



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MAIN PROJECT DETAILS (2016-2020 BATCH) A-SECTION

S.NO	BATCH	STUDENT NUMBERS	TITLE OF PROJECT	NAME OF GUIDE
1.	A1	16761A0459 16761A0414 16761A0428	IOT Based enhanced and efficient safety system using raspberry pithrough website and Android application	Dr.E.V.KrishnaRao
2.	A2	16761A0411 16761A0412 16761A0426 16761A0433	Electronic voting machine using FPGA	Dr.Y.AmarBabu
3.	A3	16761A0443 16761A0410 16761A0427 16761A0420	Web server based patient monitoring system using LabView	Dr.A.NarendraBabu
4.	A4	17761A0407 16761A0452 16761A0430 17761A0404	Nursing robot for hospital applications	Mr.B.V.N.R.Siva Kumar
5.	A5	16761A0436 16761A0403 16761A0455 16761A0409	Fall detection for elderly using Labview	Mr.V.V.Rama Krishna
6.	A6	16761A0448 16761A0442 16761A0447 16761A0432	Retinal Blood vessel sectionalization of optical fundus image using gabor wavelet Transform	Prof.B.Ramesh Reddy
7.	A7	16761A0457 16761A0453 16761A0450	Novel approach to Design and Implementation of efficient multiplier using	Smt.K.RaniRudramma

		17761A0409	UrdhvaTriyakbhyam Sutra	
8.	A8	16761A0424 17761A0401 16761A0422 16761A0437	Analysis of Brain tumor using anisotropic filtering & SVM classifier	Mr.K.SasiBhushan
9.	A9	16761A0444 16761A0406 16761A0460 17761A0406	Segmentation of basal ganglia from skull stripped MRI for parkisons disease detection	Dr.G.L.N.Murthy
10.	A10	16761A0429 16761A0446 16761A0449 17761A0405	Design of ultra wide band circular ring antenna using defected ground structure	Mr.B.SivaHari Prasad
11.	A11	16761A0405 16761A0416 17761A0411 17761A0408	Prognostication of cancer using machine learning	Dr.M.VenkataSudhakar
12.	A12	16761A0434 16761A0451 16761A0417 16761A0418	Design and analysis of multi band micro strip patch antenna using defected ground structure	Mr.P.Rakesh Kumar
13.	A13	16761A0415 16761A0435 16761A0441 16761A0439	An emergency air ambulance 766	Mr.M.SivaSankara Rao
14.	A14	16761A0402 16761A0401 16761A0408 16761A0421	Improving of spectrum efficiency using Matched filter detection by Cognitive radio approach using Matlab	Dr.Y.S.V.Raman
15.	A15	16761A0404 16761A0425 16761A0407 17761A0403	Advanced security and assisting system based on face and eye blink detection	Mr.P.Venkateswara Rao
16.	A16	16761A0431 16761A0458 16761A0440 16761A0438	Counterfeit currency note detection using Matlab	Smt.M.V.L. Bhavani
17.	A17	16761A0413 16761A0454 16761A0445 17761A0410	Novel approach for image cryptography	Mr.M.K.Linga Murthy
18.	A18	17761A0402	Blood grouping and viral fever	Mr.M.Samba Siva Reddy

		16761A0456 16761A0419 17761A0412	detection using image processing	
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MAIN PROJECT DETAILS (2016-20 BATCH) B-SECTION

BATCH NUMBER	ROLL NUMBER	Guide Name	PROJECT TITLE
B1	16761A0463	Dr.Y.Amar Babu	IOT BASED SMART IRRIGATION
	16761A0486		
	16761A0461		
	16761A0475		
B2	16761A0487	Dr.G.Srinivasulu	DEVELOPMENT OF OPTIMISED VOLTAGE LEVEL SHIFTER FOR NANO SCALE APPLICATIONS
	16761A04A9		
	16761A0481		
	17765A0414		
B3	16761A0470	Dr.P.Lachi Reddy	GSM PATH PLANNING FOR BLIND PEOPLE USING ULTRASONIC SENSOR
	16761A04A0		
	16761A04A7		
	17765A0417		
B4	16761A0472	Mr.V.V.Rama Krishna	WIRELESS ELECTRONIC NOTICE BOARD USING ARDUINO AND LABVIEW
	16761A0477		
	16761A0491		
	16761A0467		
B5	16761A0465	Mr.T.Anil Raju	DUAL-ECHO ARTERIAL SPIN LABELLING FOR BRAIN PERFUSION QUANTIFICATION AND FUNCTIONAL ANALYSIS
	16761A0493		
	16761A0471		
	17765A0415		
B6	16761A0479	Dr.A.Narendra Babu	DARE TO TOUCH
	16761A0490		
	17765A0423		
	17765A0422		
B7	16761A04B3	Mr.G.Venkata Rao	PRE AMLIFIER LATCH CMOS COMPARATOR USING 130nm TECHNOLOGY FOR ANALOG TO DIGITAL CONVERTER
	16761A04A8		
	16761A0483		
	16761A0492		
B8	16761A04B2	Dr.Y.S.V.Raman	MEDICAL IMAGE FUSION USING WAVELET TRANSFORM
	16761A04B4		
	16761A0473		
	16761A0498		
B9	16761A04B1	Mr.Siva Hari Prasad	CHILDREN'S TRACKING SYSTEM

	16761A0482		USING GPS AND RFID TECHNOLOGY
	16761A04A1		
	16761A0480		
B10	16761A0478	Mr.V.Ravi Sekara Reddy	MINIATURIZATION OF RAT-RACE COUPLER WITH HARMONIC SUPPRESSION FOR WIRELESS COMMUNICATION
	16761A0468		
	16761A04A2		
	16761A0474		
B11	16761A04A3	Mr.B.Y.V.N.R.Swamy	RECHARGEABLE ELECTRIC ENERGY METER USING GSM AND ARDUINO
	16761A04B0		
	16761A0462		
	17765A0413		
B12	16761A04B6	Dr.E.V.Krishna Rao	REAL –TIME PEOPLE TRACKING AND ATTENDANCE SYSTEM USING KLT ALGORITHM
	16761A0466		
	16761A0499		
	16761A0464		
B13	16761A0469	Mr.M.Siva Sankara Rao	DRIVER ACTIVITY RECOGNITION FOR VEHICLES
	16761A0494		
	16761A04A6		
	16761A04B5		
B14	16761A04C0	Mr.P.Venkata Rao	AIR QUALITY PREDICTION DATA LOG BY MACHINE LEARNING
	16761A04B7		
	17765A0421		
	16761A0484		
B15	16761A0485	Mr.K.Ravi Kumar	BEAM FORMING FOR SPEECH ENHANCEMENT
	16761A0488		
	16761A0497		
	17765A0420		
B16	16761A0496	Dr.M.Venkata Sudhakar	DEVELOPMENT OF ALERTING AND MONITORING SYSTEM FOR MANHOLE MANAGEMENT USING IOT
	16761A04B9		
	16761A04A5		
	16761A0489		
B17	17765A0416	Smt.T.Kalpana	ZIGBEE BASED DEFENSE ROBOT
	16761A04A4		
	17765A0424		
	16761A0495		
B18	17765A0418	Mr.T.Anil Raju	DIABETIC RETINOPATHY DETECTION FROM RETINAL IMAGES
	16761A0476		
	17765A0419		
	16761A04B8		

MAIN PROJECT DETAILS (2016-20 BATCH) C-SECTION

Batch Number	Roll Numbers	Project Title	Guide
C01	16761A04G8	Extraction, Segmentation And Exudates Detection In Retinalvessels Using Morphological And Clustering With Neural networks	Prof.B. Ramesh Reddy
	16761A04F5		
	16761A04H6		
	17761A0434		
C02	16761A04H5	Smart Agriculture and Home Automation using Google Assistance.	Dr. P. Lachi Reddy
	16761A04E0		
	16761A04D1		
	16761A04D8		
C03	16761A04G2	Green House Monitoring And Controlling Using WSN Protocol	Dr.G. Srinivasulu
	16761A04I0		
	16761A04E2		
	17765A0430		
C04	16761A04G9	Lab VIEW BASED MOBILE ROBOT IN HOSPITALS	Mr.B.V.N.R Siva Kumar
	16761A04H0		
	16761A04E4		
	16761A04G5		
C05	16761A04C1	DESIGN OF OPTIMIZED LOW POWER MULTIPLIER USING CMOS PASS-TRANSISTOR TECHNOLOGY	Mrs. K. Rani Rudrama
	16761A04D9		
	16761A04F4		
	16761A04C3		
C06	16761A04D3	Identification of Alzheimer's disease using EEG signal along with frequency partitioning	Dr. G.L.N Murthy
	16761A04H2		
	16762A04D7		
	16761A04G6		
C07	16761A04C4	Designing Of SR And D Flip Flop Using Reversible Logic and Pass Transistor Logic	Mr. G.Venkata Rao
	16761A04E3		
	16761A04F9		
	17765A0425		
C08	16761A04H4	5G massive MIMO networks along with maximal spectral efficiency and configurations of antenna	Mr. K. Sasi Bhushan
	17765A0426		
	17765A0436		
	16761A04D2		
C09	16761A04F6	Design And Analysis Of Compact Ultra Wideband Microstrip Antenna Using Defected Ground Structure For Wireless Communications	Mr.P. Rakesh Kumar
	16761A04F7		
	17765A0433		
	16761A04C2		
C10	16761A04E1	Design of harmonic suppressed branch line coupler with size reduction using three shunt open stub unit	Mr.V. Ravi Sekhara Reddy
	16761A04C5		
	16761A04C7		
	16761A04E5		
C11	16761A04E9	Handwritten Character Recognition Using Neural Networks	Mr.M.K. Linga Murthy
	16761A04G1		
	16761A04F0		

	16761A04D0		
C12	16761A04G4	Spatial Encoding of ASL images Using Time Encoding Transformation Techniques	Mrs.B.Rajeswari
	16761A04G7		
	16761A04C9		
	16761A04F8		
C13	16761A04D4	Speech Enhancement Using Neural Network	MMr.K. Ravi Kumar
	16761A04E6		
	16761A04E7		
C14	16761A04G3	IOT Based Intelligent Vehicle Communication For Collision Avoidance	Mr. Ch. Siva Rama Krishna
	16761A04E8		
	16761A04D5		
	17765A0435		
C15	16761A04C6	PEPE – The Hand wash Promoting ROBOT	Mrs. Ramya Harika
	16761A04H7		
	17765A0431		
	17765AA032		
C16	16761A04H1	Intelligent Fire Accident Control System In Trains	Mrs. K. Lakshmi
	16761A04F3		
	16761A04F1		
C17	17765A0429	Microcontroller Based Automatic Waste Segregation System	Mr.K.V.Ashok
	16761A04F2		
	17765A0428		
C18	16761A04H8	Design and analysis of compact dual band pentagonal circular patch antenna with defected ground structure for wireless applications	Dr.B.Y.V.N.R. Swamy
	16761A04H9		
	16761A04H3		
	16761A04C8		