

## G.H.Raisoni College of Engineering, Nagpur

(An autonomous institute under UGC Act 1956 affiliated to Rashtrasanta Tukadoji Maharaj Nagpur University, Nagpur)

### Implementation of the Innovation and Entrepreneurship Development Cell (IEDC) project of DST.

IEDC is a prestigious grant from DST, Govt. of India, aimed at promotion of innovation and entrepreneurship. Every year five undergraduate projects are supported under this scheme. Special emphasis is given on projects with commercial viability. Following is the list of IEDC projects till date. Each project was supported with Rs. 1 Lakh which includes honorarium and cost of development.

S.N.	Dept.	Title of Project	Session
1	ETRX	Design of Automatic Awala Seed Removal System	2013-14
2	ETC	Industrial /Home Automation Using Transformation Robot	2013-14
3	Mechanical	Design and Fabrication of Groundnut Extracting Machine	2013-14
4	Mechanical	Design , Development and Fabrication of Tree Transplanter	2013-14
5	Mechanical	Design and Fabrication of Bricks Handling System	2013-14
6	ETRX	Design and Implementation of EEG System & Mind Control Application	2012-13
7	ETC, EE & Mech	Modified Design and Implementation of Electric bike	2012-13
8	Civil	GPS Assisted Surveying System	2012-13
9	Mechanical	Design and Fabrication of Road De-dusting System for four Wheeler	2012-13
10	Mechanical	Production and Fabrication of Algae-Breeding Extraction system	2012-13
11	ETRX	Design of Intelligent Driver Assistance System.	2011-12
12	ETRX	Intelligent Agent System for Humanoid Interaction through Artificial Emotion.	2011-12
13	ETC	Trixbos Based Private Branch Exchange (IPPBX) System.	2011-12
14	Electrical	Wind Powered Electric Car.	2011-12
15	Computer Science	Circuit Extraction And Testing From Pre-Built PCB.	2011-12
16	Mechanical	Development And Modification Of Workstation For Rural Black Smithy.	2010-11

17	Mechanical	Development Of Dye Sensitized Solar Cell Using Different Electrolytes.	2010-11
18	Civil	Defluoridation From Ground Water By Low Cost Adsorbent.	2010-11
19	Electrical	Operating Norms And Application Of Super Capacitor.	2010-11
20	Computer Science.	Devnagri Sign Language Recognition Using Statistical Template Matching.	2010-11
21	ETRX	Railway wagon weighing scale & axle temperature monitoring system.	2009-10
22	Electrical	Performance augmentation of Electrical automobiles using Super capacitors.	2009-10
23	Mechanical	Design and fabrication of safe and economical car seat suspension system.	2009-10
24	Mechanical	Design & Development of Multi-utility Refrigeration System.	2009-10
25	ETC	Navigation System for Visually impaired People.	2009-10