



K.S.INSTITUTE OF TECHNOLOGY ,BENGALURU
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT DETAILS 2017-2018

S. NO	Name of the students	Title of Mini Project	Additional facilities used	POs	PSOs
1	Prajwal Simha S Renuka Prasad Nikil V Ruthvik Nikhil V	Digital Delay Time	Arduino & Proteus	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
2	Anagha Anna Disha Divya	Electronic Voting Machine	Arduino & Proteus	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
3	Vinay S (1KS18EC106) Vivek Gowda J (1KS18EC110) Vasanth Pai (1KS18EC103) Raghu Gowtham	Firing Alarm Circuit	Arduino & Proteus	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
4	Srinidhi HG (1KS17EC041) MR Srinivas (1KS17EC048) M Ranjith (1KS17EC049) Pavan Prasad R (1KS17EC067)	BCD to Bonary & Binary to BCD	FPGA	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
5	Darshan T G Charna Sai Y Dhakshith N K	Design of Vending Machine Using Verilog HDL	FPGA	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
6	Naveen Kumar H G, Pruthviraj N, Surya N, Arunarao B P,	Implementation of Low, High and Band pass filters using Verilog HDL	FPGA	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2

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7	Chethana Prasad K Bindu J Chaithra V M	FIFO Buffer	FPGA	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
8	Rachana S (1KS17EC075) Rithupatil (1KS17EC079) Sahana V (1KS17EC085)	Design and Analysis of types of Adders	Xilinx	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
9	Bhavana G (1KS17EC403) K Unnimaya (1KS16EC033) Rakesh MD (1KS16EC431) Aman Kumar Singh(1KS16EC00 7)	Debouncing of Buttons	Xilinx	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
10	Harshitha B Vanitha C	Clock Divider By Two	FPGA	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
11	Lakshan N S Gowtham B Jeevan R S Manoj Kumar R Manoj E	Square of A Number	Masm	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
12	Disha S Divya T M K Shreya Kamnoor Sushma Lekha Yaday	3x3 Matrix Addition	Matlab	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
13	Naganethra M Naveen Kumar H G Navya S Pallavi S Prathima V Kashyap	3x3 Matrix Multiplication	Matlab	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2