

### Externally Funded Projects (Completed)

S.N.	Faculty Name	Project Title	Name of Department	Amount (in Lacs)	Scheme	Duration
1	Prof. P.V. Walke	Development and Catalytic Convector for I.C.Engine	Mechanical	7.25 Lacs	AICTE MODROBS	2002-03 - 2004-05
2	Dr. S.G. Tarnekar Prof. K.B. Porate	To consolidate testing Facilities in high Voltage Engineering	Electrical	12 Lacs	AICTE MODROBS	2002-03 - 2004-05
3	Dr. S.G. Tarnekar Prof. S.B. Bodkhe	Electrical drives Laboratory	Electrical	9.5 Lacs	AICTE MODROBS	2002-03 - 2004-05
4	Dr. V.K. Chandrakar Prof. K.D. Joshi	Exploring the benefits of co-ordination between controllable component in Electrical power system transmission	Electrical	10 Lacs	AICTE RPS	2002-03- 2004-05
5	Prof L G Malik	Recognition of Handwritten Devanagari manuscript	Computer Sci & Engg.	7.5 lacs	AICTE RPS	2007-08- 2010
6	Prof K N Hande	Up-gradation of Existing Computer Network Laboratory	Computer Science & Engineering	4 lacs	AICTE MODROBS	2008-09
7	Dr. V.K. Chandrakar Prof. K.D. Joshi	Augmentation Of Facts Laboratory	Electrical Engineering	7.00 Lacs	AICTE MODROBS	2007-08
8	Prof. M. M. Khanapurkar	Industry Institute Partnership Cell	Electronics & Telecomm Engineering	6.50 Lacs	AICTE IIPC	2009-10

9	Prof. P.S. Kadu	Design And Development Of Hydraulically Driven Fire Fighting Water Monitor Trailer	Mechanical Engineering	4.80 Lacs	AICTE RPS	2007-08
10	Dr. V.K. Chandrakar Prof. H.S. Dalvi	Stabilization Of Grid Connected Wind Generator By Statcom	Electrical Engineering	10.59 Lacs	AICTE RPS	2007-08
11	Prof. S.S. Dorle	Computational Capacity of Vehicular Adhoc Networks	Electronics Engineering	8.75 Lacs	AICTE RPS	2008-09
12	Prof. U.S. Wankhede	Heat Transfer in Sound assisted fluidized Bed	Mechanical Engineering	8.80 Lacs	AICTE RPS	2008-09
13	Dr. S. R. Vaishnav & Prof P. P. Jagtap	To Develop Automated Power Distribution Laboratory	Electrical Engineering	10.00 Lacs	AICTE MODROBS	2008-09 recd in 2009-10 on 11/10/10
14	Prof. N.P.Awate	Manually operated Low cost Harvesting Machine	Mechanical Engineering	1 Lac	IEI-R&D Grant 2010-11	2010-11
15	Prof.N.P.Awate	Cotton boll picking and pesticide spraying mechanism	Mechanical Engineering	0.75 Lac	IEI-R&D Grant 2010-11	2010-11
16	Dr. P. R. Bajaj	Innovation and Entrepreneurship Development Centre	All departments	45.85 Lacs	DST IEDC	2010-2015
17	Dr.L.G.Malik	Designing Of Data Mining Techniques for Data generation & Analysis for Digital Forensic Application	Computer Science & Engineering	8.00 Lacs	AICTE-RPS	2011-14
18	Dr.A.Y. Deshmukh	Design of Electronic system for Measurement of Velocity of detonation of bulk explosive	Electronics Engg	7.37 lacs	AICTE-RPS	2011-14

19	Dr. Latesh Malik	Upgradation of Existing Wireless Network Simulation Lab	Computer Science & Engineering	5.00 Lacs	AICTE-MODROBS	2012-15
20	R.P.Rajderkar	Application of Power Electronics Based Drives	Electrical Engineering	6.00 Lacs	AICTE-MODROBS	2012-15
21	Mr.N.P.Awate	Effect of uncertain parameters on vibration characteristics and behaviours structures	Mechanical Engineering	10.5 Lacs	AICTE-RPS	2012-15
					191.19 Lacs	

#### Externally Funded Projects (Ongoing)

S.N.	Faculty Name	Project Title	Name of Department	Amount (in Lacs)	Scheme	Duration
1	Prof. R. S. Shelke	Development and Testing of Dye Sensitized Solar Cells	Mechanical Engineering	20.00 Lacs	AICTE-RPS	2012-15
2	Dr. M. M. Khanapurkar	Comparative Performance of VHDL-FPGA Implementation & Matlab Algorithm for Image Denosing Using Wavelet	Electronics & Telecommunications	9.06 Lacs	AICTE-RPS	2012-15
3	Mr Manish Pasarkar Dr S B Jaju	Condition monitoring of eccentric shaft used in machinery	Mechanical Engineering	13.40 Lacs	AICTE-RPS	2012-15
4	Dr. Santosh Jaju	Optimum Design of Robot using Workspace Simulation Technique	Mechanical Engineering	8.40 Lacs	AICTE-RPS	2012-15

5	Mr. Sachin Karale	Thermal Analysis of Energy Storage Systems in Federal Facilities	Mechanical Engineering	7.10 Lacs	AICTE-RPS	2012-15
6	Dr. Ashish Deoghare	Prediction of Mechanical Behavior of Materials Subjected to Fatigue Load	Mechanical Engineering	18.30 Lacs	AICTE-RPS	2012-15
7	Mr. Atul Deshmukh	Modernization of Digital Signal Processing Laboratory	Electronics & Telecommunications	5.60 Lacs	AICTE-MODROBS	2012-15
8	Mr.P.P.Jagtap	To investigate role of unified power flow controller for damping power system oscillations in multimachine system	Electrical Engineering	12.00 Lacs	AICTE-RPS	2013-16
9	Prof. S.A. Chabria	To develop multipurpose human computer interaction based system for physically disabled persons	Information Technology	11.29 Lacs	AICTE-RPS	2013-16
10	Prof. V. N. Bhusari	Synthesis and application of Mesoporous adsorbent for the removal of chromium from water	Chemistry	1.7Lacs	UGC Minor Research Project	2014-2016
				106.83 Lacs		

### International Travel Grant

<b>Sr. No</b>	<b>Name of The Department</b>	<b>Name of Conference, dates, Venue</b>	<b>Name of the Faculty Member Involved</b>	<b>Amount</b>	<b>Agency</b>
1	Department of Electronics	International Conference ICIT-08 at Chengdu China	Prof. M.M. Khanapurkar	0.29 Lacs	AICTE
2	Department of Information Technology	IEEE International Conference on Cognitive Informatics 2008 at Stanford University, USA	Prof. Mrs. A.R. Mahajan	1.13 Lacs	AICTE
3	Department of Information Technology	IEEE International Conference on CIS 2004 at NTU, Singapore	Prof. Mrs. A.R. Mahajan	0.54 Lacs	AICTE
4	Department of Mechanical Engineering	International Association of Engineers World Congress on Engineering 2009 London, UK	Prof. S.S. Uttarwar	0.79 Lacs	AICTE
5	Department of Electrical Engg	AUPEC-05, International Conference Brisbane, Australia.	Prof. S.B. Bodkhe	0.64 Lacs	AICTE
6	Department of Electronics	IEEE International Conference on ITSC-2004 at Washington, USA	Dr. P.R. Bajaj	0.30 Lacs	AICTE

7	Department of Computer Science & Engg.	IFIP 6 <sup>th</sup> International Conference on Intelligent Information Processing (IIP2010) October. 13-16, 2010 Manchester, UK	Ms. Urmila Shrawankar	0.78 Lacs	DST
8	Department of Computer Science & Engg.	8 <sup>th</sup> International Conference of Computer Science and Engineering, 26-28 April 2013, Sri Lanka	Mrs Swapnili P. Karmore	0.48 Lacs	UGC