

Department: - Electronics and Telecommunication.

BEST B.E. PROJECTS

For the Academic year 2015-16

Grp no.	Title of Project	Student name	Sponsor	Subject area	Internal guide
10	Design and Fabrication of an instrument (Disdrometer) to measure size distribution of raindrops.	Shreya Gupta Pradnya Thakar Aishwarya Thalwar	Indian Institute of Tropical Meteorology, Pashan, Pune-08.	D.S.P.	Prof.(Mrs.) J.A.Mokashi
14	Hand Gesture Recognition System	Pallavi Srikanth Siddhi Ojha R Subasini	In-House	Embedded	Prof.(Mrs.) P.C.Shenolikar
57	Android based DSO	Radhika Ravindranath Kulkarni Manasi Prashant Chawandke Isha Sanjay Agarwal	Wyse Biometrics	Instrumentation & Networking	Prof.(Mrs.) M.A.Dixit
36	Solid waste disposal using wireless sensor network (WSN).	Konica Agrawal Jayasri S Manisha Sharma	In-house	Communication	Prof.(Ms.) P. Waghmare

For the Academic year 2014-15

Sr. no.	Title of Project	Student name	Sponsor	Subject area	Internal guide
1	Intelligent Sericulture System	Amruta Kulkarni Gargi Bhandari Neha Raste	College	Artificial Intelligence & Embedded	Prof.(Mrs.)M.ADixit
2	Wireless Electronic board	Aarti Munjawade Apurva Rohamare Minal Pathak	Self	Embedded	Prof.(Mr.)M.S.Patankar
3	Design and Implementation of E-Rationing System Based On Grain Quality Using Image Processing And CAN BUS	Manognya Varanasi, Rashmi Tayade, Prerna Kumbhare	N-SYS Embedded Solutions, Balaji Nagar ,Katraj, Pune	Embedded & Image Processing	Prof.(Mrs.)R. Pawar
4	Using Low Cost Handheld GPS Receiver for Precise Positioning	Madhura Kulkarni Nakita Oza Yeshaswi Menghmalani	R&DE, DRDO, Dighi, Pune	Communication	Prof.(Mrs.)K.S. Joshi

For the Academic year 2013-14

Sr.	Title of the Project	Student name	Sponsor	Subject	Internal
No.				area	guide
1	Optimization of HEVC using arm neon cortex subsystem	Patil Manasa Shrigiri Palvi Phadke Tanmayee	Imagination Technologies Pvt. Ltd.	Embedded& DIP	Prof.(Mr.)M.K.Pote
2	Design and Implementation of Elastic Circuits	Chiddarwar Rutuja Gopale Mohini P. Koshti Pranoti P.	College	V.L.S.I.	Prof.(Mr.)P.V.S.Shastry
3	Analysis and suppression of ICI in faded OFDM system	Sharavari Samant, Sonam Shah, Vaidehi Hoshing	College	Communication	Prof.(Mr.)A.R.Khedkar
4	Real Time Asset Finder Using Bluetooth And Android Based Mobile Application	ASHWINI POTDAR SUPREETI DUTTA PRIYA DIXIT	Aeron Systems Pvt. Ltd.,Pune	Embedded	Prof.(Mrs.)J.A.Mokashi
5	Wireless Adapter to Communicate Information from Embedded Controls with Handheld Devices eg. Tablets, Laptops	Sneha Deshpande Meghana Gaopande Chaitrali Joshi	Cummins India Ltd.,Pune	Embedded & Communication	Prof.(Mrs.)S.N.Ohatkar
6	Anomaly Detection using Video Surveillance	Surbhi Agrawal Melissa Fernandes	Corores	Image Processing	Prof.Dr.(Mrs.)P.Mukherji
7	American Standard Sign Language Representation using Speech Recognition.	Chandel Pooja Snigdha Joshi Apurva Patki	College	Speech Processing and Embedded	Prof.(Mrs.)B.V.Pathak
8	Colour Image Steganography	Aditi Panvalker Snehal Padhar Akshaya Nikumbh	College	Image Processing	Prof.(Mrs.)M.A.Dixit

For the Academic year 2012-13

Sr. no	Final Title of the Project	Student name	Sponsor	Subject area	Internal guide
1	Dynamic Traffic Signal Controlling using Video And Image Processing	Sukhada Sathaye, Ishawari Unhale, Nupur Bhonge	K.P.I.T Cummins Ltd.	Image Processing	Prof.(Mrs.)A.S.Patil
2	Camshaft & Crankshaft Synchronisation	Peddireddy Shravya, Sneha Satish Patil, Shraddha Yuvraj Tule	K.P.I.T Cummins Ltd.	Automotive Electronics	Prof.(Mr.)S.A.Paranjape
3	SWARM intelligence based traffic management	Neha Jagtap , Manisha Rajnale , Achala Sathe	College	Communication	Prof.(Mrs.)B.V.Pathak
4	Design of two stage programmable CMOS operational amplifier using 180 nm technology	Nishi Shah, Mayura Halbe, Prachi Khadilkar	College	V.L.S.I.	Prof.(Mr.)A.S.Khade
5	CMOS based interface design using AMBA-AHB Specification	Varada Rege, Priyanka Sonavane Vijay, Vaishnavi Umrekar	College	V.L.S.I.	Prof.(Mr.)P.V.S.Shastry

For the Academic year 2011-12

Sr. no.	Project Title	Name of the Student(s)	Subject area	Internal guide
1	Smart High Precision Programmable Low Current/Voltage Source	Shweta Vij,Shruti Sharma,Shruti Wadhokar	Embedded	Prof.(Mrs.)M.S.Joshi
2	Rain modelling and removal from images and videos	Pooja Keskar,Khushboo K.Khatri,K.Sanya Joseph	Image Processing	Prof.(Mrs.)M.S.Borse
3	PERFORMANCE EVALUATION USING PULSE SHAPING TECHNIQUES FOR ICI REDUCTION IN OFDM SYSTEM	Prajakta Gokhale,Priyanka Kulkarni,Vaibhavee Kulkarni	Communication	Prof.(Mr.)A.R.Khedkar
4	Implementation of Routers using Linux	Prajakta Mane, V.Vandana, Piyusha Vasekar	Networking	Prof.(Mrs.)M.A.Dixit
5	Design of two stage CMOS opamp using 180nm technology.	Ingale Nivedita,Inamdar Anjali,Narayanpure Amruta	V.L.S.I.	Prof.(Mr.)A.S.Khade
6	Rolled architecture based 128 bit AES implementation using T-Box on FPGA	Amruta S. Gadre, Namrata K. Somani, Bhagyashri A. Vispute	V.L.S.I.	Prof.(Mr.)P.V.S.Shastry
7	Subpipelined Architechture for AES Implementation on ASIC	Madhura Bonde,Neha Brahmanekar,Bilwa Jadhav	V.L.S.I.	Prof.(Mr.)P.V.S.Shastry