

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 2022-2023

S.NO	REG. NO	NAME OF THE STUDENTS	TITLE
1	DSUG20106037	Parasakthi B	Wi-Fi Control Car
2	DSUG20106038	Ponnarasi S	
3	DSUG20106042	Rosario Katherin.A	
4	DSUG20106024	Kathiravan K	IOT Based Garbage Monitoring Smart Dustbin using Arduino
5	DSUG20106031	Mathiyazhagan C	
6	DSUG20106036	Niranjan B	
7	DSUG20106001	Abinash A	Alcohol Indicator
8	DSUG20106002	Abinesh M	
9	DSUG20106006	Babu S	
10	DSUG20106007	Balamurugan V	Mobile Jammer using Coil Antenna
11	DSUG20106026	Kishore Athavan R	
12	DSUG20106027	Kovendhan P	
13	DSUG20106009	Boopalan D	Moisture Control System
14	DSUG20106010	Chandru S	
15	DSUG20106017	Jagatheesh A	
16	DSUG20106023	Kathir Velan G	

17	DSUG20106030	Madhavan S	MP3 Player using Arduino & DF player mini
18	DSUG20106035	Naveen Kumar S	
19	DSUG20106020	Kannan G	Flame and Smoke Detector
20	DSUG20106022	Karhikeyan V	
21	DSUG20106021	Karthick B	
22	DSUG20106008	Barathwaj M	Automatic Street Light Controller
23	DSUG20106014	Gobinath S	
24	DSUG20106043	Sabi P	LIFI Technology
25	DSUG20106044	Santhanalakshmi S	
26	DSUG20106019	Lokeshwari S	Object detection and vibration alert for Blind with relay
27	DSUG20106029	Kamini P	
28	DSUG20106032	Mathiyazhagan P	Automatic Car Head Light Dimmer
29	DSUG20106040	Raj Kumar M	
30	DSUG20106012	Dinesh K	
31	DSUG20106011	Dhanalakshmi V	Moisture Control System
32	DSUG20106013	Gilda Vincy M	
33	DSUG20106004	Ambika A	
34	DSUG20106005	Anusha Devi S	
35	DSUG20106016	Gopi Krishnan G	Battery Level Indicator
36	DSUG20106045	V.Santhosh	
37	DSUG20106015	Gokul Raaj R	Anti Sleep Alarm for Drivers
38	DSUG20106018	Jayasakthiyam J	

39	DSUG20106034	Muthuraj A	
40	DSUG20106041	Ramesh M	Short Circuit Indicator

Table: 2: Mini Project details for academic year 2022-2023