



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

MINI PROJECT DETAILS 2018-2019

S. NO	Name of the students	Title of Mini Project	Additional facilities used	POs	PSOs
1	Supriya. S Sushmitha. R Vandana. K	RFID based Attendance System	Arduino UNO	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
2	Rithvik.P Shiva Shankar Shreyas D.R	Smart Home Security and Automation	Arduino & Proteus	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
3	Vrindha	Bluetooth Arduino Car	Arduino	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
4	Prakruthi SH Sheetal N Gowda	Smart Irrigation System	Arduino UNO	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11,PO12	PSO1 PSO2
5	Sushma A.V. Varshini B.M Viraja B.	Music Rhythm Operated Dancing Light	Lab View	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
6	Somashekhar Yathish S D Sharath Kumar Kshitiz Gurung	Debouncing Buttons on FPGA	FPGA	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
7	Karthik B.P Krishnaprasad. B Naveen.G	Laser security Alarm System	Multisim	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
8	Pavan Sadana	Touch Sensor Using Transistor	PSpice	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2

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9	Yashashwini. R Vidya. V Sahana. MK Sushmitha. BL	Trigonometric Functions in double FPU	Xilinx	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
10	Raghu BT Ram Bahadur Mahara	Laser Security Alarm	Multisim	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
11	Hemanth Varsha MS Sindhu G	Water Level Sensor	Multisim	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
12	Mohammed Sadath Syed Waqar Kashif Mahadeva Jai Sai Naidu	N-Bit Parallel Adder	Matlab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
13	Sujay. R Somashekhhar.M Sudheer.B Manoj.S	Energy Monitoring System	Arduino Uno	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
14	Suraj. V. ghorpade Vishal . Madhusudan Vishwas.p Vinay.K	Obstacle Avoiding car	Arduino Uno	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
15	Naganetra M Ramya R Rohini	Pulse Width Modulation	Matlab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
16	H G Srinidhi Akkshay U L	Rising Edge Detector	FPGA	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
17	Navya S Pallavi S Pratima V Kashyap Shrava S Acharya	Vedic Multipliers	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
18	Thanushree . D Vaishnavi . G	Tough Switch	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2

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19	Monisha A Pratima p agnihotri Penujuri Naga Sai Snehitha	Verilog Code for Analysis and working of Washing Machine	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
20	Sandeep kumar.M Yashas.R Rajesh.C.S A. Yeshwanth	Digital Clock	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11,PO12	PSO1 PSO2
21	Sanjana.B Sirisha.M	Gloaming sensor Robot	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11,PO12	PSO1 PSO2
22	S Tushar Harinath Purushotham VR Raghavendra KP	Cell Phone Signal Detector	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11,PO12	PSO1 PSO2
23	Sagar TC Sanketh B Shashank HK Shrikanth C K	Clapping switch	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11,PO12	PSO1 PSO2
24	S Rahul Rajath Bhushan Shreyas C Raj Krishna	Emergency light	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11,PO12	PSO1 PSO2
25	Pooja.S Pruthvi Dinesh	Rain Drop Detector Used as a Fuse	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
26	S Rahul Rajath Bhushan Shreyas C	Signal Jammer	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
27	Vijaybabu.K Thanush.R.S Akash.G Puneeth.M	Cellphone Signal Jammer	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
28	Shreya V.Dev Siri ravinath	Water Level Indicator	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2

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29	Bhavana B.S Chethana K.S Ayesha Rosheen Mamatha K.S	Moore FSM Sequence Detector	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2
30	Anoop Deekshith R Purushothama V Abhishek KV	Simulation Of Bluetooth using VHDLb	Project lab	PO1,PO2,PO3, PO5,PO9,PO10 ,PO11, PO12	PSO1 PSO2