



### GRADUATION (B.TECH) PROJECT TITLES

Class: VIII SEM SEC-C

Academic Year: 2015-16

Project Batch no	Project Guide	Project batch roll no's	Project Title
C1	Dr. A. Narendra Babu	12761A04D1	Detection techniques for white spaces in cognitive radio networks
		12761A04H8	
		12761A04F1	
		12761A04F7	
C2	Dr. S. V. Jagadeesh Chandra	12761A04C3	Eye gazed wheel chair control for people suffering from tetraplegia
		13765A0428	
		12761A04C1	
		12761A0429	
C3	Dr. G. Srinivasa Rao	12761A04D0	Reconstruction of damaged images using adaptive diffusion techniques
		12761A04H2	
		12761A04C5	
		12761A04F0	
C4	Mr. L. Srinivasa Reddy	12761A04E7	Design of cognitive radio network and its performance by single user and cooperative technique
		12761A04E5	
		12761A04E6	
		12761A04C9	
C5	Mr. B.V.N.R. Siva Kumar	12761A04H0	Musical water fountain
		12761A04F5	
		12761A04E8	
		13765A0435	
C6	Mr. B. Siva Hari Prasad	12761A04E2	Design of planar helical antenna
		12761A04H7	
		13765A0427	
		12761A04E9	
C7	Mr. G.L.N. Murthy	12761A04H6	Image mosaicing using feature detection
		12761A04G5	
		12761A04F6	
		12761A04C8	
C8	Dr. G Srinivasa Rao	12761A04H1	Gesture language recognition system using flex sensors
		12761A04H5	
		13765A0436	
		12761A04G9	
C9	Dr. A. Narendra Babu	12761A04F8	Smart Helmet tracking system using GSM and GPS technology
		12761A04G1	
		12761A04G4	
		-----	
C10	Mr. Ch.V. Naga Bhasker	12761A04D4	Swipe controller using microcontroller
		12761A04G0	
		12761A04C4	
		12761A04G3	

C11	Mr. M. Siva Shankara Rao	12761A04H9	An integrated approach to a smart home using ZIGBEE
		12761A04G2	
		12761A04G7	
		12761A04E3	
C12	Mr. P. Rakesh Kumar	12761A04I0	Enhancement of bandwidth for microstrip patch antenna using defected ground structures
		12761A04F3	
		12761A04G8	
		12761A04F2	
C13	Dr. S.V. Jagadeesh Chandra	12761A04C6	RFID based vehicle tracking system
		12761A04D9	
		12761A04D8	
		12761A04E4	
C14	Mr. T. Anil Raju	13765A0431	Detection and tracking multiple moving objects using background subtraction model
		13765A0432	
		13765A0425	
		13765A0433	
C15	Mr. V. Mallikarjuna Rao	12761A04H4	Density based traffic light control using microcontroller
		12761A04G6	
		13765A0434	
		12761A04H3	
C16	Mr. B.Y.N.R. Swamy	12761A04F9	Power theft prevention by using GSM
		12761A04E1	
		13765A0426	
		12761A04E0	
C17	Mr. G. Venkata Rao	12761A04D6	Automatic irrigation system on sensing soil moisture content
		12761A04D7	
		13761A0430	
		12761A04C7	
C18	Mr. Ch. Mallikarjuna Rao	12761A04D3	Vehicle theft control system using GSM and GPS
		12761A04C2	
		12761A04D5	
		12761A04F4	

S. No	Title of the Hardware Based Project	Title of the Software tool Project
<b>A.Y: 2015-16</b>		
1.	Home Automation Using Raspberry PI	Home Automation Using Raspberry PI
2.	Intelligent Vehicle Monitoring and Adaptive Cruise Control System	A Novel Approach for Mosaic Image Transmission Using Various Transforms.
3.	Wireless Electronic Notice Board By GSM With User Programmable Number Features	Image Enhancement Using Wavelet Decomposition, Super Resolution Algorithm and LUM Filters.
4.	Emergency Alert System For Women Safety With Location Tracking.	Adaptive Pixel Pair Matching
5.	Automatic Railway Gate Controller With High Speed Alerting System.	Performance Analysis of Wi-Max At 2.4, 3.5 & 5.8 GHZ In Urban and Sub-Urban Areas.
6.	GSM Based Security System	Design of Micro-Strip Antennas Using Defected Ground Structures.
7.	Smart Wheel Chair	Improve Service Area By Reducing the Near-Far Problem Of Pseudolite.
8.	Micro Electro Mechanical Systems	Motion Compensated SNR and Dynamic Range Enhancement With

		Motion Blur Prevention Using Multi-Capture
9.	Password Based Remote Controlled Door Opening By Android Application	Speech Enhancement By Kalman Filter And Spectral Subtraction
10.	Ece Made Easy	Simulation and Performance Analysis Of Wireless Sensor Networks(WSN) Under Different Attacks Using Ns2.
11.	Detection and Tracking of Multiple Moving Objects in Smart Video Surveillance Systems	Design and Implementation Of Brent Kung Based Carry Select Adder Using Verilog HDL.
12.	Eye gazed wheel chair control for people suffering from tetraplegia	Spectrum Sensing in Cognitive Radio Networks By Transmitter Detection Technique.
13.	Musical water fountain	Survey of Image Quality Assessment for Biometric Authentication System
14.	Smart Helmet tracking system using GSM and GPS technology	Image Segmentation Using Localized Active Contour Model
15.	Swipe controller using microcontroller	Modeling of PUE Attack in Cognitive Radio Networks
16.	An integrated approach to a smart home using ZIGBEE	Performance Analysis of 3GPP LTE
17.	RFID based vehicle tracking system	Radio Channel Modeling for Mobile AD-HOC Wireless Networks
18.	Detection and tracking multiple moving objects using background subtraction model	A Blind and Robust Video Watermarking Technique in DCT Domain
19.	Density based traffic light control using microcontroller	Self Driving Car Using RASPBERRY PI
20.	Power theft prevention by using GSM	Human Age Prediction Using PCA and DCT
21.	Automatic irrigation system on sensing soil moisture content	Visual Cryptography Scheme
22.	Vehicle theft control system using GSM and GPS	Design of Generalized Orthogonal codes in Multi Antenna wireless communication systems
23.		Implementation of MPSOC For Image Compression of FPGA
24.		Multilingual Speech To Speech Conversion
25.		Audio Authentication and Copy Right Protection Using DWT and Arnold Transform
26.		Detection techniques for white spaces in cognitive radio networks
27.		Reconstruction of damaged images using adaptive diffusion techniques
28.		Design of cognitive radio network and its performance by single user and cooperative technique
29.		Design of planar helical antenna
30.		Image mosaicing using feature detection
31.		Gesture language recognition system using flex sensors

32.		Enhancement of bandwidth for microstrip patch antenna using defected ground structures
-----	--	--

**Project In-charge**

**Project Review Committee**

**HOD**