



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

**MINI PROJECT DETAILS 2016-2017**

<b>S. NO</b>	<b>Name of the students</b>	<b>Title of Mini Project</b>	<b>Additional facilities used</b>	<b>POs</b>	<b>PSOs</b>
1	Shurthi H V 1KS11EC095 Shubha N 1KS11EC096 Swetha Rani 1KS11EC420 Varsha Jayaram 1KS11EC109 Vasuprabha BR 1KS11EC110	Auto Mated Temperature Control in Baby Incubator	Arduino UNO	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
2	Bharath Bhushan BR 1KS10EC023 Manasa U 1KS11EC045 Nithya V Kumar 1KS11EC060 Rickin R C 1KS12EC418	Cruise Control Based on AT 89S52 Microcontroller	Keil	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
3	Revanna P 1KS12EC417 Rupesh K R 1KS12EC419 Dilli Babu 1KS10EC064 Vignesh R 1KS12EC430 Santhosh N 1KS12EC420 Vishwanath KR 1KS12EC432 Srikantaradhya HS 1KS12EC425 Naveen KO 1KS12EC415 Abhilasha K 1KS2EC401 Suma R 1KS12EC426	GSM Based Automatic Gate Light	Project lab	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2

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4	Harshitha P 1KS11EC406 Nutan A T 1KS11EC061 Ramalingesh G 1KS11EC075 Reddy Sai Vamshi Krishna 1KS 11 EC 081 Sanjana Satish 1KS11EC083 Shreya K S 1KS11EC092 Thejaswini P 1KS11EC108 Vinod Kumar R 1KS10EC116 Kupendra S K 1KS09EC044	Simple Calculator		PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
5	Sunil Kumar G 1KS11EC103 Shanbhog P Rohith 1KS11EC086 Vikram K N 1KS11EC113 Vijay K Bollina 1KS11EC111 Shasank S 1KS11EC089 Shreyas S 1KS11EC093 Rahul V 1KS11EC071	Cellphone Control Robot Using DTMF		PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
6	Sindhu E 1KS11EC098 Rukmini K 1KS11EC082 Vijay Kumar R 1KS11EC112 Shironika P 1KS11EC091 Shilpa J KS11EC090 Sharanya R 1KS11EC087	Automatic Room Light Controller with BI-Directional Visitor Counter	Arduino UNO	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2

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7	Anurag Dey Aman Jha Prabhat Kumar Pallab Adak Farhat Alikhan Gaurav Gupta Sonu	Prepaid Power Drawing Utility Device for Charging Devices		PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
8	Kiran Kumar S 1KS10EC054 Harini J 1KS11EC031 Sravani B 1KS11EC018	Development of Portable Cost Effective Digital Oscilloscope		PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
9	A. N Jahnavi Jahnavi M Manasa M S Kavya Priya Nandini Rashmi K P Sravani G	Line Follower Robot	Project lab	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
10	Sunil S 1KS11EC104 Suha S.S 1KS11EC102 T Karthik 1KS11EC107 Shruthi V 1KS11EC094 Shwetha G 1KS11EC097 Vinay Kumar R 1KS11EC114 Pankaj Kumar Pathak 1KS11EC065 Anup Kumar Guptha 1KS11EC014	Assistance Device DEAF based on PIC166F877A Microcontroller		PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
11	Arun S 1KS12EC402 Bhagyamma 1KS12EC405 Sunila V 1KS12EC427	Traffic Light Contoller Based on At89S52 Microcontroller		PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2

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12	Abhishek 1KS11EC002 Adithya M S 1KS11EC004 Akash Dhanpal 1KS11EC008 Akash S P 1KS11EC009	Automatic Password Based door lock system	Arduino & Proteus		
13	Avinash Rao - 1KS12EC403 Deepu AC 1KS12EC406 Dharanish 1KS12EC407 Gopi G 1KS12EC409 Bharath Kumar 1KS12EC412 Shilpa N 1KS12EC422 Sushma K B 1KS11EC105	Students Attendance Maintaince using RFID		PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2
14	Anirudha Rajendra 1KS11EC011 Dheeraj J Hatti 1KS11EC026 Prateek R Pawar 1KS11EC069 Puneeth Reddy L 1KS11EC070 Rajath C Shekar 1KS11EC072 Reddy Babu DS 1KS11EC080 Sanjay C 1KS11EC084 Santhosh H 1KS11EC085	Laser Security System	Arduino UNO	PO1,PO2,PO3,P O5,PO9,PO10,P O11,PO12	PSO1 PSO2