

## MIT College of Engineering, PUNE

Sponsored Research Projects									
2D.FPPP	S.No.	Financial	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date	Amount Received(In Rupees)	Amount received (in words)
<b>Computer</b>									
	<b>1</b>	<b>2015-16</b>	1 Jayshree Ghorpade	BCUD	Captcha As Graphical Passwords (CARP): A New Initiative for Password Security	15ENG001699	NIL	260000	Two lacs sixty thousand only
			2 Amit Savyanavar	BCUD	Detection of cardiac health condition of patients using mobile adhoc computational network	15ENG001593	NIL	300000	Thress lacs only
			3 Prof.Sumitra Pundlik	BCUD	Sentiment extraction and analysis of various stakeholders feedback for Teaching Learning Process Improvement.	15ENG000100	NIL	671256	Six lacs seventy one thousand two hundred fifty six only
			4 Rekha S	BCUD	Learning Disability Monitor	15ENG001520	NIL	250000	Two lacs fifty thousand only
			5 Anita Thengade	BCUD	Recognition of gait Disorder and Assessment to Rehabilitation Program	15ENG002397	NIL	260000	Two lacs Sixty thousand only
			6 Shiv S	BCUD	Enhancing the Detection Algorithm of Natural Calamities by using Priority based Early Detection and Congestion Avoidance Method using Wireless Sensor Network	15ENG001663	NIL	300000	Three Lacs Only
			7 Sushila P	BCUD	Automated Electricity Management System	15ENG002018	NIL	266000	Two lacs Sixty Six thousand only
			8 Hanumant P	BCUD	Emergency information Communcation based on conrolled and targetde GPS location for fast and effective responce	15ENG001478	NIL	240000	Two lacs forty thousand only
			9 Sambhaji Sarode	BCUD	Implementaion of Reliable IoT enebled Drip Irrigation System	15ENG001311	NIL	290000	Two lacs ninty thousand only
			10 Prof. R K Bedi (HOD)	MIT TBI Pune	Software Development	MITTBI/2015	10-05-2016	500000	Five Lakh Only
	<b>2</b>	<b>2014-15</b>	1 Sharmishta Desai	BCUD	DE with Multiple kernel SVM for Object classification	Fin/Bill/2015-16/42	NIL	50,000	Fifty thousand only
			2 Prashant S Lahane	BCUD	Intelligent human stress analysis based on kernel density estimation over streaming data.	Fin/Bill/2015-16/42	NIL	35000	Thirty five Thousand only
	<b>3</b>	<b>2013-14</b>	1 Reena Pagare	BCUD	Automated Classification of Botanical Herbs for Ayurveda	13ENG001455	NIL	130,000	One lac thiry thousand only
			2 Sukhada Bhingarkar	BCUD	Elastic Resource Scaling & Load Balancer for online shopping using cloud computing	13ENG001885	NIL	129,436	One lac twenty nine thousand four hundred thirty six only
			3 Deepali Javale	BCUD	An Embedded system Using Arm9 Processor for Wireless Image Transmission with Packet Payload Variation for Disaster Management System	13ENG001554	NIL	105,000	One lac five thousand only
<b>IT</b>									
	1	2015-16	Prof. Anil Hiwale (HOD)	MIT TBI Pune	Software Development	MITTBI/2015	10-05-2016	500000	Five Lakh Only
	2	2014-15	Mrs. D.N.Wategaonkar	Savitribai Phule	Sectoring approach for separation of sensor nodes in various sectors to achieve reliability	OSD/BCUD/360/73	27-01-2013	51127	Fifty One Thousand One Hundred Twenty Seven
	3	2013-14	Mrs. D.N.Wategaonkar	Savitribai Phule	Sectoring approach for separation of sensor nodes in various sectors to achieve reliability	OSD/BCUD/360/73	27-01-2013	115,000	One Lakh Fifteen Thousand
<b>ENTC</b>									
			Prof.Dr.V.V.Shete	BCUD	To design and develop active ankle foot Orthosis	15ENG001408		Applied for Rs. 3,00,000/-	Three Lakhs
			Prof.Dr.M.S.Nagmode	BCUD	Suspicious object/activity detection in video to avoid unpleasant and destructive events	15ENG000404		Applied for Rs. 3,95,762/-	Three Lakhs, Ninety five thousand, seven hundred sixty two

			Prof. Dr. M. T. Kolte	BCUD	Signal Processing techniques implementation with Digital Hearing Aid for Sensorineural Hearing Impaired	15ENG001014		Applied for Rs. 2,85,000/-	Two Laks, Eighty Five Thousand
			Prof. Dr. M. T. Kolte	MSJE	Smartphone based Hearing Impairment (HIA)-App			Applied for Rs. 12,00,000/-	Twelve Lakhs
	1	2015-16	Prof.P. P. Gundewar	BCUD	Cognitive Assessment System for Teaching Learning Environment	15ENG002591		Applied for Rs. 2,95,000/-	Two Laks, Ninety Five Thousand
			Prof.A.R. Askhedkar &Prof.K.S	BCUD	Development of system for Dental Check-up at home	15ENG002140		Applied for Rs. 3,20,000/-	Three Lakhs, Twenty Thousand
			Prof.N. M. Pradhan	BCUD	Smart Shopping Cart using Software Defined Radio	15ENG002410		Applied for Rs. 2,85,000/-	
			Prof. Jyoti Lele	BCUD	3D Face Recognition	15ENG001992	10th August	1,40,000	One Lac Fourty Thousand Only
			Prof.R. Y. Mali	BCUD	Solar Based Hybrid Grid System for residential homes with Battery Optimization	15ENG001902	10th August	1,40,000	One Lac Fourty Thousand Only
			Prof. Virendra Shete (HOD)	MIT TBI Pune	Research Project in ENTC Development	MITTBI/2015	10-05-2016	500000	Five Lakh Only
			Prof.M.N. Annadate	BCUD	Detecting Region of Interest for Medical Diagnostics in Ultrasound Video of Fetus	15ENG001858		Applied for Rs. 3,50,000/-	
			Prof.Dr.K.K.Warhade	Dept. of Health	Design and development of affordable system for Rheumatoid arthrities detection using thermal imaging			20,00,000/- ID:2015-0438 Proposal Accepted & recommended Ref-icmr @ cdac.in March 26,2015. Final proposal submitted in Aug 2015	
			Prof.Dr.K.K.Warhade	Rajiv Gandhi Science and Technology commission	Design and development of electronically controlled low cost seed sowing machine for farmers			Applied for Rs. 20,00,000/-	
			Prof.Dr.M.S.Nagmode	Indian Council of Medical Research	Ultrasound Video Quality Enhancement and Detecting Region of Interest in Fetal organs for Medical Diagnostics using Segmentation and Classification			Applied for Rs. 21,75,000/-	
	2	2014-15	Prof S. B. Somani	Indian Council of Medical Research	Brain Computer Interface: A Proposal to Assess the Impacts of Engineering And Medical Applications	ID No : 2015-0578		Applied for Rs. -13,00,000/-	
			Prof.P. P. Gundewar	Indian Council of Medical Research	Cognitive Assessment System for Teaching Learning Environment	ID No : 2015-0879		Applied for Rs. 12,50,000/-	
			Prof.K.S. Bapat	Rajiv Gandhi Science and Technology commission	Dental Checkup in your hand			Applied for Rs. 10,00,000/-	
			Prof.K.S. Bapat	Rajiv Gandhi Science and Technology commission	Wet Garbage Disposal			Applied for Rs. 56,00,000/-	

			Prof. Dr. M. T. Kolte	AICTE	Modernization of VLSI and Signal processing lab for promoting Advanced Teaching and Research			Applied for Rs. 19,00,000/-	
			Prof.Dr.M.S.Nagmode	AICTE	Robust Approach for suspicious object detection and identification to avoid unpleasant and destructive events			Applied for Rs. 24,71,500/-	
	3	2013-14	Prof.Dr.K.K.Warhade	Rajiv Gandhi Science and Technology Commission RGSTC/File2014/PAC/CR-54	Design and Development of easily portable Electronic detection system for monitoring field soil nutrients			45,00,000/- Final Presentation in front of Project Appraisal Committee on 8th Jan is over. Waiting for fund	
			Prof S. B. Somani	AICTE	Design and Development of Brain computer Interface for Engineering Applications			Applied for Rs. 24,96,000/-	
<b>MECH</b>									
			Prof. Dr. R. J. Yadav Prof. S. B. Girase	SPPU	Experimental and numerical analysis of heat transfer in tubes on laminar convective heat transfer of magnetic Nanofluids along with different combinations of tape inserts	15ENG00856	24-06-2016	240,000	Two lakh forty thousand
	1	2015-16	Prof. S. H. Barhatte Prof. N. T. Dhokane	SPPU	Boiling Heat Transfer Enhancement Using Nanofluids of Different Concentration in Heat Pipe	15ENG0000361	18-06-2015	190,000	One lakh ninty thousand
			Prof. S. P. Shisode Prof. V. S. Kanthale	SPPU	Analysis and optimization of parameter of magnetorheological abrasive flow finishing process	15ENG001032	24-06-2015	200,000	Two lakh
			Prof. Dr. B. S. Kothavale	DSIR	Solar Multipurpose for hawkers			199,500	One lakh nonty none thousand five hundred onl
			Prof. Shivprakash Barve (HOD)	MIT TBI Pune	Research Project funding for design in heat power Development	MITTBI/2015	10-05-2016	500000	Five Lakh Only
	2	2014-15	1 Prof. Dr. S.B. Barve	ARDE (DRDO)	Development and delivery of aero-elasticity software of spinning projectiles	ARMREB/ADMB/201	07-04-2014	2,490,000	Twenty Four Lakh and ninty thousands only
			1. Prof. M. R. Chopade	SPPU	Experimental Analysis and Investigation for Thermal Behavior of Ventilated Disc Brake rotor using CFD	1817/MUM/2015 A	29-05-2015	170,000	One lakh seventy thousands only
	3	2013-14	2 Prof. Ajit Joshi/ Prof. S. V. Di	SPPU	Investigation of natural and forced convection HT enhancement in rectangular plate thin arrays on vertical base with thin film	CCO/1752	02-09-2011	170,000	One lakh seventy thousands only
			3 Prof. Dr. B. S. Kothavale	MODROBS	Multichannel FFT Analyzer	12/AICTE/RIFD/MO	23-07-2013	1,500,000	Fifteen Lakh only
<b>MBA</b>									
			1. Pradnya Meshram	ICSSR	A critical study on the opportunities & challenges faced by nationalized and private banks for sustainable development through financial inclusion with reference to Pune region	02/112/2015-16	2015-16	5,00,00	Five Lakh
	1	2015-16	2. Ganesh Tannu	ICSSR	Critical study of oppertunities and challenges faced by dumb and hearing impaired schools in the state of maharashtra	2015-16/42	2015-16	600,000	Six Lakh







