal And Optical Characterization Of Quantum Dots Dispersed In Liquid Crystal System	93500	CT
8.	MU	RESEARCH	2017-18	Dr. Archana S. Sharma				HSS	Development Of Novel Semiconductor Oxide Nanostructures For Gas Sensor Applications	100000	SNA

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9.	MU	RESEARCH	2017-18	Dr. Kanak Lata Tiwari				HSS	Lack of communication skills and non-proficiency in English results in un-employability of Engineers	55000	SNA
10.	KJSCE	RESEARCH	2017-18	Dr. Jitendra Satam				HSS	Soft water production process	3000	CT
11.	MU	RESEARCH	2016-17	Dr. J. R. Satam				HSS	Development of Magnetic Nano-catalysts for the Photo-degradation of Organo-chlorine and Organo-phosphorus Pesticides	1,10,000	CT

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12.	MU	RESEARCH	2016-17	Dr. Druman Ramesh Utekar				HSS	Synthesis of hydrazone based dibenzo-crown ether dye and study of its colorochromic properties with and without cation binding	95,000	CT
13.	UGC	RESEARCH	2015-16	Dr Jitendra Satam				HSS	Development of magnetically separable nano-catalysts for the synthesis of medicinally important organic intermediates	355000	SNA
14.	MU	RESEARCH	2015-16	Pushpendra Rai				HSS		30000	CT