

SRK INSTITUTE OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PROJECT LIST SUBMITTED TO COLLEGE LIBRARY A.Y. 2014-2018 BATCH
SECTION-A

S.NO	TITLE	GUIDE
1	Trade off of capacity and handover performance in high speed railway wireless communications	Dr S.Sri Gowri
2	Design of FIR filter by using system generator	Ms P.Subha Sri
3	Automatic vehicle speed control based on sign boards using Raspberry-PI	Mr B.Ravi
4	Analysis of MIMO-OFDM using different modulation techniques	Mr P.Ratna Bhaskar
5	Design and implementation of IIR Digital filters	Ms MD.Shabeena Begum
6	Design and implementation of iot based smart waste management system	Mr V. Naganjaneyulu
7	CLA Based 32 bit signed pipelined multiplier	Mr P.Raveendra
8	Low power and area efficient wallace tree multiplier using carry select adder with binary to excess 1'converter	Mr P.Koteswara Rao
9	A pipelined SAR ADC reusing the comparator as residue amplifier	Mr.D.Ravi Tej
10	Design and implementation of decimation filter for SDR applications	Mr.K.Venkateswara rao
11	Energy Autonomous Wireless value leakage monitoring system with gas sensor	Dr S.Sri Gowri
12	Realization of a smart plug device using wi-fi technology in home automation system	Ms P.Subha Sri
13	Monitoring and controlling of room temperature using IOT service on Webhost	Mr B.Ravi
14	design and implementation of real time transformer health monitoring system using GSM technology	Mr P.Ratna Bhaskar
15	Developing a Air Quality Information system by using Internet of things	Ms MD.Shabeena Begum

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SECTION-B**

S.NO	TITLE	GUIDE
1	EMACS Design and Implementation of Indoor Environment Monitoring and Control System	Mr. P. Koteswara Rao
2	Efficient Low cost supervisory System for IoT Enabled Smart Home	Mr D.Ravi Tej
3	Design and Analysis of Micro Strip Patch Antenna Array with Proximity coupled Feed technique for WLAN applications	Ms. N.V.K. Maha Lakshmi
4	Design of low power, high performance 2- 4 and 4-16 mixed logic line decoders	Ms. N. Mayuri
5	Novel fault resistant D- Latch for low power VLSI Design	Ms. A. V. P. Sarvari
6	Max-SIR Outage Probability in Cellular Networks	Ms. K.Nandini
7	Noise enhanced energy efficiency in green wireless communication	Ms. V. Sri Lakshmi
8	Vehicle theft detection and control	Mr. Ch. Siva Rajesh
9	Digital VCO based CT-SDM with third order noise shaping	Mr.V. Sekhara Babu
10	Gas leakage and fire detection prevention and communication through GSM using micro controller	Ms.B.Anitha Pravalli
11	Preventing drunk and drive accidents by using Arduino	Mr.G.surya Prakash
12	Smart agriculture monitoring and irrigation system using IOT and Open source technology	Mr.B.S.S.Telesh
13	Real -Time patient health monitoring using IOT and open source technology	Ms.s.Neeraja
14	Design of low power magnitude comparator	Mr.V.Naganjaneyulu
15	Home Automation using IOT and Bluetooth	Mr.P.Raveendra

HOD ECE

