



**SHRI VILEPARLE KELAVANI MANDAL'S  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**

Approved by AICTE and Affiliated to the University of Mumbai



Institute Name :- Dwarkadas J. Sanghvi College of Engineering
Discipline :- Engineering
<b>Parameter:- 2D (Details of Sponsored Research)</b>

Department name	Financial year	Title of the sponsored project	Name of the Faculty members involved	Name of the Students involved if any	Funding agency name	Amount received in Rupees
<b>CHEMICAL ENGINEERING</b>	2016-17	BESTR-road map to urban transport modeling	Dr. V. Ramesh	NA	University of Mumbai	12,500
		Separation of silica and alumina from fly ash	Dr. A. N Tamaskar			10,000
		Separation of metal from e-waste	Dr. Rashmi Kumar			17,500
<b>BIOMEDICAL ENGINEERING</b>	2015-16	Immunohaematology System	Prof. Mrunal Rane	Antara Dandekar, Samikha Save, Sddhi Bhandarkar, Milpranika Desai	Birac Sristi	50,000
		Immunohaematology System	Prof. Mrunal Rane	Antara Dandekar, Samikha Save, Sddhi Bhandarkar, Milpranika Desai	Vighneshwar Enterprises	16,000
	2016-17	MEMS based Drug Delivery System using Polymer Microneedles	Dr. Vaibhavi Sonehta	Poorvi Agarwal, Bhavya Mehta, Smeet Doshi, Riddhima Kumar	Tata Consultancy Services	20,000
		MEMS based Drug Delivery System using Polymer Microneedles	Dr. Vaibhavi Sonehta	Poorvi Agarwal, Bhavya Mehta, Smeet Doshi, Riddhima Kumar	University of Mumbai	25,000
		Anti -Tremor Gloves	Dr. Manali Godse	Rakesh Patel	NMIMS	1,00,000
<b>COMPUTER ENGINEERING</b>	2014-15	Reducing Ambulance Response Time Using CEP	Prof. (Mrs.) Chetashri S. Bhadane	Pragnya B., Jheel D., Purna Mehta	Tata Consultancy Services	20,000
	2015-16	Clustering Based Approach for Increase Network Lifetime for WSN	Dr. Narendra Shekokar	Abhay Gupta	University of Mumbai	20,000
	2016-17	Mobile Reader for Visually Impaired	Prof. Khushali Deulkar	Harsh Mehta, Mandar K., Nishi Jain	University of Mumbai	4,500



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<b>ELECTRONICS ENGINEERING</b>	2014-15	Projects based on Mbed NXP LPC 17U68 Kit & CY8CKIT-042 PSoC 4 pioneer kit	Dr. Prasad Joshi	NA	ARM University Program	18,900
		Projects based on Intel Galileo Gen 2 IoT ready development platform	Dr. Prasad Joshi	NA	Intel	1,20,000
		Projects based on MSO-EXP 430FR5969 evaluation kit & Beagle Bone BK	Dr. Prasad Joshi	NA	Texas Instruments	52,750
		Projects based on silicon lab gekkko kits	Dr. Prasad Joshi	NA	silicon labs	22,500
		Projects based on Firebird V ATmega 2560	Prof. Mayur Parulekar	NA	Nex Robotics	16,000
	2015-16	Projects based on FRDM-KL25z freescale freedom board & ARM Centre of Excellence	Dr. Prasad Joshi	NA	ARM University Program	2,35,000
	2016-17	Project based on TMS320C6xxx DSP Platform	Dr. Prasad Joshi	NA	Texas Instruments	41,630
		Ayurveda, based objective analysis and interpretation of radial pulse signal for diagnosis and validation by controlled experiments	Dr. Prasad Joshi	NA	University of Mumbai	14,000
		Design & Development of Embedded HPC Platform	Prof. C.K Beral	NA	University of Mumbai	12,500
<b>ELECTRONICS &amp; TELE-COMMUNICATION</b>	2016-17	Adaptive Aerodynamics CAN protocol and Linear Regression	Dr. Amit A. Deshmukh	Jubin Antony Brinal Bheda Harsh Chaudhary	University of Mumbai	10,000
		Design Development Robust 3 phase controller for electric vehicles	Prof. T. D. Biradar	NA	University of Mumbai	12,500
		Construction of Surveillance robot using SLAM	Prof. (Mrs). Vishaka V. Kelkar	Yash Parekh, Ashish Iyer, Harsh Mehta	University of Mumbai	5,000
		Robot chef using Convolutional Neural Network	Prof. (Mrs.) Poonam Kadam	Roma Jain Sameer Kadam Jenita Jaykumar	University of Mumbai	17,500
		Soil Based data Acquisition system and Weather forecasting	Prof. Mr. S. B. Deshmukh	Shreysh Dhavale, Suraj Iyer, Nirav Gori, Prathamesh Matodkar	University of Mumbai	10,000
		Safe and Secure Self Park car using Artificial Intelligence	Prof. (Mrs.) Anuja Odhekar	Dipesh Adekar Ameya Bane Jhanvi Bhanushali	University of Mumbai	5,000



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<b>PRODUCTION &amp; MECHANICAL ENGINEERING</b>	2014-15	Design and development of All-terrain vehicle	Prof. S. H. Mane and Prof. Rajnarayan Yadav	Varun Kadakia, Vrushabh Dharod, Sujit Sinha, Gaurav Rathod	EDU Destinations	80,000	
	2015-16	Design and development of All-terrain vehicle	Prof. S. H. Mane and Prof. Rajnarayan Yadav	Vishal Shanbag, Shridhar Shenoy	Ideal Credence	1,00,000	
		Green Supply Chain Management in Logistics	Prof E.Narayanan	Chinmay Naik	Akar Realty	50,000	
	2016-17	Grey Relation Analysis for Minimizing Surface roughness of Milled G11 GFRP Plates	Dr. Hari Vasudevan and Prof. Ramesh Rajguru	NA	Tata Consultancy Services	20,000	
		Multiobjective optimization of roughness parameters during turning of GFRP Epoxy Composite Material	Mr. N C. Deshpande	NA	Mumbai University	45,000	
		Design and Development of Coconut Tree Climbing and Harvesting Robot	Dr. Atul Dhale	NA	Mumbai University	30,000	
		Integrating Creativity Skills With Product Development	Mr. R S Khavekar	NA	Mumbai University	30,000	
		Design and development of Formula Student Racing car	Dr. Hari Vasudevan	Umang Lakhni, Nandip Desai, Saneep Jain, Asim Rahimatpure	GIC RE	6,00,000	
		Design and development of Formula Student Racing car	Dr. Hari Vasudevan	Umang Lakhni, Nandip Desai, Saneep Jain, Asim Rahimatpure	Impact Guru	4,23,000	
		Design and development of Go-Kart Vehicle	Dr. Hari Vasudevan	Shreyans Sethia, Harshraj S., Jay S., Viren M.	Shankara Infrastructure Materials Ltd	50,000	
		Design and development of Go-Kart Vehicle	Dr. Hari Vasudevan	Shreyans Sethia, Harshraj S., Jay S., Viren M.	Endeavour Carrers Pvt Ltd	28,000	
	<b>INFORMATION TECHNOLOGY</b>	2015-16	BeaconifyMe	Prof. Neepa Shah	Kakshil Shah, Darshika Joshi, Devansh Doshi, Nidhi Vora	University of Mumbai Minor Research Grant (Project ID: 361)	25,000