

Engineering Students Innovation Challenge – 2014

WINNERS – National Level

Stream: Department of Civil Engineering

Project ID	Title	Team	Guide	College Name	District	State
ES377	Experimental Study on Cellular Concrete Using Aqua gels	1. Francis Daniel J 2. Jerald Sushil Prasad 3. Manoj Kumar S 4. Vignesh V	Dr. M. Lenin Sundar	Sri Krishna College of Technology	Coimbatore	Tamil Nadu
ES410	Flood Resistant Structures	1. K. Jai Ganesh 2. R. Naveen Kumar 3. S. Anther Prabhakar	V.K. Ashok Kumaravel	V V College of Engineering	Tirunelveli	Tamil Nadu
ES464	Study of Bio Remediation of concrete through Bacterial Mineral Precipitation using Bacillus Subtilis	1. Namratha S 2. Pranesh B 3. B. Suresh Kumar 4. Ayesha A 5. Dhanalakshmi C	G.S. Rampradheep	Kongu Engineering College	Erode	Tamil Nadu

Stream: Department of Computer Science and Engineering

Project ID	Title	Team	Guide	College Name	District	State
ES286	A FRAMEWORK OF EDUCATION CLOUD FOR RURAL DEVELOPMENT	1. N. Narasimha Reddy 2. R. Srikanth Reddy 3. S. Sainath Rao 4. B. Gunasekhar	Dr. D.Kavitha	G. Pullareddy Engineering College	Kurnool	Andhra Pradesh

ES424	VISION BASED ANALYSIS USING SIXTH SENSE TECHNOLOGY	1. Ashwini P 2. Pankaja S 3. Mrutyunjay H 4. Vishal K	Aruna A. Daptardar	HIRASUGAR INSTITUTE OF TECHNOLOGY	Belgaum	Karnataka
ES474	VIRTUAL SECURITY GUARD USING GPS	1. Sheik Shameer S 2. Suresh Wilson W	Ms. Priyanka G	Mepco Schlenk Engineering College	Sivakasi	Tamil Nadu

Stream: Department of Electrical and Electronics Engineering

Project ID	Title	Team	Guide	College Name	District	State
ES294	SMART AUTOMATION	1. Rupesh Waiba 2. Ratiranjan Prajapati 3. Sujeet Singh	Dr. B.P. Divakar	Reva Institute of Technology and Management	Bangalore	Karnataka
ES415	Versatile Wheelchair for Physically challenged and Elderly people	1. A. Ramya 2. Y. Lakshmi Prasanna	S.M. Padmaja	Shri Vishnu Engineering College for Women	West Godavari	Andhra Pradesh
ES443	A NOVEL APPROACH OF MINI HYDRO POWER PLANT IN APPARTMENT BUILDING	1. S. Sukhumar 2. P. Mukesh Aravind 3. M.R. Amarnaath 4. R.A. Kavin	N. Suthanthira Vanitha	Knowledge Institute of Technology	Salem	Tamil Nadu
ES488	THE ENHANCED AND SAFE BUS TRANSPORTATION SYSTEM USING LabVIEW	1. Abhilash.M 2. Akilesh.V.N 3. Pavithra. P 4. Sanjana.S	Dr. K Porkumaran	Dr. N.G.P Institute of Technology	Coimbatore	Tamil Nadu

Stream: Department of Electronics and Instrumentation Engineering

Project ID	Title	Team	Guide	College Name	District	State
ES447	Automatic Pesticide Spraying System Using Microcontroller	1. K. Dharnidhar Reddy 2. K. Mukesh 3. G. Mamatha 4. G. Arun Kumar Reddy 5. G.E. Naveen Simha	A. Vasavi	Rajeev Gandhi Memorial College of Engineering & Technology	Ananthpur	Andhra Pradesh

Stream: Department of Electronics and Communication Engineering/Department of Electronics and Telecommunication Engineering

Project ID	Title	Team	Guide	College Name	District	State
ES256	RFID AND GSM BASED INTELLIGENT COURIER MAILBOX SYSTEM WITH AUTOMATIC DELIVERY NOTIFICATION	1. S. Soundharya 2. G. Archana 3. M. Sathya	B.V.Santhosh Krishna	Velammal Institute of Technology	Chennai	Tamil Nadu
ES263	ENVISION- Driverless Car Development	1. Anish Singh 2. Smruti Amarjyoti 3. Tanmay Bakshi	1. Venkatasubramanian K 2. Umamaheswari V	VIT University	Chennai	Tamil Nadu
ES310	BEEPER BALL FOR VISUALLY CHALLENGED	1. T.Anusha Priyanka 2. S.Veena Madhuri 3. U.Vasanthi 4. V.V.S.Sravya 5. M. Naga Spandana	V.S.R.Pavan Kumar	Shri Vishnu Engineering College for Women	West Godavari	Andhra Pradesh
ES357	SMART TRANSPORT FOR EMERGENCY VEHICLE	1. Raju Kumar 2. Thiagarajan.C 3. R.Uma Maheswar Rao 3. R. Umamaheswar Rao	S. Selvaraju	V.M.K.V. Engineering College	Salem	Tamil Nadu
ES452	OPTICAL EYE TRACKING SYSTEM BASED WHEELCHAIR CONTROL	1. Varun Sharma 2. Malhar Shete 3. Rahul Sontakke	Vandana Katarwar	Dr. D.Y. Patil Institute of Engineering & Technology	Pune	Maharashtra
ES458	DESIGN AND IMPLEMENTAION OF LOW COST AND LOW POWER NETWORKED EVM	1. Md Ather Ahmed Shareef 2. Shaik Ayesha Siddiqua 3. Siliveru Manasa	N. Abid Ali Khan	Vasavi College of Engineering	Hyderabad	Andhra Pradesh

Stream: Department of Information Technology

Project ID	Title	Team	Guide	College Name	District	State
ES266	OBSTACLE AVOIDANCE USING OPTICAL FLOW	1. Rachana Gupta 2. Shiv Kumar 3. Narayan Singh 4. Manish Kumar	Dr. Sangeeta Jadhav	Army Institute of Technology	Pune	Maharashtra

Stream: Department of Mechanical Engineering

Project ID	Title	Team	Guide	College Name	District	State
ES281	Propelling Ctricycle Using Steering Column	1. Shivaraj.S. Mahajan 2. Siddappa I. Araganji 3. Somaling .B. Koti 4. Yogesh .M. Sumare	S.A. Goudadi	HIRASUGAR INSTITUTE OF TECHNOLOGY	Belgaum	Karnataka
ES302	Performance analysis of novel solar still	1. Patel Mitul M 2. Patel Dipak 3. Patel Jay 4. Patel Vivek 5. Gajjar Darshan	Hitesh Panchal	Gujarat Power Engineering & Research Institute	Mehsana	Gujarat
ES442	REVERSE GEAR MECHANISM IN HANDICAP VEHICLE	1. D. Anandaraj 2. V. Praveen 3. K. Silambarasan 4. S. Anandaraj	P. Sevvel	Magna College of Engineering	Thiruvallur	Tamil Nadu
ES453	HUMAN POWER TRICYCLE	1. Dilip Kumar Garg 2. Trivedi Kaushik 3. Nishant Kumar 4. Shyam Khandelwal	Ajay Kumar Dhanopia	Swami Keshvanand Institute of Technology, Management & Gramothan	Jaipur	Rajasthan