

Government of Karnataka
Vision Group on Science and Technology
Department of Information Technology, Biotechnology and Science & Technology

LIST OF SELECTED - PROPOSALS
TECHNOLOGY RELATED INNOVATIVE PROJECTS (TRIP)
(FY 2014 -15)

Sl. No.	Name of the College & Place	Name of the Student	Project Title
1	ACS College of Engineering, Bangalore	1) Bharathesh B. H. 2) Basavaraja K. R.	Design, Development and Experimental evaluation of V-trough solar air heater with thermal storage for drying applications
2	C. Byre Gowda Institute of Technology, Kolar	1) Syeda Ayesha Siddiqua 2) Zaiba Farheen	Android Based Pulse and Heart Meter for Rural Population with an Economical Hardware
3	NMAM Institute of Technology, Nitte	1) Anju Mariam Prasad 2) Harshakiran T. S.	Development of Immobilized Bioreactor for Cellulase Production
4	Kalpataru Institute of Technology, Tiptur	3) Manjunath B. Kempar	Development of Autopilot for Micro Aerial Vehicle using STM32 Micro Controller
5	Visvesvaraya Technological University, Post Graduation Centre, Mysore	1) Dharmesh Kumar N. B.	Performance, Combustion and Emission Characteristics of a Direct Injection Diesel Engine with Animal Fat Methyl Ester and its Diesel and Kerosene Oil Blends
6	Sapthagiri College of Engineering, Bangalore	1) Madhuri 2) Rakshitha H. S.	Effect of Green Synthesized Copper nanoparticles on Lycopersicon Esculentum: A study involving the antioxidant defense related enzymes
7	Sai Vidya Institute of Technology, Bangalore	1) Shivakumar Sharma Y. 2) A. V. Vidhya Shree	A Novel Design and Development of an Affordable Thermo Gravimetric Analyzer
8	Manipal Institute of Technology, Manipal University, Manipal	1) Partha Doshi 2) Prateek Umesh Kulkarni	Effective utilization of lignin from termite frass for anti-rust coatings
9	Sambhram Institute of Technology, Bangalore	1) Dilip Kumar Bhat B. V. 2) Adithya Magundi N.	Solar Chimney-Power Generation
10	HKBK College of Engineering, Bangalore	3) Rahul Raj 4) Bharath Shankar	E-floorboards [Energy generating floors to harvest electricity]
11	KLE DR. M.S. Sheshagiri College of Engineering & Technology, Belgaum	1) Vaishali D. Warde 2) Tejaswini D. Manavi	Wheelchair Movement using Eye Tracking for Paralyzed Patients
12	SJC Institute of Technology, Chickballapur	1) Siddanagouda Biradar 2) Basavaraj K.	Automotive source for running four wheeler by Magnetic Force
13	BMS College of Engineering, Bangalore	1) Praveenraj Pattar 2) Rajeshwari Madli	Automatic Detection and Notification of Humps on Roads to Aid Drivers
14	Dr. Ambedkar Institute of Technology, Bangalore	1) Sowmya K. 2) Vyshnavi T. S.	Non-contact power transmission using Electromagnets

15	East Point College of Engineering & Technology, Bangalore	1) Neha Gopal N.	VLSI Implementation for Image based classification of Neurodegenerative Diseases
16	Jain College of Engineering, Belgaum	1) Ravi M. Kale 2) Naveen A Patil	Reverse Geared Motorcycle
17	Alliance College of Engineering and Design, Bangalore	1) Rashmi Mariyani 2) Vedha V.	Development of a Noninvasive Continuous Photoacoustic Monitor of Total Hemoglobin Concentration
18	Kammavari Sangham Institute of Technology, Bangalore	1) Nagaraja 2) Mamatha K.	Protection of Crops and Proper usage of Rain Water using Weather Sensor and GSM Technology
19	MVJ College of Engineering, Bangalore	1) Dimple M. K. 2) Kakoli Sanyal	Nano-Engineered Photocatalyst for Hydrogen production from water
20	PES Institute of Technology, Bangalore	1) Arjun Krishnamurthy	Portable Wireless Hand-held ECG recorder device to generate Heart Rate Variability (HRV) spectral analysis report using Smart Phones
21	Shirdi Sai Engineering College, Bangalore	2) Mannava Haritha 3) Nishitha	Detection of Fake Note Inside an ATM Machine
22	Nitte Meenakshi Institute of Technology, Bangalore	1) Ashok B. M. 2) Darshan S. P.	Low Cost solution for Cooling systems for Rural Areas using Thermoelectric Materials
23	Reva Institute of Technology & Management, Bangalore	1) Uma L. 2) Rakshith B. R.	A Low cost Health Monitoring using e-health Sensor and Embedded system boards
24	Hirasugar Institute of Technology, Nidasoshi	1) Akash V. Bandodkar 2) Vaibhav D. Boraganve	Mini Biodiesel Plant
25	M.S. Ramaiah Institute of Technology, Bangalore	1) Ashish M. Mhetar	3D Potter- A Revolutionary 3D printer
26	Govt. Engineering College, Huvinahadagali	1) Veerabasappa 2) Prabhudev	Design of a Manually operated Paper- Recycling Machine
27	PES Institute of Technology, Bangalore	1) Abhiram. C 2) Monica K.M.	Graphene and Graphene/ metal oxide nanocomposites for anode materials in Lithium ion battery applications
28	Bapuji Institute of Engineering & Technology, Davangere	1) Vasantha Kumara 2) Karthik J. P.	Plant Identifier Application
29	Angadi Institute of Technology & Management, Belgaum	1) Niranjana Karagi	Hydrogen reinforced fuel system for vehicles for higher efficiency and low pollution
30	Manipal Institute of Technology, Manipal	1) V. Dhriti 2) Dhriti Hazarika	PAPER-Based Fluidics detection of Heavy Metals (PAP-BAF)
31	Mangalore Institute of Technology and Engineering, Moodbidri	1) Hisham Ahamed 2) S. Adithya	Arduino-based Web server for traffic surveillance and identification in Ghat curves
32	NMAM Institute of Technology, Nitte	1) Astron Manoj Tauro	Design, Fabrication and Testing of Micropump Manufactured using Tool Based Micromachining Process for Drug Delivery System
33	Bangalore Institute of Technology, Bangalore	1) Balakumaran 2) Ghatikachala	Mobilised Acetelene Powered IC Engine for Pumping water to Agriculture Purpose
34	Siddaganga Institute of Technology, Tumkur	1) Arpit Bansal 2) Ishwarkumar Teggi	Design and Development of Gas level indicator in an LPG cylinder using Android Technology

35	Vivekananda College of Engineering & Technology, Puttur	1) Shivraj N. Juvekar 2) Sumit M. Khot	Automatic Wireless Health Monitoring System in hospitals for Patients
36	Brindavan College of Engineering, Bangalore	1) Naveen L 2) S. Bindhushree	Granular Steel Slag- A waste By-product as an Alternative Eco friendly building material in plastering Applications
37	ATME College of Engineering, Mysore	1) Abhishek A. 2) Harshith R.	Automation of Shopping cart to ease queue in Malls by using RFID
38	Vidya Vikas Institution of Engineering & Technology, Mysore	1) Nagaprasad M. A. 2) Girish Bharadwaj	Regenerative Electro Mechanical – Bicycle
39	Maratha Mandal Engineering College, Belgaum	1) Nagraj Hongekar 2) Pranam Rane	Automated Rice plowing cum sowing machine
40	BLDEA's Dr. P.G.H. College of Engineering & Technology, Bijapur	1) Pavitra V. Deshpande	Prediction of person's Characteristics from Facial Features

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Date: 01/01/2015

Place: Bangalore