**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**

**Mini Project Details for Academic year 2024-2025**

| S.NO | REGISTER NO | NAME | TITLE |
|---|---|---|---|
| 1 | 810422106001 | Aadhithyan R | Water Tank Monitoring System Using Arduino |
| 2 | 810422106024 | Dhesingurajan J | |
| 3 | 810422106047 | Karthikeyan G | |
| 4 | 810422106002 | Abdul Kader Nafeel S | Radar System Using Ardiuno |
| 5 | 810422106014 | Ashok M | |
| 6 | 810422106031 | Gokulnath P | |
| 7 | 810422106003 | Abishekraj B | Signal Jammer |
| 8 | 810422106008 | Anbuvel S | |
| 9 | 810422106054 | Kulandhai Mani R | |
| 10 | 810422106004 | Abivarman M | Home Automation Using Bluetooth |
| 11 | 810422106012 | Aravind Kumar A | |
| 12 | 810422106040 | Hemath D | |
| 13 | 810422106005 | Ajitha S | Iot Based Weather Monitoring System |
| 14 | 810422106025 | Dhivya C | |
| 15 | 810422106060 | Mahalakshmi M | |

| | | | |
|---|---|---|---|
| 16 | 810422106006 | Akash D | Street Light Controller |
| 17 | 810422106034 | Hari Prasath M | |
| 18 | 810422106035 | Hariharan M | |
| 19 | 810422106007 | Akshaya P | Earth Quake Detector System |
| 20 | 810422106010 | Anushiya K | |
| 21 | 810422106044 | Jerita Nelci A | |
| 22 | 810422106111 | S.Siva Kumaran | Radar Using Arduino |
| 23 | 810422106097 | M.Sanjai Kumar | |
| 24 | 810422106099 | L.Santhosh Kumar | |
| 25 | 810422106124 | S.Vijay Prasad | |
| 26 | 810422106078 | K.Prabhakaran | Automatic Street Light Using Iot |
| 27 | 810422106107 | Shanmuganathan.K | |
| 28 | 810422106100 | S.Saran | |
| 29 | 810422106079 | P.Prakash | |
| 30 | 810422106062 | S.Manoj Kumar | Smart People Counter Using Motion Sensor |
| 31 | 810422106090 | J.Rajasurya | |
| 32 | 810422106109 | U.Sivapradhosh | |
| 33 | 810422106104 | K.Selvakrishnan | |
| 34 | 810422106309 | M.T.Muralidharan | Footstep Power Generation Using Piezoelectric Plate |
| 35 | 810422106311 | B.Rithik | |
| 36 | 810422106098 | Sanjay.R | |
| 37 | 810422106093 | D.Sabariraj | |
| 38 | 810422106076 | Nithish.M | |

| | | | |
|---|---|---|---|
| 39 | 810422106075 | Nithish.M | Real Time Water Tank Monitoring System |
| 40 | 810422106096 | S.Sakthi | |
| 41 | 810422106119 | Thiruvarasan | |
| 42 | 810422106068 | Mohammed Faisal | Iot Based Gas Leakage Detection System |
| 43 | 810422106094 | T.Sabari Selvan | |
| 44 | 810422106070 | R.Mohanan | |
| 45 | 810422106082 | M.V.Praveen | |
| 46 | 810422106126 | J.Yogeshwaran | Smart Irrigation System |
| 47 | 810422106110 | P.Sivabalan | |
| 48 | 810422106122 | P.Vengadeshwaran | |
| 49 | 810422106112 | R.Sivanesh | |

**Table: 2: Mini Project details for academic year 2024-2025**