

G.H. RAISONI COLLEGE OF ENGINEERING
(An Autonomous Institute under UGC Act 1956 &
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)
CRPF Gate No.3, Digdoh Hills, Hingna Road, Nagpur-16.

Externally Funded Projects (Completed)

S.N.	Faculty Name	Project Title	Name of Department	Amount	Scheme	Duration
1	Prof. P.V. Walke	Development and Catalytic Convector for I.C.Engine	Mechanical Engineering	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 Engineering	12 Lacs	AICTE MODROBS	2002-03 - 2004-05
3	Dr. S.G. Tarnekar Prof. S.B. Bodkhe	Electrical drives Laboratory	Electrical Engineering	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 Engineering	10 Lacs	AICTE RPS	2002-03- 2004-05
5	Prof L G Malik	Recognition of Handwritten Devanagari manuscript	Computer Science & Engineering	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 Lacs	AICTE MODROBS	2007-08
8	Prof. M. M. Khanapurkar	Industry Institute Partnership Cell	Electronics & Telecommunication 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	4.8 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

S.N.	Faculty Name	Project Title	Name of Department	Amount	Scheme	Duration
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 Engineering	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
22	Dr. V.N. Baiswar	Prediction of Mechanical Behavior of Materials Subjected to Fatigue Load	Mechanical Engineering	18.30 Lacs	AICTE-RPS	2012-15

Externally Funded Projects (Ongoing)

S.N	Faculty Name	Project Title	Name of Department	Amount	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 & Telecommunication Engineering	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

S.N.	Faculty Name	Project Title	Name of Department	Amount	Scheme	Duration
5	Mr. Sachin Karale	Thermal Analysis of Energy Storage Systems in Federal Facilities	Mechanical Engineering	7.10 Lacs	AICTE-RPS	2012-15
6	Mr. Atul Deshmukh	Modernization of Digital Signal Processing Laboratory	Electronics & Telecommunication Engineering	5.60 Lacs	AICTE-MODROBS	2012-15
7	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
8	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
9	Prof. V. N. Bhusari	Synthesis and application of Mesoporous adsorbent for the removal of chromium from water	Chemistry	1.7 Lacs	UGC Minor Research Project	2014-2016
10	Dr. Urmila Shrawankar	Multilingual Number Interpreter	Computer Science & Engineering	3.0 Lacs	UGC Minor Research Project	2016-2018
11	Prof. Apeksha Sakhare	CoDe Modeling for data visualization using S-OLAP	Computer Science & Engineering	3.05 Lacs	UGC Minor Research Project	2016-2018
12	Dr. P.V. Walke	Development & Performance Evaluation of Forced Convection Desiccant Bed Solar Dryer Integrated With Sensible Heat Storage Material.	Mechanical Engineering	2.1 Lacs	UGC Minor Research Project	2016-2018
13	Prof. P. P. Shingare	Experimental investigation on improvement of convective heat transfer in a circular tube using Nanofluids with inserts	Mechanical Engineering	3.1 Lacs	UGC Minor Research Project	2016-2018
14	Prof. A. D. Pitale	Development and Experimentation on Solar Adsorption Desalination and Cooling System.	Mechanical Engineering	2.15 Lacs	UGC Minor Research Project	2016-2018
15	Prof. N. P. Awate	Design & Development of Garlic peeler machine	Mechanical Engineering	2.55 Lacs	UGC Minor Research Project	2016-2018
16	Prof. Ankur Gupta	Smart Train	Electrical Engineering	US \$500	IEEE-AIYEHUM	2016-17
17	Prof.R.T.Bankar	Fruit counting machine	Electronics Engineering	1 Lac	BIRAC GYTI 2016	2016-17