



**MINI PROJECT DETAILS 2019-2020**

<b>SL. 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	Darshan S (1KS18EC019) Deepthi Andani (1KS18EC21) Divakarbabu Y (1KS18EC26) NSV Jashwanth (1KS18EC49) Darshan V (1KS18EC018)	Sequence Detector	Multisim	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
2	Parakshith S (1KS18EC58) Naga Omkar N (1KS18EC50) P Sai Govardhan (1KS18EC57) Dinesh Kumar Nayak (1KS18EC25)	Wireless AC detector Smart home security and automation	Arduino & Proteus	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
3	Monisha B R (1KS18EC048) Niharika S A (1KS18EC054)	Earthquake Detector	Arduino & Proteus	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
4	Mohammed Faizan Shafi (1KS18EC47) Jishnu S (1KS18EC35) Charan G (1KS18EC15) Ganesh P (1KS18EC28)	Digital lock	Arduino & Proteus	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2

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5	Namith R (1KS18EC52) Nishanth J Rao (1KS18EC56) Pavan Kumar P (1KS18EC59)	Street Light Control Using LDR	Arduino & Proteus	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
6	Harsh Sharma (1KS18EC30) M Nihita Yadav (1KS18EC41) A N Bhoomika Chowdary (1KS18EC01) Lavanya M (1KS18EC40) Dheeraj Raj P (1KS17EC34)	Seven Segment Display	Masm	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
7	Abhishek V (1KS18EC02) Akash R (1KS18EC06) Manoj G S (1KS18EC43) Chinappu Charan Teja Reddy (1KS18EC16)	Digital Dice	Project lab	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
8	Meghana B S (1KS18EC45) Meghana Gowda V (1KS18EC46) Navya M S (1KS18EC53) Nirosha G J (1KS18EC55)	F M Radio Receiver	Project lab	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2

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9	Ananya Ananth (1KS18EC09) Ayesha Rumaan (1KS18EC11) Janhavi K P (1KS18EC33) Megha R (1KS18EC44) Anagha S (1KS18EC08)	Cell phone detector	Project lab	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
10	K Rishika Ravi (1KS18EC37) Jhanavi V (1KS18EC34) Jyotsna B Upadhye (1KS18EC36) Karishma M (1KS18EC38) Ashritha S (1KS18EC10)	Fingerprint Door Lock		PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
11	Harshitha S (1KS18EC31) Dhanushree C (1KS18EC22) Chithritha G R (1KS18EC17)	Light Detector Using NAND Gate	Multisim	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2
12	Adithi S (1KS18EC03) Mahant Sai M (1KS18EC42) Dhrithiruth Rajanna (1KS18EC24) Jahnvi A P (1KS18EC32) C A Sushma (1KS18EC12)	Fire Alarm circuit	Arduino & Proteus	PO1,PO2,PO3,PO5,PO9,PO10,PO11,PO12	PSO1 PSO2

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13	Akhila V (1KS18EC07) Aishwarya Bandigini (1KS18EC04) Aishwarya R (1KS18EC05) Komala K V (1KS18EC39)	Temperature Sensor using LM358IC	Multisim	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
14	Dheeraj M S (1KS18EC23) C M Chaitanyavardhan (1KS18EC13) Chandan YC (1KS18EC14) G J Nithin (1KS18EC27) Gokul G (1KS18EC29)	Automatic Street Light	Arduino & Proteus	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
15	GAYATHRI P.K GAYATHRI R WARRIER DISHA SHIVANI AMULYA R JAGRUTHI.PAI	BLUETOOTH CONTROLLED LED	PSpice	PO1,PO2,PO3,PO5,PO9,P O10,PO11,P O12	PSO1 PSO2
16	LIKITHA.H AISHWARYA.B.KE MBAVI ANJALI.Y.J HIMA SHWETHA ARCHANA M YADAV MONIKA V ARYA	VIBRATION SENSORS	Arduino Uno	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
17	HARSHITHA ERAM FATHIMA BHAVANA CHAITRA KRUPA	Transistor as a Switch	PSpice	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2

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18	AISHWARYA MG MEGHANA MP MANOGNA KM ANITHA S AMRUTHA GOWRI	DIODE AS A SWITCH	PSpice	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
19	KARTHIK DHANYA SUKANTH JAYANTH ABHISHEK CHANDAN	Ultra Sonic Sensors	Multisim	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
20	MOHITH KUMAR G DANESH RAJU V DAVINO JOSEPH LAKSHMAN KUMARA B CHIRANTHANA YOGANANDA.K CHENNREDDY RAJSHEKAR	AUTOMATED STREET LIGHT	Arduino Uno	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
21	ABHILASH AS HEMANTH PATIL MOHAMMED RAKHEEB NAYAN D BHARATH KUMAR R DHEEMANTH	IC 741 COMPARATOR		PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
22	AKSHITHA ASHRITHA R CHANDANA L LOKESHWARI M MANU N KANDRA	TO OPERATE A SMALL LOUDSPEAKER USING IC555 TIMER	Multisim	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2

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23	AKSHAY KUMAR KRUTHIK KASHYAP HARSHA SAI SIDDARTH	LASER LIGHT SECURITY SYSTEM	Arduino & Proteus	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
24	DINESH KUMAR NAYAK NAGA Omkar Pariskshith Sai Goverdhan	Smart Home Security And Automation	Multisim	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2
25	Anirudh KN Sudhanshu S Sharma Vivek R	Automatic Billing and Payment	Arduino & Proteus	PO1,PO2,PO3, PO5,PO9,PO10, PO11,PO12	PSO1 PSO2