

MINI / MICRO PROJECTS:

A mini project is a small-scale, practical implementation of engineering concepts that allows students to apply theoretical knowledge to solve real-world problems. It usually takes place in the pre-final year of undergraduate programs and serves as a precursor to the major/final year project.

Mini Project is carried out to enable students to learn coding with or without integrated environment, presentation and generation of report. Mini projects are included in the curriculum for 5th semester which helps the students to have an insight of the different stages of Software Development Life Cycle and prepares them to the industry. The mini project assessment is evaluated for 100 marks based on following rubric metric.

Evaluation Criteria:

Component	Parameter	Description	Max. Marks
Mini Project	Presentation	Clarity of objectives, technical content, organization, use of visuals/slides	30
	Demo	Working demonstration, functionality, innovation, practical relevance	30
	Project Report	Structure, technical depth, formatting, references, and documentation quality	15
	Viva	Subject knowledge, problem understanding, ability to answer queries, confidence	25
Total			100

Components	Parameter	Maximum Marks	Total Marks
Mini Project	Presentation	30	100
	Demo	30	
	Project Report	15	
	Viva	25	

Table: 1: Rubrics for Mini Project

Academic year 2023-2024

S.N O	REG NO.	NAME	TITLE
1	810421106007	Abitha T	Arduino Based Smart Home Technology
2	810421106030	Gobika K	
3	810421106047	Kalki Aiswarya B	
4	81042106304	Jeeva M	
5	810421106003	Abimanyu M	Automatic Road Reflector Light
6	810421106004	Abinash R	
7	810421106039	Inbarasan S	
8	810421106053	Krishnakanth Kc	
9	810421106062	Mano Ranjan M	
10	810421106005	Abinaya K	Arduino Board Based Smart Phone Charging Controller
11	810421106009	Anisha M	
12	810421106029	Gayathri N	
13	810421106022	Deepika B	
14	810421106013	Arularasu A	Door Opening Alarm Using NPN Transistor Bc547
15	810421106025	Dinesh Kumar B	
16	810421106027	Elamurugan E	

17	810421106032	Gokulraj.S	
18	810421106302	Bharanidharan B	
19	810421106002	Abi S	IoT-Based Real Time Weather Monitoring And Reporting System
20	810421106006	Abirami S	
21	810421106052	Kiruthika S	
22	810421106054	Lincy Josephina A	
23	810421106056	Loshini S	
24	810421106038	Hemanath V	Real Time Sensors Web Applications For Infra Structure Monitoring
25	810421106042	Jothiprasanna S	
26	810421106048	Karthi K	
27	810421106045	Kabilan P	
28	810421106058	Madhesh S	
29	810421106026	Divyabharathi S	LPG Gas Leakage Detection System With Auto Cutoff Regulator Using Arduino
30	810421106037	Harisha K	
31	810421106043	Juno Sheriba L	
32	810421106041	Jeevitha S	
33	810421106066	Mohammed Javith A	Design And Analysis Of SISO And MIMO Patch Antenna For 5g Wireless Communication Systems
34	810421106077	Pradeep K	
35	810421106085	Raja Rohit Kumar Sah	
36	810421106086	Roja N	Electronic Letter Box Alarm By Using Microcontroller
37	810421106093	Sanjeevini E	
38	810421106098	Shanmathy K	

39	810421106100	Sharmila M	
40	810421106115	Swetha P	Driver Anti sleeping Alarm Device Using Eye blink Sensor And Arduino
41	810421106107	Sri Devikala B	
42	810421106104	Sivaranjani S	
43	810421106124	Yogeshwari P	
44	810421106102	Sivaparthasarathy G M	
45	810421106126	Yuvaraj C	Ignition Control With Alcohol Detection In Motorcycles
46	810421106303	Dishore Immanuvel	
47	810421106305	Kathiravan	
48	810421106308	Vignesh G	
49	810421106068	Mohan Babu M	Anti-Sleep Alert Detector For Drivers Based On Arduino
50	810421106072	Naveen M	
51	810421106074	Nishanth S	
52	810421106103	Sivaraj M	
53	810421106084	Rajamohan S	Arduino Powered Human Following Robot
54	810421106088	Saffiyulla D	
55	810421106092	Sanjeev S	
56	810421106112	Suriya Prakash T	
57	810421106121	Vignesh R	
58	810421106307	Sanjay S	
59	810421106082	Praveen Kumar S	Automatic Car Parking
60	810421106090	Sanjai T	

61	810421106096	Sarathy K	Arduino Stepper Motor Control
62	810421106108	Srikanth S	
63	810421106306	Manikandan L	
64	810421106099	Shapna H	
65	810421106106	Sneha G	
66	810421106119	Varsha K	

Table: 2: Mini Project details for academic year 2023-2024