



### 1.3.3 NUMBER OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP/IN-HOUSE TRAINING

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| S.No         | Department | IHT/<br>Internship | Project Field<br>visit/<br>Local visit | Mini<br>Project/<br>Creative<br>Innovative<br>Project | Survey<br>Camp |
|--------------|------------|--------------------|----------------------------------------|-------------------------------------------------------|----------------|
| 1            | CIVIL      | 56                 | 21                                     | 21                                                    | 20             |
| 2            | CSE        | 94                 | 49                                     | 66                                                    | -              |
| 3            | ECE        | 107                | 39                                     | -                                                     | -              |
| 4            | EEE        | 22                 | 9                                      | 40                                                    | -              |
| 5            | MECH       | 87                 | 45                                     | 78                                                    | -              |
| <b>TOTAL</b> |            | <b>366</b>         | <b>163</b>                             | <b>205</b>                                            | <b>20</b>      |

*K. Chellappan*  
29/5/23  
IQAC COORDINATOR

*J. Ramesh*  
29/5/2023  
PRINCIPAL



## ACADEMIC YEAR 2022-2023

### **1.3.3 NUMBER OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP DURING THE YEAR**

| Program Name               | Program Code | Name of the Course that Include Experiential Learning Through Project Work/Field work/Internship | Course Code | Year of Offering | Name of the Student Studied Course on Experiential Learning Through Project Work/Field Work/Internship |
|----------------------------|--------------|--------------------------------------------------------------------------------------------------|-------------|------------------|--------------------------------------------------------------------------------------------------------|
| <b>CIVIL</b>               |              |                                                                                                  |             |                  |                                                                                                        |
| <b>SURVEY CAMP</b>         |              |                                                                                                  |             |                  |                                                                                                        |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Bharath G                                                                                              |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Dharun Kumar K                                                                                         |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Hariharan B                                                                                            |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Jailakshman S                                                                                          |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Jenova Jasmine N                                                                                       |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Kathireswari P                                                                                         |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Kiruthikasri J                                                                                         |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Maharish H                                                                                             |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Mohamed Faisal B                                                                                       |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Nikesha J                                                                                              |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Sneha S                                                                                                |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Sriram M C                                                                                             |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Vishnu R                                                                                               |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Akaramuthalvan D                                                                                       |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Athithiyan E                                                                                           |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Dulasiram S                                                                                            |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Hari Haran U                                                                                           |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Joshuva M                                                                                              |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Krishna Kanth N                                                                                        |
| B.E-CIVIL                  | 103          | Survey Camp                                                                                      | CE8513      | 2022-2023        | Madhavan S                                                                                             |
| <b>PROJECT FIELD VISIT</b> |              |                                                                                                  |             |                  |                                                                                                        |
| B.E-CIVIL                  | 103          | Project Field visit                                                                              | CE8811      | 2022-2023        | Agalya B                                                                                               |
| B.E-CIVIL                  | 103          | Project Field visit                                                                              | CE8811      | 2022-2023        | Anbumani S                                                                                             |
| B.E-CIVIL                  | 103          | Project Field visit                                                                              | CE8811      | 2022-2023        | Arunkumar M                                                                                            |
| B.E-CIVIL                  | 103          | Project Field visit                                                                              | CE8811      | 2022-2023        | Arunprasad S                                                                                           |
| B.E-CIVIL                  | 103          | Project Field visit                                                                              | CE8811      | 2022-2023        | Divya S                                                                                                |



|                                        |     |                                 |        |           |                |
|----------------------------------------|-----|---------------------------------|--------|-----------|----------------|
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Janani T S     |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Jayachandran N |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Jayaseelan M   |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Kuralarasan R  |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Madhumitha R   |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Monika M       |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Premkumar J    |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Rengeswari R   |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Rubika M       |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Santhosh S     |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Sathya P       |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Stalin P       |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Vimal R        |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Daniel Navis F |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Karthikeyan R  |
| B.E-CIVIL                              | 103 | Project Field visit             | CE8811 | 2022-2023 | Abirami S      |
| <b>CREATIVE AND INNOVATIVE PROJECT</b> |     |                                 |        |           |                |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Agalya B       |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Anbumani S     |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Arunkumar M    |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Arunprasad S   |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Divya S        |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Janani T S     |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Jayachandran N |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Jayaseelan M   |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Kuralarasan R  |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Madhumitha R   |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Monika M       |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Premkumar J    |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Rengeswari R   |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Rubika M       |
| B.E-CIVIL                              | 103 | Creative and Innovative Project | CE8711 | 2022-2023 | Santhosh S     |

|                   |     |                                                 |        |           |                |
|-------------------|-----|-------------------------------------------------|--------|-----------|----------------|
| B.E-CIVIL         | 103 | Creative and Innovative Project                 | CE8711 | 2022-2023 | Sathya P       |
| B.E-CIVIL         | 103 | Creative and Innovative Project                 | CE8711 | 2022-2023 | Stalin P       |
| B.E-CIVIL         | 103 | Creative and Innovative Project                 | CE8711 | 2022-2023 | Vimal R        |
| B.E-CIVIL         | 103 | Creative and Innovative Project                 | CE8711 | 2022-2023 | Daniel Navis F |
| B.E-CIVIL         | 103 | Creative and Innovative Project                 | CE8711 | 2022-2023 | Karthikeyan R  |
| B.E-CIVIL         | 103 | Creative and Innovative Project                 | CE8711 | 2022-2023 | Abirami S      |
| <b>INTERNSHIP</b> |     |                                                 |        |           |                |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Agalya B       |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Anbumani S     |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Divya S        |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Janani T S     |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Jayachandran N |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Jayaseelan M   |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Kuralarasan R  |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Madhumitha R   |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Monika M       |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Rengeswari R   |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Rubika M       |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Santhosh S     |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Sathya P       |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Stalin P       |
| B.E-CIVIL         | 103 | Mission Amrit Sarovar - Jal Dharohar Internship | CE8361 | 2022-2023 | Daniel Navis F |
| <b>IHT</b>        |     |                                                 |        |           |                |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building        | CE8811 | 2022-2023 | Bharath G      |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building        | CE8811 | 2022-2023 | Dharun Kumar K |
| B.E-CIVIL         | 103 | 2D drafting and Annotation                      | CE8711 | 2022-2023 | Hariharan B    |

|           |     |                                                           |        |           |                  |
|-----------|-----|-----------------------------------------------------------|--------|-----------|------------------|
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Jailakshman S    |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Jenova Jasmine N |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Kathireswari P   |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Kiruthikasri J   |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Maharish H       |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Mohamed Faisal B |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Nikesha J        |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Sneha S          |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Sriram M C       |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Vishnu R         |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Akaramuthalvan D |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Athithiyan E     |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Dulasiram S      |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Hari Haran U     |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Joshuva M        |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Krishna Kanth N  |
| B.E-CIVIL | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Madhavan S       |
| B.E-CIVIL | 103 | 2D drafting and Annotation                                | CE8711 | 2022-2023 | Agalya B         |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Anbumani S       |
| B.E-CIVIL | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Arunkumar M      |

|                   |     |                                                           |        |           |                    |
|-------------------|-----|-----------------------------------------------------------|--------|-----------|--------------------|
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Arunprasad S       |
| B.E-CIVIL         | 103 | 2D drafting and Annotation                                | CE8711 | 2022-2023 | Divya S            |
| B.E-CIVIL         | 103 | 2D drafting and Annotation                                | CE8711 | 2022-2023 | Janani T S         |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Jayachandran N     |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Jayaseelan M       |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Kuralarasan R      |
| B.E-CIVIL         | 103 | 2D drafting and Annotation                                | CE8711 | 2022-2023 | Madhumitha R       |
| B.E-CIVIL         | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Monika M           |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Premkumar J        |
| B.E-CIVIL         | 103 | 2D drafting and Annotation                                | CE8711 | 2022-2023 | Rengeswari R       |
| B.E-CIVIL         | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Rubika M           |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Santhosh S         |
| B.E-CIVIL         | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Sathya P           |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Stalin P           |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Vimal R            |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Daniel Navis F     |
| B.E-CIVIL         | 103 | Site Supervision Of Residential Building                  | CE8811 | 2022-2023 | Karthikeyan R      |
| B.E-CIVIL         | 103 | Auto Cadd, Estimation And Basic Knowledge Of Construction | CE8701 | 2022-2023 | Abirami S          |
| <b>CSE</b>        |     |                                                           |        |           |                    |
| <b>INTERNSHIP</b> |     |                                                           |        |           |                    |
| B.E - CSE         | 104 | Internship                                                | CS8651 | 2022-2023 | Aarthi. R          |
| B.E - CSE         | 104 | Internship                                                | CS8691 | 2022-2023 | Aiyappan. S        |
| B.E - CSE         | 104 | Internship                                                | CS8691 | 2022-2023 | Ajay Prasanna. G S |
| B.E - CSE         | 104 | Internship                                                | CS8691 | 2022-2023 | Akash .K           |
| B.E - CSE         | 104 | Internship                                                | CS8601 | 2022-2023 | Akshayalakshmi. G  |
| B.E - CSE         | 104 | Internship                                                | CS8691 | 2022-2023 | Aravind. A         |
| B.E - CSE         | 104 | Internship                                                | CS8691 | 2022-2023 | Avudaiappan .A B   |

|           |     |            |        |           |                    |
|-----------|-----|------------|--------|-----------|--------------------|
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Bakiya Lakshmi .A  |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Balakrishnan. M    |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Bavya. S           |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Bhavatharani .T    |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Deepika. P         |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Devipriya. S       |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Dharani. G         |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Divakaran. J       |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Elayadharshini .T  |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Fasila Afreen .J   |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Gokul .M           |
| B.E - CSE | 104 | Internship | GE8151 | 2022-2023 | Gomathi .A         |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Gopinath. P        |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Govindharajan. K   |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Kamali. K          |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Kanishkar .K       |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Karkuzhali. N      |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Karthika. R        |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Mohamed Yasir. A   |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Muralidharan. N    |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Nandhini. J        |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Pavitha .P         |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Priyadharshini .E  |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Ramakrishnan .E    |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Rethinapriya. T    |
| B.E - CSE | 104 | Internship | GE8151 | 2022-2023 | Sachin .R          |
| B.E - CSE | 104 | Internship | GE8151 | 2022-2023 | Sathish .T         |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Selvabharathi. S   |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Shakthivel .M      |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Siva .G            |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Sivaranjani . S    |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Suguna. S          |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Suresh Karthik .J  |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Suruthi. S         |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Surya. A           |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Swetha. S          |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Tharanika. K       |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Varun. K           |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Vengatramanan. S   |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Vignesh. K         |
| B.E - CSE | 104 | Internship | CS8691 | 2022-2023 | Vikiramadhithan .M |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Viswa .A           |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Suruthi.S          |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Aasha J            |

|           |     |            |        |           |                  |
|-----------|-----|------------|--------|-----------|------------------|
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Ajay S           |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Arunothaya A C   |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Atchaya R V      |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Bhavatharani V   |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Boomika R        |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Deepan S         |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Deepika K        |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Dinesh S         |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Eswar S          |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Gayathri M       |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Geetha I         |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Harish B         |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Jayavani K       |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Jeno Vinnarasi A |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Karthika M       |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Kayalvizhi K     |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Keerthiga S      |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Lavanya J        |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Mahalakshmi V    |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Mohamed Sameer S |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Muhilan E        |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Nandhini S       |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Nivetha S        |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Parkavi D        |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Prakash A        |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Priyarani.B      |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Ragul Sankar J   |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Reena S          |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Safreenbanu S    |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Santhosh Kumar G |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Sathya A         |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Sathya R         |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Snega S          |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Sneha E          |
| B.E - CSE | 104 | Internship | CS8651 | 2022-2023 | Sneha P(23/5)    |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Suruthiga C      |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Thirumurugan S   |
| B.E - CSE | 104 | Internship | CS8601 | 2022-2023 | Vanathi G        |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Varsha N N       |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Vasinya M        |
| B.E - CSE | 104 | Internship | CS8392 | 2022-2023 | Vichithra V      |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Vinthiya M       |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Yokeshwari P     |
| B.E - CSE | 104 | Internship | CS8811 | 2022-2023 | Selvapriya A     |



| CSE/Project Work |     |                     |        |           |                    |
|------------------|-----|---------------------|--------|-----------|--------------------|
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Aarthi. R          |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Aiyappan. S        |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Ajay Prasanna. G S |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Akash .K           |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Akshayalakshmi. G  |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Aravind. A         |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Avudaiappan .A B   |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Bakiya Lakshmi .A  |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Balakrishnan. M    |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Bavya. S           |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Bhavatharani .T    |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Deepika. P         |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Devipriya. S       |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Dharani. G         |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Divakaran. J       |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Elayadharshini .T  |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Fasila Afreen .J   |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Gokul .M           |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Gomathi .A         |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Gopinath. P        |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Govindharajan. K   |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Kamali. K          |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Kanishkar .K       |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Karkuzhali. N      |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Karthika. R        |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Mohamed Yasir. A   |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Muralidharan. N    |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Nandhini. J        |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Pavitha .P         |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Priyadharshini .E  |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Ramakrishnan .E    |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Rethinapriya. T    |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Sachin .R          |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Sathish .T         |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Selvabharathi. S   |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Shakthivel .M      |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Siva .G            |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Sivaranjani . S    |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Suguna. S          |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Suresh Karthik .J  |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Suruthi. S         |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Surya. A           |
| B.E - CSE        | 104 | Project Field Visit | CS8811 | 2022-2023 | Swetha. S          |

|                         |     |                     |        |           |                  |
|-------------------------|-----|---------------------|--------|-----------|------------------|
| B.E - CSE               | 104 | Project Field Visit | CS8811 | 2022-2023 | Tharanika. K     |
| B.E - CSE               | 104 | Project Field Visit | CS8811 | 2022-2023 | Varun. K         |
| B.E - CSE               | 104 | Project Field Visit | CS8811 | 2022-2023 | Vengatramanan. S |
| B.E - CSE               | 104 | Project Field Visit | CS8811 | 2022-2023 | Vignesh. K       |
| B.E - CSE               | 104 | Project Field Visit | CS8811 | 2022-2023 | Viswa .A         |
| B.E - CSE               | 104 | Project Field Visit | CS8811 | 2022-2023 | Suruthi. S       |
| <b>CSE/Mini Project</b> |     |                     |        |           |                  |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Aasha J          |
| B.E - CSE               | 104 | mini project        | CS8611 | 2022-2023 | Deepika K        |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Jayavani K       |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Arunothaya A C   |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Atchaya R V      |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Boomika R        |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Jeno Vinnarasi A |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Geetha I         |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Bhavatharani V   |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Nandhini S       |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Snega S          |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Gayathri M       |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Sneka P(19/6)    |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Sneha E          |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Vanathi G        |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Karthika M       |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Priyarani.B      |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Nivetha S        |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Kayalvizhi K     |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Lavanya J        |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Mahalakshmi V    |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Sneha P(23/5)    |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Keerthiga S      |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Parkavi D        |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Vasinya M        |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Vinthiya M       |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Reena S          |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Sathya R         |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Selvapriya.A     |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Safreenbanu S    |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Vichithra V      |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Yokeshwari P     |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Sathya A         |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Suruthiga C      |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Varsha N N       |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Ajay S           |
| B.E - CSE               | 104 | Mini Project        | CS8611 | 2022-2023 | Deepan S         |

|                   |     |                                |         |           |                    |
|-------------------|-----|--------------------------------|---------|-----------|--------------------|
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Elamaran S         |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Naresh Kumar N     |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Ashwin V           |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Nithish S          |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Rishi Kumar R      |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Vasanth M          |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Balamurugan M      |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Barathraj R        |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Murugaraj M        |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Santhosh Kumar G   |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Deepak Kumar D     |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Krishnakumar G     |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Suriyaprakash M    |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Dinesh S           |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Eswar S            |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Mohamed Sameer S   |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Ragul Sankar J     |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Harish B           |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Sarvesh S          |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Siva M             |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Thirumurugan K     |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Rajkumar K         |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Rajesh Kannan C    |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Thirumurugan S     |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Vijay S            |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Dineshkumar R      |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Muhilan E          |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Prakash A          |
| B.E - CSE         | 104 | Mini Project                   | CS8611  | 2022-2023 | Guhan D            |
| <b>ECE</b>        |     |                                |         |           |                    |
| <b>INTERNSHIP</b> |     |                                |         |           |                    |
| B.E-ECE           | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Ajay A             |
| B.E-ECE           | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Amar Samuel L      |
| B.E-ECE           | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Anburaj R          |
| B.E-ECE           | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Anjaline Sneka J   |
| B.E-ECE           | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Anusuya V          |
| B.E-ECE           | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Deepakraj T        |
| B.E-ECE           | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Devadharshini B    |
| B.E-ECE           | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Dhivya Dharshini M |
| B.E-ECE           | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Durgadevi G        |

|         |     |                                    |         |           |                     |
|---------|-----|------------------------------------|---------|-----------|---------------------|
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Guru Ragavan R K    |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Hariharan D         |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Jaishree A          |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Janani B            |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Jothika G           |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Kavi Nila J         |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Keertiga S          |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Kirthickvasan S     |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Logeshwaran M       |
| B.E-ECE | 106 | Digital Communication              | EC8501  | 2022-2023 | Mahalakshmi R       |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Maniyarasi R        |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Nandhini R          |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Natika K S          |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Navin G             |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Nivya P             |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Preethi S           |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Priyadharshini J    |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Priyanga R          |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Ranjith M           |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Sandeep R           |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Sathishkannan S     |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Shafrin S           |
| B.E-ECE | 106 | Digital Communication              | EC8501  | 2022-2023 | Shanmugapriya V     |
| B.E-ECE | 106 | Digital Communication              | EC8501  | 2022-2023 | Sivasethumathavan D |
| B.E-ECE | 106 | Digital Communication              | EC8501  | 2022-2023 | Suruthi S           |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Solaimani G         |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Swathi Shuki M      |
| B.E-ECE | 106 | Digital Communication              | EC8501  | 2022-2023 | Thirishamalini T    |

|         |     |                                    |         |           |                   |
|---------|-----|------------------------------------|---------|-----------|-------------------|
| B.E-ECE | 106 | Digital Communication              | EC8501  | 2022-2023 | Tamilazhahi M     |
| B.E-ECE | 106 | Digital Communication              | EC8501  | 2022-2023 | Thenmozhi J       |
| B.E-ECE | 106 | Digital Communication              | EC8501  | 2022-2023 | Thiyahalakshimi T |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Venkatesh M (Voc) |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Vennila D         |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Vigneshwari A     |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Jananarthanan R   |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Madhan S          |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Abinash A         |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Abinitha M        |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Arivazhagan G     |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Arun S            |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Ashwini R         |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Dharshini K       |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Dinesh Kumar K    |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Eniyarasi P       |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Gayathri S        |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Gowsika M         |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Hariharan A       |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Harinilakshmi V   |
| B.E-ECE | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | Janarthanan V     |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Jaya Prasad P     |
| B.E-ECE | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | Kalaiselvi S      |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Kaushika Chand S  |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Keerthika P       |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Kevan Joans J     |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Krishnamoorthy V  |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Maadheswaran K    |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Madhumitha S      |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Maheswaran D      |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Manikandan S      |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Manoj L           |
| B.E-ECE | 106 | VLSI Design.                       | EC8095  | 2022-2023 | Mohamed Rizwan S  |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Mohamed Yaseen M  |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Mosikkeeran P     |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Mukilvannan M     |
| B.E-ECE | 106 | Communication Theory               | EC8491  | 2022-2023 | Nithish Devi K    |

|                                     |     |                                |         |           |                      |
|-------------------------------------|-----|--------------------------------|---------|-----------|----------------------|
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Oviya R              |
| B.E-ECE                             | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Pandi Meena K        |
| B.E-ECE                             | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Prakash Antony K     |
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Praveen Kumar R      |
| B.E-ECE                             | 106 | Communication Theory           | EC8491  | 2022-2023 | Prithish M           |
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Punniya Moorthy C M  |
| B.E-ECE                             | 106 | Communication Theory           | EC8491  | 2022-2023 | Rajeshwari T         |
| B.E-ECE                             | 106 | Communication Theory           | EC8491  | 2022-2023 | Rajkumar D           |
| B.E-ECE                             | 106 | Communication Theory           | EC8491  | 2022-2023 | Rani Chandra V       |
| B.E-ECE                             | 106 | Communication Theory           | EC8491  | 2022-2023 | Renuga Devi S        |
| B.E-ECE                             | 106 | Communication Theory           | EC8491  | 2022-2023 | Sabetha M            |
| B.E-ECE                             | 106 | Communication Theory           | EC8491  | 2022-2023 | Sajjeevan M          |
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Sanjay V             |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Saravanan S          |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Seran B              |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Sneharaj             |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Somasundaram S       |
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Someshwaran T        |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Sudharsan P          |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Sujithra T           |
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Suriya Prakash M     |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Swathi V             |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Thirunithi K         |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Vadivu G             |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Vasikaran C          |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Vasu Deva Krishnan S |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Vijayadharshini J    |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Yamuna D             |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Yuvaraj R            |
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Raakesh .T           |
| B.E-ECE                             | 106 | Digital Communication          | EC8501  | 2022-2023 | Rajkumar.K           |
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Anith Apel J         |
| B.E-ECE                             | 106 | VLSI Design.                   | EC8095  | 2022-2023 | Sarabesh Kumar.S     |
| <b>FIELD VISIT NIFTEM THANJAVUR</b> |     |                                |         |           |                      |
| B.E-ECE                             | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Abinash A            |
| B.E-ECE                             | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Abinitha M           |
| B.E-ECE                             | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Arivazhagan G        |
| B.E-ECE                             | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Arun S               |
| B.E-ECE                             | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Ashwini R            |

|         |     |                                |         |           |                  |
|---------|-----|--------------------------------|---------|-----------|------------------|
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Dharshini K      |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Dinesh Kumar K   |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Eniyarasi P      |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Gayathri S       |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Gowsika M        |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Hariharan A      |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Harinilakshmi V  |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Janarthanan V    |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Jaya Prasad P    |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Kalaiselvi S     |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Kaushika Chand S |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Keerthika P      |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Kevan Joans J    |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Krishnamoorthy V |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Maadheswaran K   |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Madhumitha S     |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Maheswaran D     |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Manikandan S     |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Manoj L          |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Manoj Kumar I    |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Mohamed Rizwan S |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Mohamed Yaseen M |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Mosikkeeran P    |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Mukilvannan M    |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Nithish K        |



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|---------|-----|--------------------------------|---------|-----------|---------------------|
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Nithish Devi K      |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Oviya R             |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Pandi Meena K       |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Pragadheeshwaran P  |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Prakash Antony K    |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Praveen Kumar R     |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Prithish M          |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Punniya Moorthy C M |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Rajeshwari T        |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Rajkumar D          |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Rani Chandra V      |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Renuga Devi S       |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Sabetha M           |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Sajjeevan M         |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Sanjay V            |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Saravanan S         |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Seran B             |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Sneharaj            |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Somasundaram S      |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Someshwaran T       |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Sudharsan P         |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Sujithra T          |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Suriya Prakash M    |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Swathi V            |
| B.E-ECE | 106 | Embedded and Real Time Systems | EC 8791 | 2022-2023 | Thirunithi K        |

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|-----------------------------------------|-----|---------------------------------|---------|-----------|----------------------|
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Vadivu G             |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Vasikaran C          |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Vasu Deva Krishnan S |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Vijayadharshini J    |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Yamuna D             |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Yuvaraj R            |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Raakesh .T           |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Rajkumar.R           |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Anith Apel J         |
| B.E-ECE                                 | 106 | Embedded and Real Time Systems  | EC 8791 | 2022-2023 | Sarabesh Kumar.S     |
| <b>LOCAL VISIT- NIT Tiruchirappalli</b> |     |                                 |         |           |                      |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Abinash A            |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Abinitha M           |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Arivazhagan G        |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Arun S               |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Ashwini R            |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Dharshini K          |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Dinesh Kumar K       |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Eniyarasi P          |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Gayathri S           |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Gowsika M            |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Hariharan A          |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Harinilakshmi V      |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Janarthanan V        |
| B.E-ECE                                 | 106 | Electronic Devices and circuits | EC3353  | 2022-2023 | Jaya Prasad P        |

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|---------|-----|---------------------------------|--------|-----------|---------------------|
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Kalaiselvi S        |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Kaushika Chand S    |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Keerthika P         |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Kevan Joans J       |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Krishnamoorthy V    |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Maadheswaran K      |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Madhumitha S        |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Maheswaran D        |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Manikandan S        |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Manoj L             |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Manoj Kumar I       |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Mohamed Rizwan S    |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Mohamed Yaseen M    |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Mosikkeeran P       |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Mukilvannan M       |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Nithish K           |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Nithish Devi K      |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Oviya R             |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Pandi Meena K       |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Pragadheeshwaran P  |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Prakash Antony K    |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Praveen Kumar R     |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Prithish M          |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Punniya Moorthy C M |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Rajeshwari T        |

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|---------|-----|---------------------------------|--------|-----------|----------------------|
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Rajkumar D           |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Rani Chandra V       |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Renuga Devi S        |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Sabetha M            |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Sajjeevan M          |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Sanjay V             |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Saravanan S          |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Seran B              |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Sneharaj             |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Somasundaram S       |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Someshwaran T        |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Sudharsan P          |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Sujithra T           |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Suriya Prakash M     |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Swathi V             |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Thirunithi K         |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Vadivu G             |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Vasikaran C          |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Vasu Deva Krishnan S |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Vijayadharshini J    |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Yamuna D             |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Yuvaraj R            |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Raakesh .T           |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Rajkumar.R           |
| B.E-ECE | 106 | Electronic Devices and circuits | EC3353 | 2022-2023 | Anith Apel J         |

|                     |     |                                    |         |           |                   |
|---------------------|-----|------------------------------------|---------|-----------|-------------------|
| B.E-ECE             | 106 | Electronic Devices and circuits    | EC3353  | 2022-2023 | Sarabesh Kumar.S  |
| <b>PROJECT WORK</b> |     |                                    |         |           |                   |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | K.Priyanka        |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | B.Shathana        |
| B.E-ECE             | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | K.Gayathri        |
| B.E-ECE             | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | K.Ishwarya        |
| B.E-ECE             | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | K.Saraswathi      |
| B.E-ECE             | 106 | Digital Image Processing           | EC8093  | 2022-2023 | R.Jothika         |
| B.E-ECE             | 106 | Digital Image Processing           | EC8093  | 2022-2023 | U.Nithitha        |
| B.E-ECE             | 106 | Digital Image Processing           | EC8093  | 2022-2023 | P.Pavithra        |
| B.E-ECE             | 106 | Digital Image Processing           | EC8093  | 2022-2023 | G.Vaishnavi       |
| B.E-ECE             | 106 | Wireless Communication             | EC8652  | 2022-2023 | L.Ganga           |
| B.E-ECE             | 106 | Wireless Communication             | EC8652  | 2022-2023 | R.Ganga           |
| B.E-ECE             | 106 | Wireless Communication             | EC8652  | 2022-2023 | V.Maheshwari      |
| B.E-ECE             | 106 | Wireless Communication             | EC8652  | 2022-2023 | S.Nivethitha      |
| B.E-ECE             | 106 | Wireless Communication             | EC8652  | 2022-2023 | P.Kabishena       |
| B.E-ECE             | 106 | Wireless Communication             | EC8652  | 2022-2023 | B.Prethiya        |
| B.E-ECE             | 106 | Wireless Communication             | EC8652  | 2022-2023 | R.Soundharya      |
| B.E-ECE             | 106 | Wireless Communication             | EC8652  | 2022-2023 | C.Suriya          |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | R.Durga Sri       |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | S.Kirubadharshini |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | R.Ruthra          |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | G.Sathya          |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | P.Agalya          |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | C.Dharshini       |
| B.E-ECE             | 106 | Medical Electronics                | EC8073  | 2022-2023 | G.Madhumitha      |
| B.E-ECE             | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | S.Abimaneu        |
| B.E-ECE             | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | A.Jayakumar       |
| B.E-ECE             | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | R.Kabilan         |
| B.E-ECE             | 106 | Antennas and Microwave Engineering | EC8701  | 2022-2023 | G.Karikalan       |
| B.E-ECE             | 106 | Embedded and Real Time Systems     | EC 8791 | 2022-2023 | K.Mathivanan      |
| B.E-ECE             | 106 | Embedded and Real Time Systems     | EC8791  | 2022-2023 | A.Prakash         |
| B.E-ECE             | 106 | Embedded and Real Time Systems     | EC8791  | 2022-2023 | T.Susikumar       |
| B.E-ECE             | 106 | Embedded and Real Time Systems     | EC8791  | 2022-2023 | J.Blesson Manuel  |

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|----------------------------|-----|-------------------------------------|---------|-----------|-------------------|
| B.E-ECE                    | 106 | Embedded and Real Time Systems      | EC8791  | 2022-2023 | A.Dharmadurai     |
| B.E-ECE                    | 106 | Embedded and Real Time Systems      | EC8791  | 2022-2023 | P.Logeshwaran     |
| B.E-ECE                    | 106 | Embedded and Real Time Systems      | EC8791  | 2022-2023 | S.Sabarinathan    |
| B.E-ECE                    | 106 | Ad hoc and Wireless sensor Networks | EC 8702 | 2022-2023 | S.Gayathri        |
| B.E-ECE                    | 106 | Ad hoc and Wireless sensor Networks | EC 8702 | 2022-2023 | S.Ramana Bharathi |
| B.E-ECE                    | 106 | Ad hoc and Wireless sensor Networks | EC 8702 | 2022-2023 | K.Renuka          |
| B.E-ECE                    | 106 | Ad hoc and Wireless sensor Networks | EC 8702 | 2022-2023 | SM.Swethaa        |
| <b>EEE</b>                 |     |                                     |         |           |                   |
| <b>PROJECT FIELD VISIT</b> |     |                                     |         |           |                   |
| B.E - EEE                  | 105 | Power Electronics                   | EE8552  | 2022-2023 | S. Bharanitharan  |
| B.E - EEE                  | 105 | Power Electronics                   | EE8552  | 2022-2023 | M. E. Krishna     |
| B.E - EEE                  | 105 | Power System Operation and Control  | EE8702  | 2022-2023 | P. Pandidevi      |
| B.E - EEE                  | 105 | Power Electronics                   | EE8552  | 2022-2023 | R. Purusothaman   |
| B.E - EEE                  | 105 | Microcontroller Based System Design | EE8018  | 2022-2023 | V. Ragul          |
| B.E - EEE                  | 105 | Power System Operation and Control  | EE8702  | 2022-2023 | R. Regina         |
| B.E - EEE                  | 105 | Embedded Systems                    | EE8691  | 2022-2023 | B. Yugeshwaran    |
| B.E - EEE                  | 105 | Embedded Systems                    | EE8691  | 2022-2023 | A. Sarathkumar    |
| B.E - EEE                  | 105 | Microcontroller Based System Design | EE8018  | 2022-2023 | K. Vetrivel       |
| <b>INTERNSHIP</b>          |     |                                     |         |           |                   |
| B.E - EEE                  | 105 | Special Electrical Machines         | EE8005  | 2022-2023 | S. Bharanitharan  |
| B.E - EEE                  | 105 | Special Electrical Machines         | EE8005  | 2022-2023 | M. E. Krishna     |
| B.E - EEE                  | 105 | Transmission and Distribution       | EE8402  | 2022-2023 | M. E. Krishna     |
| B.E - EEE                  | 105 | Special Electrical Machines         | EE8005  | 2022-2023 | P. Pandidevi      |
| B.E - EEE                  | 105 | Transmission and Distribution       | EE8402  | 2022-2023 | P. Pandidevi      |
| B.E - EEE                  | 105 | Embedded Systems                    | EE8691  | 2022-2023 | P. Pandidevi      |
| B.E - EEE                  | 105 | Special Electrical Machines         | EE8005  | 2022-2023 | R. Purusothaman   |
| B.E - EEE                  | 105 | Transmission and Distribution       | EE8402  | 2022-2023 | R. Purusothaman   |
| B.E - EEE                  | 105 | Special Electrical Machines         | EE8005  | 2022-2023 | V. Ragul          |
| B.E - EEE                  | 105 | Transmission and Distribution       | EE8402  | 2022-2023 | V. Ragul          |
| B.E - EEE                  | 105 | Embedded Systems                    | EE8691  | 2022-2023 | V. Ragul          |
| B.E - EEE                  | 105 | Special Electrical Machines         | EE8005  | 2022-2023 | R. Regina         |
| B.E - EEE                  | 105 | Transmission and Distribution       | EE8402  | 2022-2023 | R. Regina         |

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|---------------------|-----|--------------------------------------|--------|-----------|---------------------|
| B.E - EEE           | 105 | Embedded Systems                     | EE8691 | 2022-2023 | R. Regina           |
| B.E - EEE           | 105 | Special Electrical Machines          | EE8005 | 2022-2023 | B. Yugeshwaran      |
| B.E - EEE           | 105 | Transmission and Distribution        | EE8402 | 2022-2023 | B. Yugeshwaran      |
| B.E - EEE           | 105 | Special Electrical Machines          | EE8005 | 2022-2023 | K. Vetrivel         |
| B.E - EEE           | 105 | Transmission and Distribution        | EE8402 | 2022-2023 | K. Vetrivel         |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Abinayashree J      |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Elanangai G         |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Gushendra Prasath P |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Kanimozhi R         |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Manoj R             |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Priyadharshini P    |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Priyadharshini S    |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Salman Hussain Z    |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Semili K            |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Sivaranjani D       |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Sneha P             |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Sowmiya K           |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Sowmiya L           |
| B.E - EEE           | 105 | Electrical Machines - II             | EE8401 | 2022-2023 | Viji J              |
| <b>Mini Project</b> |     |                                      |        |           |                     |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Elanangai G         |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Abinayasree J       |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Priyadharshini P    |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Kanimozhi R         |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Sneha P             |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Semili K            |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Priyadharshini S    |
| B.E - EEE           | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Dhanasree R         |
| B.E - EEE           | 105 | Renewable Energy Systems             | EE8703 | 2022-2023 | Salman Hussain Z    |
| B.E - EEE           | 105 | Renewable Energy Systems             | EE8703 | 2022-2023 | Jenish A            |
| B.E - EEE           | 105 | Renewable Energy Systems             | EE8703 | 2022-2023 | Abishek S           |
| B.E - EEE           | 105 | Renewable Energy Systems             | EE8703 | 2022-2023 | Velmurugan K        |



|                               |     |                                      |        |           |                    |
|-------------------------------|-----|--------------------------------------|--------|-----------|--------------------|
| B.E - EEE                     | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Sowmiya L          |
| B.E - EEE                     | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Viji J             |
| B.E - EEE                     | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Sivaranjani D      |
| B.E - EEE                     | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Sowmiya K          |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Sathish S          |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Radhakrishnan R    |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Yogaraj P          |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Mukesh V           |
| B.E - EEE                     | 105 | Protection and Switchgear            | EE8602 | 2022-2023 | Rohith R           |
| B.E - EEE                     | 105 | Protection and Switchgear            | EE8602 | 2022-2023 | Visalan M          |
| B.E - EEE                     | 105 | Protection and Switchgear            | EE8602 | 2022-2023 | Kabilan A          |
| B.E - EEE                     | 105 | Protection and Switchgear            | EE8602 | 2022-2023 | Vikash M           |
| B.E - EEE                     | 105 | Protection and Switchgear            | EE8602 | 2022-2023 | Vishwa D           |
| B.E - EEE                     | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Akilan D           |
| B.E - EEE                     | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Mukesh M           |
| B.E - EEE                     | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Mani Bharathi S    |
| B.E - EEE                     | 105 | Microprocessors and Microcontrollers | EE8551 | 2022-2023 | Mukesh K           |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Ajithkumar R       |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Ramachandran P     |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Prabath C L        |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Praveen Kumar C    |
| B.E - EEE                     | 105 | Renewable Energy Systems             | EE8703 | 2022-2023 | Gushenra Prasath P |
| B.E - EEE                     | 105 | Renewable Energy Systems             | EE8703 | 2022-2023 | Manoj M            |
| B.E - EEE                     | 105 | Renewable Energy Systems             | EE8703 | 2022-2023 | Sudharsan S        |
| B.E - EEE                     | 105 | Renewable Energy Systems             | EE8703 | 2022-2023 | Sivamurugan G      |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Vijayaragavan R    |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Aravindh A         |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Manoj R            |
| B.E - EEE                     | 105 | Embedded Systems                     | EE8691 | 2022-2023 | Akash M            |
| <b>MECHANICAL ENGINEERING</b> |     |                                      |        |           |                    |
| <b>PROJECT FIELD VISIT</b>    |     |                                      |        |           |                    |
| B.E - MECH                    | 114 | Project Field Visit                  | ME8811 | 2022-2023 | Barathbabu A       |
| B.E - MECH                    | 114 | Project Field Visit                  | ME8811 | 2022-2023 | Sivasubramaniam S  |

|               |     |                     |        |           |                         |
|---------------|-----|---------------------|--------|-----------|-------------------------|
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Hariharan M(22.07.2002) |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Aakash J                |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Deepanraj S             |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Hariharan M(27.07.2002) |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Muthukumar K            |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Balavignesh D           |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Gunal P                 |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Sathiyaraj S            |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Aravindhan B            |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Bharathichozhan S       |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Nithish A               |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Mullaiventhan G         |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Karthick M (07.06.2000) |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Dinesh A                |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Sivabalan A             |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Rooban K                |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Hariharan M(11.07.2002) |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Gopi G                  |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Syedu Usmanali M        |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Priyadharsan L          |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Harish Gowtham M        |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Venkatesh S             |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Veeraguru M             |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Purushothaman S         |
| B.E -<br>MECH | 114 | Project Field Visit | ME8811 | 2022-2023 | Pradeeprajan S          |

|                     |     |                                |        |           |                    |
|---------------------|-----|--------------------------------|--------|-----------|--------------------|
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Vigneshwaran M     |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Abinesh P          |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | poovarasan A       |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Aathi Bubesh A     |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Rajasekaran TK     |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Ashokkumar KR      |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Veeramani R        |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Aravindan G        |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Praveenkumar S     |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Balaganapathy S    |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Narendran R        |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Iyappan A          |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Kishore R          |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Kalaimuhilarasan S |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Sathiyaseelan B    |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Veeramani K        |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Hariharan D        |
| B.E - MECH          | 114 | Project Field Visit            | ME8811 | 2022-2023 | Kaviarasan R       |
| <b>Mini Project</b> |     |                                |        |           |                    |
| B.E - MECH          | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Anbarsan V         |
| B.E - MECH          | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Akash M            |
| B.E - MECH          | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Arunkumar P        |
| B.E - MECH          | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Arun E             |
| B.E - MECH          | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Durairaj V         |
| B.E - MECH          | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Backiyarai S       |

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|------------|-----|--------------------------------|--------|-----------|------------------|
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Dhivakar K       |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Eraniyan K       |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Arunkumar M      |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Gnanasekaran S   |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Hariharan K      |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Hari Prasath R   |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Arunkumar S      |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Manoj Kumar R    |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Madheshwaran K   |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Hemanathan E     |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Bharani S        |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Santhosh Kumar P |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Keerthivasan K   |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Prakash K        |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Jegan K          |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Lalithkumar E    |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Mahendran M      |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Ramprasad K      |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Madhu Mithiran S |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Jayasriram V     |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Praveenkumar R   |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Sakthi Ganesh GS |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Sanjay N         |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Jayasurya K      |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Suryabalan N     |

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|------------|-----|--------------------------------|--------|-----------|--------------------|
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Santhosh R         |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Rakesh A           |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Manibharathi V     |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Sakthivel B        |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Sathishkumar V     |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Jayasrirajan A     |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Subakaran K        |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Maran R            |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Misfar M           |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Mohamed Arsath A   |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Mohamed Rilwan H   |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Praveenkumar M     |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Pravin M           |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Rajesh N           |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Ramprasath R       |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Sakthivel E        |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Samikkannan M      |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Santhosh R         |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Santhoshkumar C    |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Saravanan A        |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Selvamani K        |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Shanmugabharathi S |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Srikumar S         |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Vasanth M          |
| B.E - MECH | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Veeramageshwaran R |

|                                       |     |                                |        |           |                        |
|---------------------------------------|-----|--------------------------------|--------|-----------|------------------------|
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Vikram S               |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Vimalraj P             |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Subash P               |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Sulthan Abdul Kadher R |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Thangapandiyan S       |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Vivek A                |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Vivek K                |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Abinesh V              |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Abishkar SV            |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Aravinthakumar T       |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Balaji S               |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Harish Ragavendra M    |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Jahanraj J             |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Kabil V                |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Kabilan M              |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Keerthivasan R         |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Kishorekumar R         |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Kishore Kumar V        |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Lenin Kumar S          |
| B.E - MECH                            | 114 | Design and Fabrication Project | ME8682 | 2022-2023 | Devaprasanth N         |
| <b>IN HOUSE TRAINING / INTERNSHIP</b> |     |                                |        |           |                        |
| B.E - MECH                            | 114 | Metrology and Measurements     | ME8501 | 2022-2023 | Kishore R              |
| B.E - MECH                            | 114 | Metrology and Measurements     | ME8501 | 2022-2023 | Dinesh A               |
| B.E - MECH                            | 114 | Metrology and Measurements     | ME8501 | 2022-2023 | Syedu Usmanali M       |
| B.E - MECH                            | 114 | Metrology and Measurements     | ME8501 | 2022-2023 | Aathi Bubesh A         |

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|------------|-----|-----------------------------------------|--------|-----------|-------------------------|
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Hariharan M(22.07.2002) |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Harish Gowtham M        |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Nithish A               |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Priyadharsan L          |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Sivabalan A             |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Sathiyaseelan B         |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Pradeeprajan S          |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Vigneshwaran M          |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Mullaiventhan G         |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Iyappan A               |
| B.E - MECH | 114 | Metrology and Measurements              | ME8501 | 2022-2023 | Muthukumar K            |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Kalaimuhilarasan S      |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Narendran R             |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Gopi G                  |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Praveenkumar S          |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Hariharan M(27.07.2002) |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Ashokkumar KR           |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Venkatesh S             |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Veeraguru M             |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Abinesh P               |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Aravindhan G            |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Purushothaman S         |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Veeramani R             |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Barathbabu A            |
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Balavignesh D           |



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|------------|-----|-----------------------------------------|--------|-----------|--------------------------|
| B.E - MECH | 114 | Computer Aided Design and Manufacturing | ME8691 | 2022-2023 | Gunal P                  |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Aakash J                 |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Aravindan B              |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Balaganapathy S          |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Hariharan D              |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Kaviarasan R             |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Hariharan M (11.02.2002) |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Bharathi chozhan S       |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Sivasubramaniam S        |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Rooban K                 |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Veeramani K              |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Rajasekaran TK           |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | poovarasan A             |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Deepanraj S              |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Karthick                 |
| B.E - MECH | 114 | Hydraulics and Pneumatics               | ME8694 | 2022-2023 | Sathiyaraj S             |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Akilan P                 |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Alex A                   |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Anbarasan C              |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Aswinkumar R             |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Dhinakaran P             |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Dinesh K                 |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Elanthendral R           |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Jananpandian C           |
| B.E - MECH | 114 | Summer Internship                       | ME3511 | 2022-2023 | Joseph Christoher M      |

|               |     |                   |        |           |                |
|---------------|-----|-------------------|--------|-----------|----------------|
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Kalaimaran S   |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Karthi G       |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Kiveshwaran V  |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Madhan R       |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Manikandan R   |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Manikandan S   |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Manikandan S   |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Maniraj D      |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Niraivan M     |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Nirmal D       |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Nithishkumar R |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Nivaskhan R    |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Ragul S        |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Rajeshkumar R  |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Ribaydeen R    |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Rishivaran C   |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Santhosh. R    |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Sathish K      |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Selva S        |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Selvendran S   |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Siva A         |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Sridhar S      |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Suresh K       |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Veerakumar R   |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Aravindan M    |

|               |     |                   |        |           |                    |
|---------------|-----|-------------------|--------|-----------|--------------------|
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Bharani abisheik V |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Bharanidharan G    |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Hariharan R        |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Kincily S          |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Prakash M          |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Sabariraj S        |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Sethuram .A        |
| B.E -<br>MECH | 114 | Summer Internship | ME3511 | 2022-2023 | Yogeshwaran S      |

*K. d. d. d. d.*  
29/5/23

IQAC Coordinator

*S. R. R. R. R.*  
29/5/2023

Principal

**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303



**Academic Year 2022-2023**

# EXPERIENTIAL LEARNING



| S.No | Department                                      | Page Number |
|------|-------------------------------------------------|-------------|
| 1    | IHT/<br>Internship                              | 34-299      |
| 2    | Project Field visit/<br>Local visit             | 300-447     |
| 3    | Mini Project/<br>Creative Innovative<br>Project | 448-512     |
| 4    | Survey Camp                                     | 513-515     |

*K. Chellappan*  
29/5/23  
IQAC COORDINATOR

*J. Ramesh*  
29/5/2023  
PRINCIPAL

# **DEPARTMENT OF CIVIL ENGINEERING**

**ACADEMIC YEAR**

**2022-2023**

## In-house Training





**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-20223**  
**STUDENTS IN-HOUSE TRAINING DETAILS**

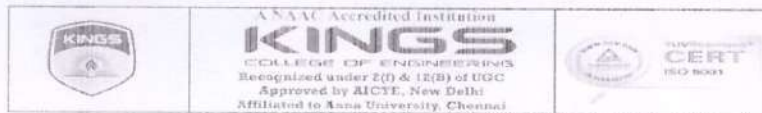
| S.No                        | COMPANY NAME                                  | BENIFICIARIES COUNT |
|-----------------------------|-----------------------------------------------|---------------------|
| <b>EVEN SEM (III CIVIL)</b> |                                               |                     |
| 1.                          | Anbu Infra Salumvampettai, Avoor, Thiruvarur. | 05                  |
| 2.                          | Kattrali Construction, Manakarambi Thanjavur  | 05                  |
| 3.                          | V. K Home Construction & Design, Trichy       | 05                  |
| 4.                          | Kathiravan Construction TVR road, Mannargudi  | 01                  |
| 5.                          | Confident builders, MC Road, Thanjavur        | 04                  |
| <b>ODD SEM (IV CIVIL)</b>   |                                               |                     |
| 6.                          | Shri Hayagrivas construction, Thanjavur       | 05                  |
| 7.                          | KRB Constructions, Thanjavur                  | 04                  |
| 8.                          | Kannan builders, Thiruvarur                   | 04                  |
| 9.                          | Ananya constructions, Thanjavur               | 04                  |
| 10.                         | RR Infra pvt. ltd, Thanjavur                  | 04                  |
| <b>Total students count</b> |                                               | <b>41</b>           |

*K. V. S.*  
26/05/23  
**FACULTY-INCHARGE**

*B. S. S.*  
26/05/2023  
**HOD/CIVIL**

**HOD**  
 Department of Civil Engineering  
 Kings College of Engineering,  
 Punalkulam, Thanjavur - 613 303





**Department of Civil Engineering**  
**Academic Year 2022-2023 (EVEN)**  
**III year (Batch 2020-2024)**

KCE/CIVIL/IHT/2022-23

- Students are instructed to attend the In-house training for minimum of 5 days without fail.
- Training period is from 9<sup>th</sup> January, 2023
- Each batch should have a maximum of 5 students.
- Each and every Student is instructed to submit the following details on the date of College reopening itself
  1. Training Completion Certificate from Company (for 05 days).
  2. Daily work done report.
  3. Feedback form.
  4. Training report with minimum of 15 pages in bounded form. (Group) \*
  5. Post visit presentation (PPT).
- Students are advised to utilize this In-House training opportunity properly.

Note : After visit report should be submitted before January 30, 2023

**\*Training report format :**

Font Size: 12

Spacing : 1.5

Font name: Cambria

First page should include college logo along with Department name, group name...

Second page – Photo copy of training Competition Certificate.

Third page - Photo copy of Daily work done.

Fourth page - Photo copy of feedback form.

Fifth page – Contents of the report

Next full report (Includes details of on-going projects and completed projects, plan, structural detailing and estimation of the project, material and labour cost, photography of the working site etc... and can include whatever you learnt from the training)

  
IHT CO-ORDINATOR/CIVIL  
(Mr.R.Ramchandrar, AP/CIVIL)

  
HOD/CIVIL  
(Dr. R. SARAVANAN)





## Department of Civil Engineering

Academic Year (2022 - 2023)- III YEAR

InHouse Training - Batch 2020-2024

| S.NO | Batch No. | Batch Members    | Company details                                              |
|------|-----------|------------------|--------------------------------------------------------------|
| 1.   | 1.        | BHARATH G        | Anbu Infra<br>Salumvampettai, Avoor,<br>Thiruvavur district. |
| 2.   |           | DHARUN KUMAR K   |                                                              |
| 3.   |           | HARI HARAN U     |                                                              |
| 4.   |           | MOHAMED FAISAL B |                                                              |
| 5.   |           | JOSHUVA M        |                                                              |
| 6.   | 2         | SNEHA S          | Kattrali Construction<br>Manakarambi<br>Thanjavur            |
| 7.   |           | KIRUTHIKASRI J   |                                                              |
| 8.   |           | NIKESHA J        |                                                              |
| 9.   |           | KATHIRESWARI P   |                                                              |
| 10.  |           | JENOVA JASMINE N |                                                              |
| 11.  | 3         | AKARAMUTHALVAN D | V. K Home Construction &<br>Design, Trichy                   |
| 12.  |           | ATHITHIYAN E     |                                                              |
| 13.  |           | VISHNU R         |                                                              |
| 14.  |           | KRISHNA KANTH N  |                                                              |
| 15.  |           | MADHAVAN S       |                                                              |
| 16.  | 4         | HARIHARAN B      | Kathiravan Construction<br>TVR road, Mannargudi              |
| 17.  | 5         | JAILAKSHMAN S    | Confident builders<br>MC Road, Thanjavur                     |
| 18.  |           | MAHARISH H       |                                                              |
| 19.  |           | DULASIRAM S      |                                                              |
| 20.  |           | SRIRAM M C       |                                                              |

### SUMMARY

Total students = 20.

Total number of companies = 5.

Minimum Duration = 05 days.

*R. Ramchandrar*  
24/01/2023  
IHT CO-ORDINATOR/CIVIL  
(Mr.R.Ramchandrar, AP/CIVIL)

*R. Saravanan*  
27/01/2023  
HOD/CIVIL  
(Dr. R. SARAVANAN)

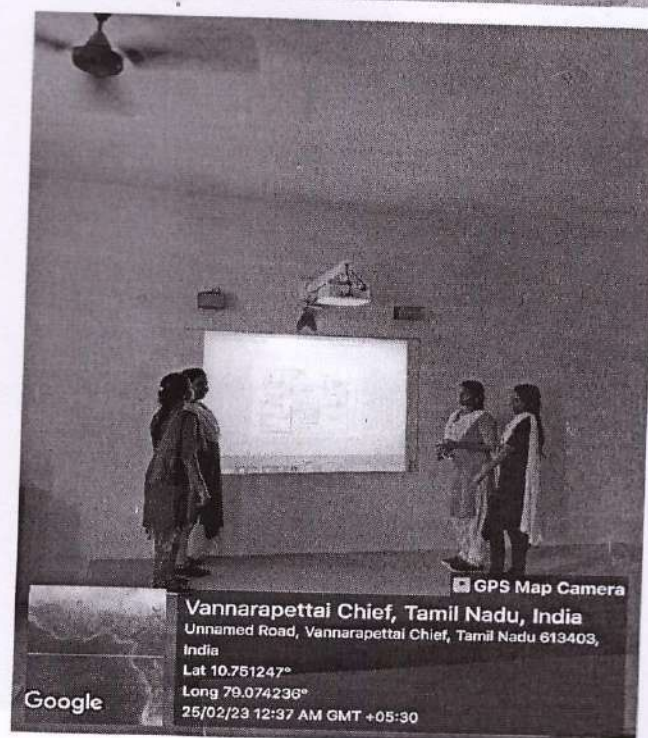
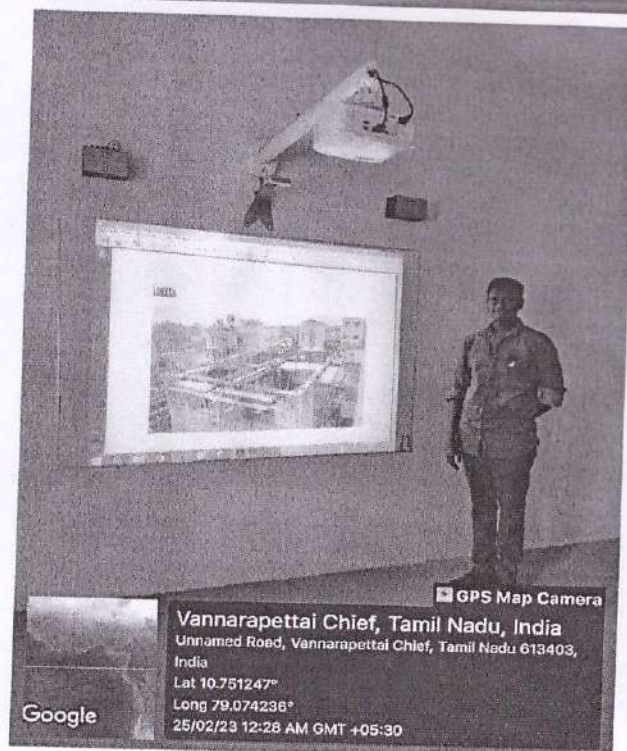
**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-2023(EVEN SEMESTER)**  
**IHT REPORT (Batch 2020-2024)**

**Background & Objective:**

Department of Civil Engineering has conducted **IHT for III year students** to improve the hands on training experience to develop their potential in industrial areas. IHT is helpful for training and placements in future.

**IHT PRESENTATION:**

For III Year civil students report presentation for IHT is held on **25.02.2023**. Students have presented about their In-house training content.

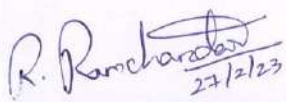


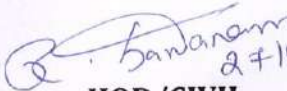


| S No | Batch Members    | Company / Site Visited                                             | Training Duration     | Report Status | Remarks      |
|------|------------------|--------------------------------------------------------------------|-----------------------|---------------|--------------|
| 1    | BHARATH G        | Anbu Infra<br>Salumvampettai,<br>Avoor,<br>Thiruvavur<br>district. | 09/01/23-<br>13/01/23 | Submitted     | Satisfactory |
|      | DHARUN KUMAR K   |                                                                    |                       |               |              |
|      | HARI HARAN U     |                                                                    |                       |               |              |
|      | MOHAMED FAISAL B |                                                                    |                       |               |              |
|      | JOSHUVA M        |                                                                    |                       |               |              |
| 2    | SNEHA S          | Kattrali<br>Construction<br>Manakarambi<br>Thanjavur               | 09/01/23-<br>13/01/23 | Submitted     | Satisfactory |
|      | KIRUTHIKASRI J   |                                                                    |                       |               |              |
|      | NIKESHA J        |                                                                    |                       |               |              |
|      | KATHIRESWARI P   |                                                                    |                       |               |              |
| 3    | AKARAMUTHALVAN D | V. K Home<br>Construction &<br>Design, Trichy                      | 09/01/23-<br>13/01/23 | Submitted     | Satisfactory |
|      | ATHITHIYAN E     |                                                                    |                       |               |              |
|      | VISHNU R         |                                                                    |                       |               |              |
|      | KRISHNA KANTH N  |                                                                    |                       |               |              |
|      | MADHAVAN S       |                                                                    |                       |               |              |
| 4    | HARIHARAN B      | Kathiravan<br>Construction<br>TVR road,<br>Mannargudi              | 09/01/23-<br>13/01/23 | Submitted     | Good         |
| 5    | JAILAKSHMAN S    | Confident<br>builders<br>MC Road,<br>Thanjavur                     | 09/01/23-<br>13/01/23 | Submitted     | Good         |
|      | MAHARISH H       |                                                                    |                       |               |              |
|      | DULASIRAM S      |                                                                    |                       |               |              |
|      | SRIRAM M C       |                                                                    |                       |               |              |

### Outcome

- ❖ Students learnt about practical exposure
- ❖ Company experience is highlighted to students
- ❖ Learned new techniques and technologies

  
**IHT CO-ORDINATOR/CIVIL**  
 (Mr.R.Ramchandrar, AP/CIVIL)

  
**HOD/CIVIL**  
 (Dr. R. SARAVANAN)

Date : 13.01.2023

**INTERNSHIP CERTIFICATE**

THIS TO CERTIFY THAT **G.BHARATH., ROLL NO:-20CE01**, PURSUING HIM  
BE, **3RD YEAR,KINGS COLLEGE OF ENGINEERING**,HAS SUCCESSFULLY  
COMPLETED INTERSHIP FOR FIVE DAYS IN OUR CONCERN

Site Survey ,Substructure,Superstructure, plastering

**ANBU CONSTRUCTION**

YOURS FAITHFULLY,

**For ANBU INFRA**

  
**Managing Partner**

Managing Partner

**A.ANBU PRABHU**



Date : **13.01.2023**

**INTERNSHIP CERTIFICATE**

THIS TO CERTIFY THAT **K.DHARUN KUMAR., ROLL NO:-20CE02,**  
PURSUING HIM BE, **3RD YEAR,KINGS COLLEGE OF ENGINEERING,**HAS  
SUCCESSFULLY COMPLETED INTERSHIP FOR FIVE DAYS IN OUR  
CONCERN

Site Survey ,Substructure,Superstructure, plastering

**ANBU CONSTRUCTION**

YOURS FAITHFULLY,

**For ANBU INFRA**

  
**Managing Partner**

Managing Partner

**A.ANBU PRABHU**

Date : **13.01.2023**

**INTERNSHIP CERTIFICATE**

THIS TO CERTIFY THAT **U.HARIHARAN., ROLL NO:-20CE17**, PURSUING  
HIM BE, **3RD YEAR,KINGS COLLEGE OF ENGINEERING**,HAS  
SUCCESSFULLY COMPLETED INTERSHIP FOR FIVE DAYS IN OUR  
CONCERN

Site Survey ,Substructure,Superstructure, plastering

**ANBU CONSTRUCTION**

YOURS FAITHFULLY,

**For ANBU INFRA**

  
Managing Partner

Managing Partner

**A.ANBU PRABHU**



Date : **13.01.2023**

**INTERNSHIP CERTIFICATE**

THIS TO CERTIFY THAT **B.MOHAMED FAISAL., ROLL NO:-20CE09,**  
PURSUING HIM BE, **3RD YEAR,KINGS COLLEGE OF ENGINEERING,**HAS  
SUCCESSFULLY COMPLETED INTERSHIP FOR FIVE DAYS IN OUR  
CONCERN

Site Survey ,Substructure,Superstructure, plastering

**ANBU CONSTRUCTION**

YOURS FAITHFULLY,

**For ANBU INFRA**

  
**Managing Partner**

Managing Partner

**A.ANBU PRABHU**

Date : 13.01.2023

**INTERNSHIP CERTIFICATE**

THIS TO CERTIFY THAT M.JOSHUVA., ROLL NO:-20CE18, PURSUING HIM  
BE, 3RD YEAR,KINGS COLLEGE OF ENGINEERING,HAS SUCCESSFULLY  
COMPLETED INTERSHIP FOR FIVE DAYS IN OUR CONCERN

Site Survey ,Substructure,Superstructure, plastering

**ANBU CONSTRUCTION**

YOURS FAITHFULLY,

**For ANBU INFRA**

  
**Managing Partner**

Managing Partner

**A.ANBU PRABHU**



# Kathiravan Constructions

5, Akkarai Sengundhar Street

MANNARGUDI - 614 00

Cell : 94431 50518, Ph : 25051

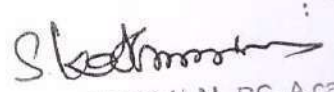
*Civil Engineers and Contractors*

Date : 28/01/23

## INTERNSHIP CERTIFICATE

This is to Certify that B Hariharan (Reg no 821120103003) student of B.E III – year “kings college of engineering “ has successfully completed in house training at kathiravan construction, TVR road, mannargudi – 614001 from (25-01-2023 to 28-01-2023). During the period of his internship program was found punctual, hard working and inquisitive .We wish him every success in his life and career

Thank you

  
S. KATHIRAVAN, DC., A.cad.,  
Licensed Surveyor & Consulting Civil Engineer  
5, Akkarai Sengundhar Street,  
MANNARGUDI - 614 001  
Cell: 94431 50518.

**Rtn.Vr.R.BASKARAN**

B.E.(Struct), M.E.(Struct), M.Sc.(RE Valuation), FIV, M.I.E. C.E(I)

- Chartered Engineer
- Income Tax and Wealth Tax Valuer
- Panel Engineer of Stability Class - IA
- Panel Valuer for Banks (SBI, IB, Corp.Bank, Repco HFL, CB, LIC HFL & General Insur. Co.)
- Govt. Approved Valuer
- Licensed Surveyor in Thanjavur City Corporation
- Consulting Engineer

Office : M/S CONFIDENTT BUILDERS

No.3, Kanagasabai Nagar,  
Medical College Road,  
Thanjavur - 613 007.

Mobile : +91 9843 020768, + 91 9361 999969

E-mail : confidenttbuilders@gmail.com

## INTERNSHIP CERTIFICATE

This is to Certify that **S.JAILAKSHMAN** (Reg.No: **821120103004**) student of B.E III – Year “ **KINGS COLLEGE OF ENGINEERING**” has successfully completed in house training at M/s **CONFIDENTT BUILDERS**, No. 3 Kanagasabai Nagar, M.C. Road, Thanjavur 613 007 from 25.01.2023 to 28.01.2023. During the period of his internship program was found punctual, hard working and inquisitive. We Wish him every success in his life and Career.



Thanking you

Yours faithfully,

**Rtn.Vr.R.BASKARAN, B.E., (Struct), M.E. (Struct),**  
**M.Sc., (Valuation), F.I.V. M.I.E.**  
**Registered Income Tax and Wealth Tax Valuer,**  
**Chartered Engineer, Panel Valuer for Banks,**  
**LIC of India, LIC (HFL), Repco (HFL),**  
**Edelweiss (HFL), G.I.C. Panel Engineer**  
**of Stability Class -1A and Licensed Surveyor**  
**in Thanjavur City Corporation (Reg.No.149),**  
**W. Tax. Reg. No.05/2015-16, F.I.V Reg. No.F23378,**  
**Chartered Engineer & M.I.E Reg. No. M-148006-5**  
**Cell: 93619 99969, 98430 20768.**

**Rtn.Vr.R.BASKARAN**

B.E(Struct), M.E(Struct), M.Sc(FR Valuation), F.I.V, M.I.E., C.E (I)

- \* Chartered Engineer
- \* Income Tax and Wealth Tax Valuer
- \* Panel Engineer of Stability Class - 1A
- \* Panel Valuer for Banks  
(SBI, IB, Corp.Bank, Repco HFL, CB, LIC HFL & General Insur. Co.)
- \* Govt. Approved Valuer
- \* Licensed Surveyor in Thanjavur City Corporation
- \* Consulting Engineer

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Thanjavur - 613 007.

Mobile : +91 9843 020768, + 91 9361 999969

E-mail : confidenttbuilders@gmail.com

## INTERNSHIP CERTIFICATE

This is to Certify that **H.MAHARISH (Reg.No: 821120103008)** student of B.E III – Year “**KINGS COLLEGE OF ENGINEERING**” has successfully completed in house training at M/s **CONFIDENTT BUILDERS**, No. 3 Kanagasabai Nagar, M.C. Road, Thanjavur 613 007 from 25.01.2023 to 28.01.2023. During the period of his internship program was found punctual, hard working and inquisitive. We Wish him every success in his life and Career.

Thanking you



Yours faithfully,

*R. Baskaran*

**R. R. BASKARAN, B.E., (Struct), M.E. (Struct),**  
M.Sc., (Valuation), F.I.V, M.I.E., C.E (I),  
Registered Income Tax and Wealth Tax Valuer,  
Chartered Engineer, Panel Valuer for Banks,  
LIC of India, LIC (HFL), Repco (HFL),  
Edelweiss (HFL), G.I.C. Panel Engineer  
of Stability Class - 1A and Licensed Surveyor  
in Thanjavur City Corporation (Reg.No.149),  
W. Tax. Reg. No. 05/2015-16, F.I.V Reg. No. F20178,  
Chartered Engineer & M.I.E Reg. No. M-142000-5  
Cell: 93619 99969, 98430 20768.



**Rtn.Vr.R.BASKARAN**

B.E(Struct), M.E(Struct), M.Sc(RE Valuation), FIV, M.I.E. C.E(I)

- \* Chartered Engineer
- \* Income Tax and Wealth Tax Valuer
- \* Panel Engineer of Stability Class - IA
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Thanjavur - 613 007.

Mobile : +91 9843 020768, + 91 9361 999969

E-mail : confidenttbuilders@gmail.com

## INTERNSHIP CERTIFICATE

This is to Certify that **S.DULASIRAM (Reg.No: 821120103303)** student of B.E III – Year “ **KINGS COLLEGE OF ENGINEERING**” has successfully completed in house training at **M/s CONFIDENTT BUILDERS**, No. 3 Kanagasabai Nagar, M.C. Road, Thanjavur 613 007 from 25.01.2023 to 28.01.2023. During the period of his internship program was found punctual, hard working and inquisitive. We Wish him every success in his life and Career.

Thanking you



Yours faithfully,

**R. R. BASKARAN, B.E., (Struct), M.E. (Struct), M.Sc., (Valuation), F.I.V. M.I.E., C.E. (I)**  
Registered Income Tax and Wealth Tax Valuer,  
Chartered Engineer, Panel Valuer for Banks,  
LIC of India, LIC (HFL), Repco (HFL),  
Edelweiss (HFL), G.I.C. Panel Engineer  
of Stability Class -1A and Licensed Surveyor  
in Thanjavur City Corporation (Reg.No.149),  
W. Tax. Reg. No. 05/2015-16, F.I.V Reg. No. F23378,  
Chartered Engineer & M.I.E Reg. No. M-148006-3  
Cell: 93619 99969, 98430 20768.

**Rtn.Vr.R.BASKARAN**

B.E.(Struct), M.E.(Struct), M.Sc(RE Valuation), F.I.V.M.I.E., C.F.(I)

- \* Chartered Engineer
- \* Income Tax and Wealth Tax Valuer
- \* Panel Engineer of Stability Class - IA
- \* Panel Valuer for Banks (SBI, IB, Corp.Bank, Repco HFL, CB, LIC HFL & General Insur. Co.)
- \* Govt. Approved Valuer
- \* Licensed Surveyor in Thanjavur City Corporation
- \* Consulting Engineer

Office : M/S CONFIDENT BUILDERS

No.3, Kanagasabai Nagar,

Medical College Road,

Thanjavur - 613 007

Mobile : +91 9843 020768, + 91 9361 999969

E-mail : confidentbuilders@gmail.com

## INTERNSHIP CERTIFICATE

This is to Certify that **M.C.SRIRAM (Reg.No: 821120103014)** student of B.E III – Year “ **KINGS COLLEGE OF ENGINEERING**” has successfully completed in house training at M/s **CONFIDENT BUILDERS**, No. 3 Kanagasabai Nagar, M.C. Road, Thanjavur 613 007 from 25.01.2023 to 28.01.2023. During the period of his internship program was found punctual, hard working and inquisitive. We Wish him every success in his life and Career.

Thanking you



Yours faithfully,

*R. Baskaran*

**Er. R. BASKARAN, B.E. (Struct), M.E. (Struct),**  
M.Sc., (Valuation), F.I.V. M.I.E., C.F.(I),  
Registered Income Tax and Wealth Tax Valuer,  
Chartered Engineer, Panel Valuer for Banks,  
LIC of India, LIC (HFL), Repco (HFL),  
Edelweiss (HFL), G.I.C. Panel Engineer  
of Stability Class -1A and Licensed Surveyor  
in Thanjavur City Corporation (Reg.No.149),  
W. Tax. Reg. No.05/2015-16, F.I.V Reg. No. F23374,  
Chartered Engineer & M.I.E Reg. No. M-14246-5  
Cell: 93619 99969, 98430 20768





# BALU BUILDERS

Main Road, Thirumanur - 621 715, Ariyalur - Dt.

Mobile : 94436 04976 - 89404 50322



Date : 08.02.2023

## INTENSHP CERTIFICATE

To

The Principal,  
Kings College of Engineering,  
Punalkulam,  
Pudukottai - Dist.,  
Pin : 622001

This is to Certify that Selvan. **D. AKARAMUTHALVAN**, (Reg No: 821120103301)  
B.E., Civil III<sup>rd</sup> year Student of Kings College of Engineering, Punalkulam, has done in  
plant Training in our organization from 25.01.2023 to 28.01.2023

During the training period his conduct and character found good.

Yours,

  
**GNANAAROCKIAM, D.C.E**  
Consulting Engineer &  
Licensed Surveyor  
Reg No 1133  
Thirumanur 621715, Ariyalur (Dt)



B  
**BALU BUILDERS**  
Main Road, Thirumanur - 621 715, Ariyalur - Dt.  
**Mobile : 94436 04976 - 89404 50322**



Date : 08.02.2023

**INTERSHIP CERTIFICATE**

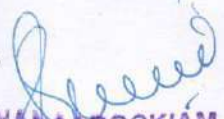
To

The Principal,  
Kings College of Engineering,  
Punalkulam,  
Pudukottai - Dist.,  
Pin : 622001

This is to Certify that Selvan. E. ATHITHIYAN, (Reg No: 821120103302) B.E.,  
Civil III<sup>rd</sup> year Student of Kings College of Engineering, Punalkulam, has done in plant  
Training in our organization from 25.01.2023 to 28.01.2023

During the training period his conduct and character found good.

Yours,

  
**S. NARAYANAROCKIAM, D.C.E.**  
Consulting Engineer &  
Licensee Surveyor  
(Reg. No. 11133)  
Thirumanur 621715, Ariyalur (TN)





B  
**BALU BUILDERS**  
Main Road, Thirumanur - 621 715, Ariyalur - Dt.  
Mobile : 94436 04976 - 89404 50322



Date : 08.02.2023

**INTENSHP CERTIFICATE**

To

The Principal,  
Kings College of Engineering,  
Punalkulam,  
Pudukottai - Dist.,  
Pin : 622001

This is to Certify that Selvan. **R. VISHNU**, (Reg No: 821120103015) B.E., Civil III<sup>rd</sup> year Student of Kings College of Engineering, Punalkulam, has done in plant Training in our organization from 25.01.2023 to 28.01.2023

During the training period his conduct and character found good.

Yours,

  
**GNANAAROCKIAM, D.C.E**  
Consulting Engineer &  
Licensed Surveyor  
Reg No. 1153  
Thirumanur 621715, Ariyalur (Dt)



B  
**BALU BUILDERS**  
Main Road, Thirumanur - 621 715, Ariyalur - Dt.  
Mobile : 94436 04976 - 89404 50322



Date : 08.02.2023

**INTERSHIP CERTIFICATE**

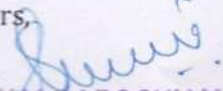
To

The Principal,  
Kings College of Engineering,  
Punalkulam,  
Pudukottai - Dist.,  
Pin : 622001

This is to Certify that Selvan. N. KRISHNAKANTH, (Reg No: 821120103307) B.E.,  
Civil III<sup>rd</sup> year Student of Kings College of Engineering, Punalkulam, has done in plant  
Training in our organization from 25.01.2023 to 28.01.2023

During the training period his conduct and character found good.

Yours,

  
**GNANAROCKIAM, D.C.E.**  
Consulting Engineer &  
Licensed Surveyor  
Reg No 1133  
Thirumanur 621715, Ariyalur (Dt)





# BALU BUILDERS

Main Road, Thirumanur - 621 715, Ariyalur - Dt.

Mobile : 94436 04976 - 89404 50322



Date : ...08...02...2023

## INTERSHIP CERTIFICATE

To

The Principal,  
Kings College of Engineering,  
Punalkulam,  
Pudukottai - Dist.,  
Pin : 622001

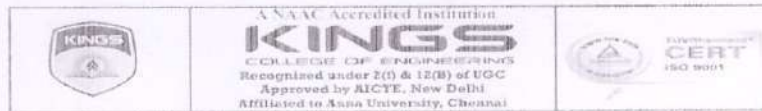
This is to Certify that Selvan. **S. MATHAVAN**, (Reg No: 821120103308) B.E., Civil  
III<sup>rd</sup> year Student of Kings College of Engineering, Punalkulam, has done in plant  
Training in our organization from 25.01.2023 to 28.01.2023

During the training period his conduct and character found good.

Yours,

  
**GNANAAROCKIAM, D.C.E.**  
Consulting Engineer &  
Licensed Surveyor  
Reg No: 1133  
Thirumanur 621715, Ariyalur (Dt)





**Department of Civil Engineering**  
**Academic Year 2022-2023 (ODD)**  
**IV year (Batch 2019 - 2023)**

KCE/CIVIL/IHT/2022-23/(ODD)

- Students are instructed to attend the In-house training for minimum of 28 days without fail as per curriculum.
- Training period is from July 13, 2022
- Each batch should have a maximum of 5 students.
- Each and every Student is instructed to submit the following details on the date of College reopening itself
  1. Training Completion Certificate from Company (for 28 days).
  2. Daily work done report.
  3. Feedback form.
  4. Training report with minimum of 20 pages in bounded form. (Group) \*
  5. Post visit presentation (PPT).
- Students are advised to utilize this In-House training opportunity properly.

Note : After visit report should be submitted before August 20, 2022

**\*Training report format :**

Font Size: 12

Spacing : 1.5

Font name: Cambria

First page should include college logo along with Department name, group name...

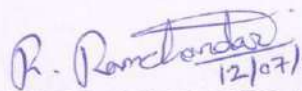
Second page – Photo copy of training Competition Certificate.

Third page - Photo copy of Daily work done.

Fourth page - Photo copy of feedback form.

Fifth page – Contents of the report

Next full report (Includes details of on-going projects and completed projects, plan, structural detailing and estimation of the project, material and labour cost, photography of the working site etc... and can include whatever you learnt from the training)

  
12/07/22  
IHT CO-ORDINATOR/CIVIL  
(Mr.R.Ramchandrar, AP/CIVIL)

  
12/07/22  
HOD/CIVIL  
(Dr. R. SARAVANAN)



## **Department of Civil Engineering**

Academic Year (2022 - 2023) ODD SEM

**InHouse Training - (Batch 2019-2023) - IV YEAR**

| Batch No. | Batch Members  | Company details                            |
|-----------|----------------|--------------------------------------------|
| 1.        | AGALYA B       | Shri Hayagrivas construction,<br>Thanjavur |
|           | JANANI T S     |                                            |
|           | MADHUMITHA R   |                                            |
|           | RENGESWARI R   |                                            |
|           | DIVYA S        |                                            |
| 2.        | JAYASEELAN M   | KRB Constructions, Thanjavur               |
|           | ANBUMANI S     |                                            |
|           | DANIEL NAVIS F |                                            |
|           | KURALARASAN R  |                                            |
| 3.        | STALIN P       | Kannan builders, Thiruvarur                |
|           | PREMKUMAR J    |                                            |
|           | JAYACHANDRAN N |                                            |
|           | SANTHOSH S     |                                            |
| 4.        | RUBIKA M       | Ananya constructions,<br>Thanjavur         |
|           | SATHYA P       |                                            |
|           | MONIKA M       |                                            |
|           | ABIRAMI S      |                                            |
| 5.        | ARUNPRASAD S   | RR Infra pvt. ltd,<br>Thanjavur            |
|           | ARUNKUMAR M    |                                            |
|           | VIMAL R        |                                            |
|           | KARTHIKEYAN    |                                            |

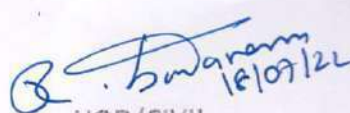
### **SUMMARY**

Total students = 21.

Total number of companies = 5.

Maximum Duration = 28 days.

  
 18/7/22  
**IHT CO-ORDINATOR/CIVIL**  
 (Mr.R.Ramchandrar, AP/CIVIL)

  
 18/07/22  
**HOD/CIVIL**  
 (Dr. R. SARAVANAN)





**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-2023 (EVEN SEMESTER)**  
**IHT REPORT (Batch 2019 - 2023)**

**Background & Objective:**

Department of Civil Engineering has conducted IHT for IV year students to improve the hands on training experience to develop their potential in industrial areas. IHT is helpful for training and placements in future.

**IHT PRESENTATION:**

For III Year civil students report presentation for IHT is held on **24.08.2022**. Students have presented about their In-house training content.





# SHRI HAYAGRIVAAS CONSTRUCTION

No.8, Priya Complex, Near Ramanathan Hospital,  
Thanjavur-613 007

Date: 15-AUG-2022

## INTERNSHIP CERTIFICATE

This is to certify that **B. AGALYA** has done her Internship in our concern. Her character during the period of association with us was good. She has been sincere throughout his Internship.

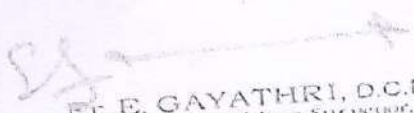
**Field of work** - Site Supervision of Residential Building

**Duration** - 11 July 2022 to 08 August 2022

She has worked hard and take some responsibility of the organization. She is well absorbing and very sincere throughout his employment with us and her conduct during that period was GOOD.

We wish her all the best for his future endeavors

With Regards

  
E. E. GAYATHRI, D.C.E.,  
License: I Building Surveyor,  
Shri Hayagrivaas Construction,  
License No. 332,  
No. 36/49, Nehruji Nagar,  
West Bank, THANJAVUR-613 009,  
Mobile: 98656 72079.

# SHRI HAYAGRIVAAS CONSTRUCTION

No.8, Priya Complex, Near Ramanathan Hospital,  
Thanjavur-613 007

Date: 15-AUG-2022

## INTERNSHIP CERTIFICATE

This is to certify that **S. DIVYA** has done her Internship in our concern. Her character during the period of association with us was good. She has been sincere throughout his Internship.

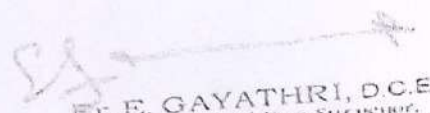
**Field of work** - Site Supervision of Residential Building

**Duration** - 11 July 2022 to 08 August 2022

She has worked hard and take some responsibility of the organization. She is well absorbing and very sincere throughout his employment with us and her conduct during that period was GOOD.

We wish her all the best for his future endeavors

With Regards

  
E. E. GAYATHRI, D.C.E.,  
Licence-I Building Surveyor,  
Shri Hayagrivaas Construction,  
License No. 332,  
No. 36/49, Nehruji Nagar,  
West Bank, THANJAVUR-613 009.  
Mobile: 98656 72079



# SHRI HAYAGRIVAAS CONSTRUCTION

No.8, Priya Complex, Near Ramanathan Hospital,  
Thanjavur-613 007

Date: 15-AUG-2022

## INTERNSHIP CERTIFICATE

This is to certify that **T. S. JANANI** has done her Internship in our concern. Her character during the period of association with us was good. She has been sincere throughout his Internship.

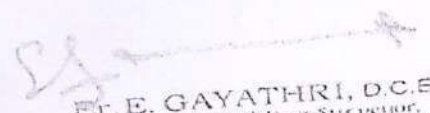
**Field of work** - Site Supervision of Residential Building

**Duration** - 11 July 2022 to 08 August 2022

She has worked hard and take some responsibility of the organization. She is well absorbing and very sincere throughout his employment with us and her conduct during that period was GOOD.

We wish her all the best for his future endeavors

With Regards

  
E. E. GAYATHRI, D.C.E.,  
License of Building Surveyor,  
Shri Hayagrivaas Construction,  
License No. 332,  
No. 36/49, Nehruji Nagar,  
West Bank, THANJAVUR-613 009,  
Mobile: 98656 72979

# SHRI HAYAGRIVAAS CONSTRUCTION

No.8, Priya Complex, Near Ramanathan Hospital,  
Thanjavur-613 007

Date: 15-AUG-2022

## INTERNSHIP CERTIFICATE

This is to certify that **R. MADHUMITHA** has done her Internship in our concern. Her character during the period of association with us was good. She has been sincere throughout his Internship.

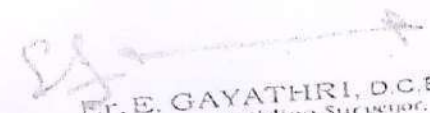
**Field of work** - Site Supervision of Residential Building

**Duration** - 11 July 2022 to 08 August 2022

She has worked hard and take some responsibility of the organization. She is well absorbing and very sincere throughout his employment with us and her conduct during that period was GOOD.

We wish her all the best for his future endeavors

With Regards

  
E. E. GAYATHRI, D.C.E.,  
License: I Building Surveyor,  
Shri Hayagrivaas Construction,  
License No: 332,  
No. 36/49, Nehruji Nagar,  
West Bank, THANJAVUR-613 009,  
Mobile: 98656 72979.

# **DEPARTMENT OF CIVIL ENGINEERING**

**ACADEMIC YEAR**

**2022-2023**





A NAAC ACCREDITED INSTITUTION

# KINGS

COLLEGE OF ENGINEERING

Recognised by UGC 2(f) & 12(B)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)



N·E·A·T

प्रौद्योगिकी के लिए राष्ट्रीय शैक्षणिक सहयोग  
National Educational Alliance for Technology



Ministry of Housing  
and Urban Affairs

Government of India



Ministry of Education  
Government of India

सत्यमेव जयते

# MISSION AMRIT SAROVAR

## JAL DHAROHAR SANRAKSHAN INTERNSHIP

**DURATION :**

**15<sup>TH</sup> JULY TO 5<sup>TH</sup> AUGUST**

**LOCATION :**

**SEMBIRANKULAM,  
PATTUKKOTTAI**

**Dr.R.SARAVANAN  
INO**

**Dr.J.ARPUTHA VIJAYA SELVI  
PRINCIPAL**





**All India Council for Technical Education**  
(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)  
**Sanction Letter**  
**AICTE Mission Amrit Sarovar – Jal Dharohar Sanrakshan Internship**



F.No - 1-1/NEAT/AMRIT/2022-23/ AMS-JDS - 81

Date. 26<sup>th</sup> July, 2022

To

The Drawing and Disbursing Officer,  
All India Council for Technical  
Education, Nelson Mandela Marg,  
Vasant Kunj, New Delhi - 110070

**Sub:** Release of a sum of **Rs. 1,00,000/- (Rupees One Lakh Only)** being the 1<sup>st</sup> installment **Grant-in-Aid** under the **Mission Amrit Sarovar – Jal Dharohar Sanrakshan** for the duration 1<sup>st</sup> July 2022 to 5<sup>th</sup> August 2022 and payable during the current financial year **2022-23**- reg.

Sir/ Madam,

With reference to the Mission Amrit Sarovar Jal Sarovar Sanrakshan Internship, for the participating institute, this is to convey that the sanction of the Council for payment of **Rs. 1,00,000/- (Rupees One Lakh Only)** as sanctioned Grant-in-Aid under the **Mission Amrit Sarovar Jal Dharohar Sanrakshan**, as per details given below:

|   |                                                  |                                                                                                                                                             |
|---|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Name and address of the Beneficiary Institution. | Kings College of Engineering<br>Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu 613 303                                                  |
| 2 | Scheme under which grant is to be released       | <b>Mission Amrit Sarovar – Jal Dharohar Sanrakshan (MAS-JDS)</b>                                                                                            |
| 3 | Water Body Allocated                             | Sembirankulam                                                                                                                                               |
| 4 | Name of Head of Institute (HOI)                  | Dr. J. Arputha Vijaya Selvi                                                                                                                                 |
| 5 | Name of Institute Nodal Officer (INO)            | Dr. R. Saravanan                                                                                                                                            |
| 6 | Duration of the project:                         | 1 <sup>st</sup> July 2022 to 5 <sup>th</sup> August 2022                                                                                                    |
| 7 | Total Budget allocated for Each Water Body       | <b>Rs. 2,00,000/- (Rupees Two Lakh Only)</b><br>1 <sup>st</sup> Installment (being of 50%) – Rs. 1,00,000/-<br>2 <sup>nd</sup> Installment – Rs. 1,00,000/- |
| 8 | Sanctioned Grant-in-Aid is debitable to:         | <b>601.23 (a)</b>                                                                                                                                           |

- (i) The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/ Principal/ Registrar of the Institute through RTGS
- (ii) This Grant-in-Aid is being released in conformity with the terms & conditions as well as guidelines of the Jal Dharohar Sanrakshan Internship guidelines as already communicated, and also being communicated in this letter.

The instructions/ guidelines linked with Mission Amrit Sarovar – Jal Dharohar Sanrakshan (MAS-JDS), to be followed by University/ Institution are as given below:

**I. Release of funds**

- a The sanction is issued in exercise of the powers delegated to the Council and other terms & conditions laid down in the

1-1/NEAT/AMRIT/2022-23/ AMS-JDS/ 81

guidelines of the Scheme.

- b. AICTE shall transfer a total sum of Rs. 2 lakh to each of the identified institutes, in two installments of Rs. 1 lakh each prior and Rs. 1 lakh on completion of the activities.
- c. 50% of the sanctioned amount is being released as first installment followed by 50% as second installment upon completion of Internship and submission of Final deliverables like Posters, reports etc..
- d. Participating Institutions shall utilize these funds for
  - (i) A fixed amount of Rs. 1, 50,000 are earmarked solely for student stipend. No further funds will be allocated to the institute for this purpose. Disbursement of the stipend of Rs. 10,000/student for all participating students/interns
  - (ii) A fixed amount of Rs. 30,000 shall be paid to the sole INO/Institution Faculty assigned to the Water Body and who shall mentor and support participating interns during the internship.
  - (iii) Additional amount of Rs. 20,000 will be disbursed to each INO/Mentor for covering travelling expenses, other project related poster costs etc.
- e. Other financial internship modalities with regards to eligible budget for each participating institutions, basis the number of selected students are detailed as per the approved **Mission Amrit Sarovar\_Jal Dharohar Sanrakshan\_SOP** document

## II. Maintenance of accounts

- a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items or expenditure identified in the Scheme document.
- b. The Council shall receive Utilization Certificate by the Institute upon completion of Internship to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- c. Any balance amount of the sanctioned amount remaining on completion of internship shall be mentioned in the Utilization Certificate provided by the institute and shall be remitted back to AICTE.

## III. The University/college/institution shall submit the related documents i.e. Utilization Certificate, Completion Report, etc. by 5<sup>th</sup> August 2022.

- a. The **Internship Deliverables – Poster Submission / Photos** – shall be uploaded by the INO in the prescribed format on the provided Google Form links shared by AICTE by the submission deadline of 5<sup>th</sup> August. Feedback of student & INO performance will be taken from INO
- b. 2<sup>nd</sup> Installment shall be disbursed only to those institutions who have completed the aforementioned submission within the stipulated time frame.
- c. The **Utilization Certificate (UC)** must be provided by the Institute to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE after completion of the Internship and after paying Stipend to students and monetary compensation to INO. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-22 shall be submitted to the Council
- d. In case of self-financing/private institutions, Utilization Certificate authorized by HOI shall be submitted to AICTE.
- e. Project completion report (PCR) of the project indicating the activities undertaken, number of students benefited photographs, together with their feedback is to be submitted.

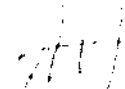
NOTE For project petty expenses (travel & lodging) (Rs. 20,000 per water body) there is no requirement of submitting any bills

## IV. General instructions

- a) HOI/INO shall be responsible for execution, completion and submission of the deliverables of the Internship.
- b) The grant shall be utilized strictly for the purpose as specified in the Sanction letter.
- c) AICTE shall not consider any request for additional grants. Institute will invest funds for completion of the Internship in case there is a shortfall of money. Separate institutional overhead expenses shall not be provided by AICTE
- d) The Institute shall furnish to AICTE, Utilization Certificate authorized by the HOI.

- e) AICTE will have no responsibility in case any loss is caused to any life or property due to accident, fire or any other reasons. The institute is required to take appropriate safety and insurance measures to safeguard against any loss to human life and property
- f) The second installment amount will be disbursed only after submission of mandatory final internship project submissions
- g) Condition to refund the amount along with interest may be included in the sanction order in case institute does not take up the work or submit the final reports within stipulated time frame.

Yours sincerely,



**Dr. Buddha Chandrasekhar**  
**CCO (NEAT)**

Copy forwarded for information and necessary action to:

1. The Director/ Principal/ Registrar,

Dr. J. Arputha Vijaya Selvi

Kings College of Engineering

Punalkuram, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu 613 303

2. Guard File



**Dr. Buddha Chandrasekhar**  
**CCO (NEAT)**

**All India Council for Technical Education**  
(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**Sanction Letter**  
**AICTE Mission Amrit Sarovar – Jal Dharohar Sanrakshan Internship**

F.No.: 1-1/NEAT/AMRIT/2022-23/ AMS-JDS - 314

Date: 22<sup>th</sup> August, 2022

To

The Drawing and Disbursing Officer,  
All India Council for Technical  
Education, Nelson Mandela Marg,  
Vasant Kunj, New Delhi - 110070

**Sub:** Release of a sum of **Rs.100000/- (Rupees One Lakh Only)** being the 2<sup>nd</sup> installment eligible amount **Grant-in-Aid** under the **Mission Amrit Sarovar – Jal Dharohar Sanrakshan** for the duration 1<sup>st</sup> July 2022 to 5<sup>th</sup> August 2022 and payable during the current financial year **2022-23**- reg.

Sir/ Madam,

With reference to the Mission Amrit Sarovar Jal Sarovar Sanrakshan Internship, for the participating institute, this is to convey that the sanction of the Council for payment of 2<sup>nd</sup> installment eligible amount of **Rs.100000/- (Rupees One Lakh Only)** as sanctioned Grant-in-Aid under the **Mission Amrit Sarovar Jal Dharohar Sanrakshan**, as per details given below:

|    |                                                  |                                                                                                                                                                   |
|----|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Name and address of the Beneficiary Institution: | Kings College of Engineering<br>Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu 613 303                                                        |
| 2. | Scheme under which grant is to be released       | <b>Mission Amrit Sarovar – Jal Dharohar Sanrakshan (MAS-JDS)</b>                                                                                                  |
| 3. | Water Body Allocated                             | Sembirankulam                                                                                                                                                     |
| 4. | Name of Head of Institute (HOI):                 | Dr. J. Arputha Vijaya Selvi                                                                                                                                       |
| 5. | Name of Institute Nodal Officer (INO):           | Dr. R. Saravanan                                                                                                                                                  |
| 6. | Duration of the project:                         | 1 <sup>st</sup> July 2022 to 5 <sup>th</sup> August 2022                                                                                                          |
| 7. | Total Budget allocated for Each Water Body       | <b>Rs. 2,00,000/- (Rupees Two Lakh Only)</b><br>1 <sup>st</sup> Installment – Rs. 1,00,000/-<br>2 <sup>nd</sup> Installment Balance Eligible Amount – Rs.100000/- |
| 8. | Sanctioned Grant-in-Aid is debit to:             | <b>601.23 (a)</b>                                                                                                                                                 |

- (i) The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/ Principal/ Registrar of the Institute through RTGS.
- (ii) This Grant-in-Aid is being released in conformity with the terms & conditions as well as guidelines of the Jal Dharohar Sanrakshan Internship guidelines as already communicated, and also being communicated in this letter.

The instructions/ guidelines linked with Mission Amrit Sarovar – Jal Dharohar Sanrakshan (MAS-JDS), to be followed by University/ Institution are as given below:

**I. Release of funds**

- a. The sanction is issued in exercise of the powers delegated to the Council and other terms & conditions laid down in the

1-1/NEAT/AMRIT/2022-23/ AMS-JDS/ 314



guidelines of the Scheme.

- b. AICTE shall transfer a total sum of Rs. 2 lakh to each of the identified institutes, in two installments of Rs. 1 lakh each prior and Rs. 1 lakh on completion of the activities.
- c. 50% of the sanctioned amount is being released as first installment followed by 50% as second installment upon completion of Internship and submission of Final deliverables like Posters, reports etc. and as per eligible amount based on number of participating students.
- d. Participating Institutions shall utilize these funds for
  - (i) A fixed amount of Rs. 1, 50,000 are earmarked solely for student stipend. No further funds will be allocated to the institute for this purpose. Disbursement of the stipend of Rs. 10,000/student for all participating students/interns
  - (ii) A fixed amount of Rs. 30,000 shall be paid to the sole INO/Institution Faculty assigned to the Water Body and who shall mentor and support participating interns during the internship.
  - (iii) Additional amount of Rs. 20,000 will be disbursed to each INO/Mentor for covering travelling expenses, other project related poster costs etc.
- e. Other financial internship modalities with regards to eligible budget for each participating institutions, basis the number of selected students are detailed as per the approved **Mission Amrit Sarovar\_Jal Dharohar Sanrakshan SOP** document.

## II. Maintenance of accounts

- a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items or expenditure identified in the Scheme document.
- b. The Council shall receive Utilization Certificate by the Institute upon completion of Internship to satisfy that the fund has been utilized for the purpose for it was sanctioned.

## III. The University/college/institution shall submit the related documents i.e. Utilization Certificate, Completion Report, etc. by the stipulated due date.

- a. The **Internship Deliverables – Poster Submission / Photos** – shall be uploaded by the INO in the prescribed format on the provided Google Form links shared by AICTE by the submission deadline of 5<sup>th</sup> August. Feedback of student & INO performance will be taken from INO.
- b. 2<sup>nd</sup> Installment shall be disbursed only to those institutions who have completed the aforementioned submission within the stipulated time frame.
- c. The **Utilization Certificate (UC)** must be provided by the Institute to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE after completion of the Internship and after paying Stipend to students and monetary compensation to INO. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-22 shall be submitted to the Council.
- d. In case of self-financing/private institutions, Utilization Certificate authorized by HOI shall be submitted to AICTE.
- e. Project completion report (PCR) of the project indicating the activities undertaken, number of students benefited, photographs, together with their feedback is to be submitted.

NOTE: For project petty expenses (travel & lodging) (Rs. 20,000 per water body) there is no requirement of submitting any bills

## IV. General instructions

- a) HOI/INO shall be responsible for execution, completion and submission of the deliverables of the Internship.
- b) The grant shall be utilized strictly for the purpose as specified in the Sanction letter.
- c) AICTE shall not consider any request for additional grants. Institute will invest funds for completion of the Internship in case there is a shortfall of money. Separate institutional overhead expenses shall not be provided by AICTE.
- d) The Institute shall furnish to AICTE, Utilization Certificate authorized by the HOI.
- e) AICTE will have no responsibility in case any loss is caused to any life or property due to accident, fire or any other reasons. The institute is required to take appropriate safety and insurance measures to safeguard against any loss to human life and property.

- f) The second installment amount will be disbursed only after submission of mandatory final internship project submissions.
- g) Condition to refund the amount along with interest may be included in the sanction order in case Institute does not take up the work or submit the final reports within stipulated time frame.

Yours sincerely,



Dr. Buddha Chandrasekhar  
CCO (NEAT)

Copy forwarded for information and necessary action to:

1. The Director/ Principal/ Registrar,  
Dr. J. Arputha Vijaya Selvi  
Kings College of Engineering  
Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu 613 303

**2. Guard File**



Dr. Buddha Chandrasekhar  
CCO (NEAT)



**Ministry of Education**  
Government of India



**Ministry of Housing  
and Urban Affairs**  
Government of India



## **MISSION AMRIT SAROVAR**

### **JAL DHAROHAR SANRAKSHAN INTERNSHIP**

Institute Name: **KINGS COLLEGE OF ENGINEERING**

Water Body Name: **SEMBIRANKULAM**

INO Name: **Dr. R.SARAVANAN**

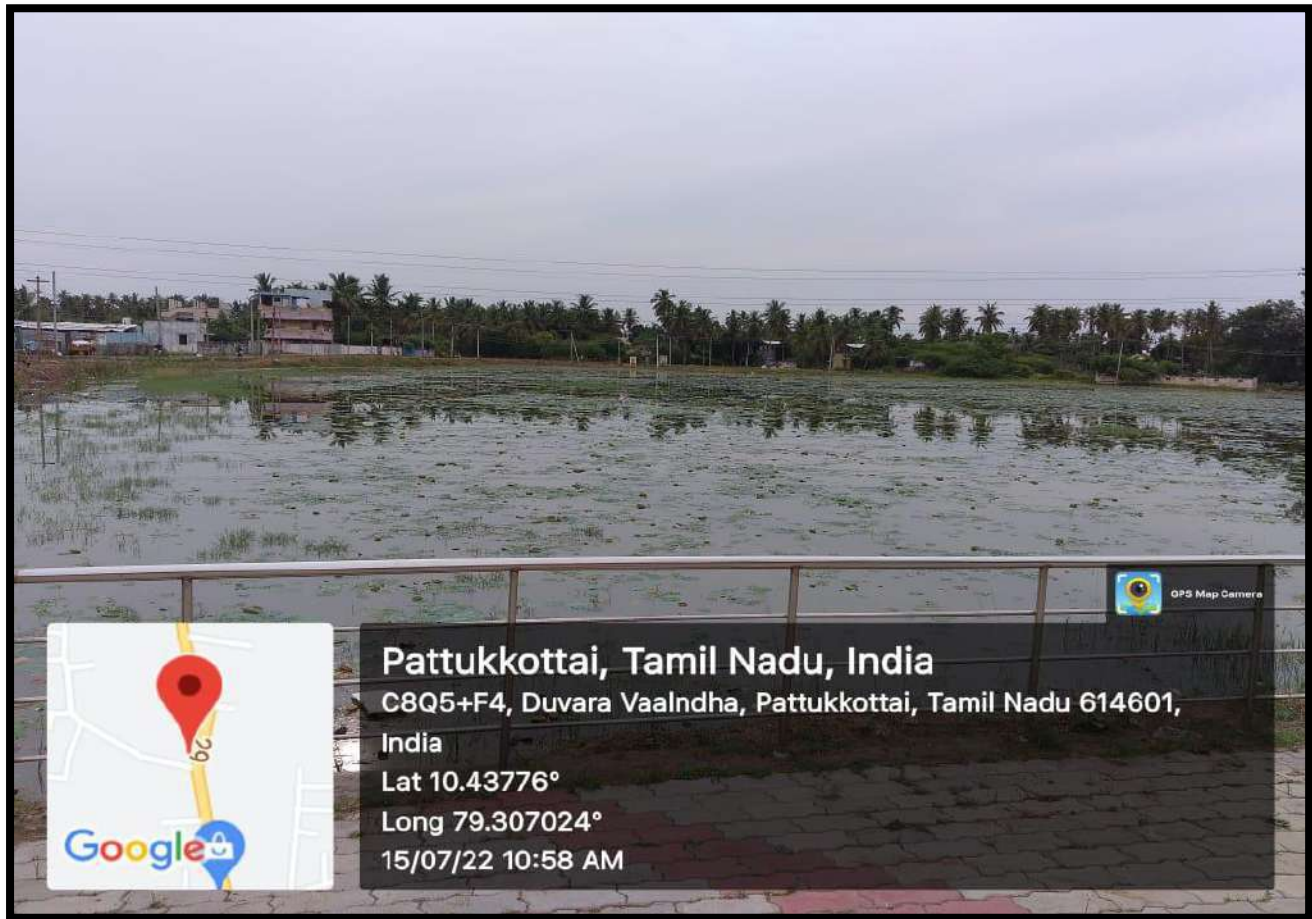
Period of Report: **15th July 2022 – 02nd AUGUST 2022**



### **DETAILED PROGRESS REPORT**



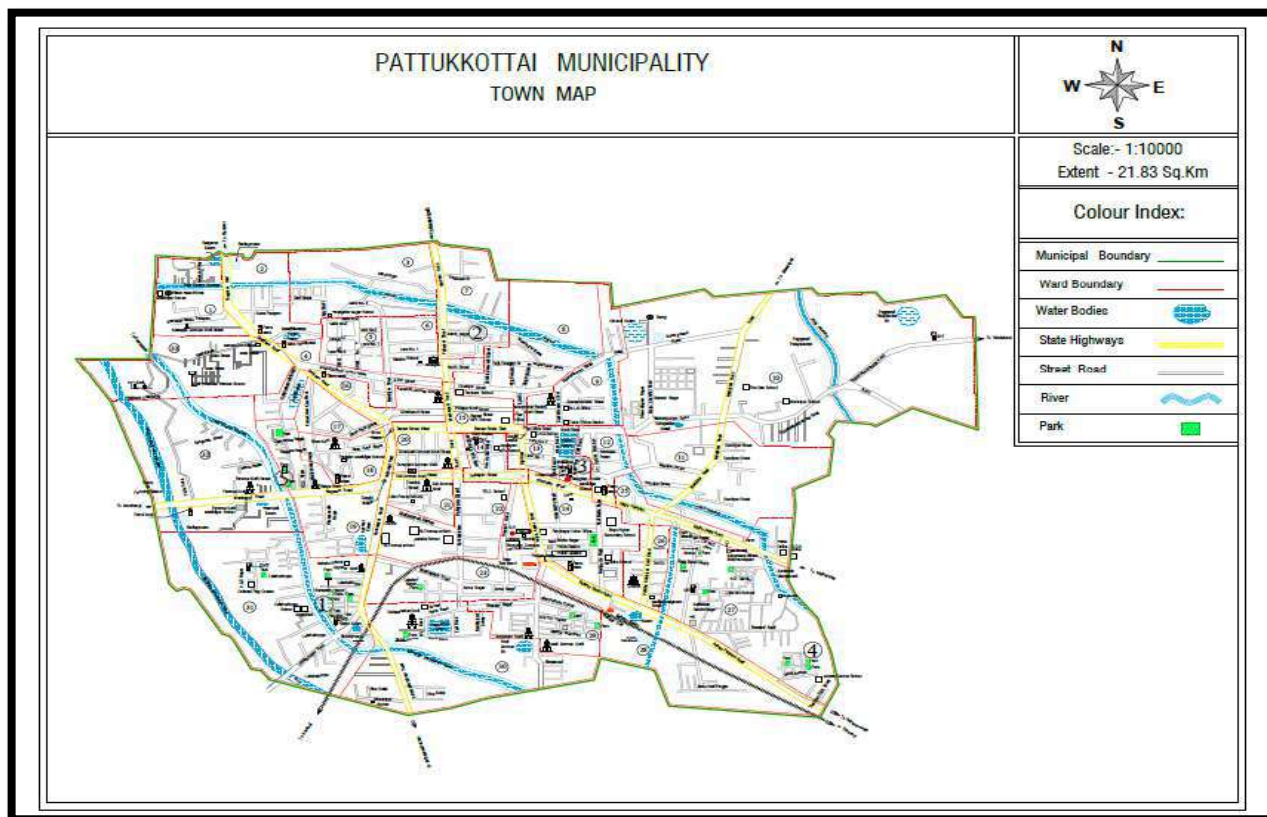
## HISTORY & ORIGIN:



- ✓ **SEMBIRANKULAM** is a water body situated in Pattukkottai block of Thanjavur district in Tamil Nadu.
- ✓ It is situated in rural part of Thanjavur district of Tamil Nadu.
- ✓ It is located in Aladikkumulai, one of the 56 villages of Pattukkottai Block of Thanjavur district.
- ✓ **SEMBIRANKULAM** water body is the ancient water body in Pattukkottai block covering 6 acres (23500 sqm) and maximum depth is said to be 15 feet.
- ✓ It's origin is around 150 years ago. Based on the survey from local people the water body was initially maintained by local Jamin Shri.Muthu Nayakkar,

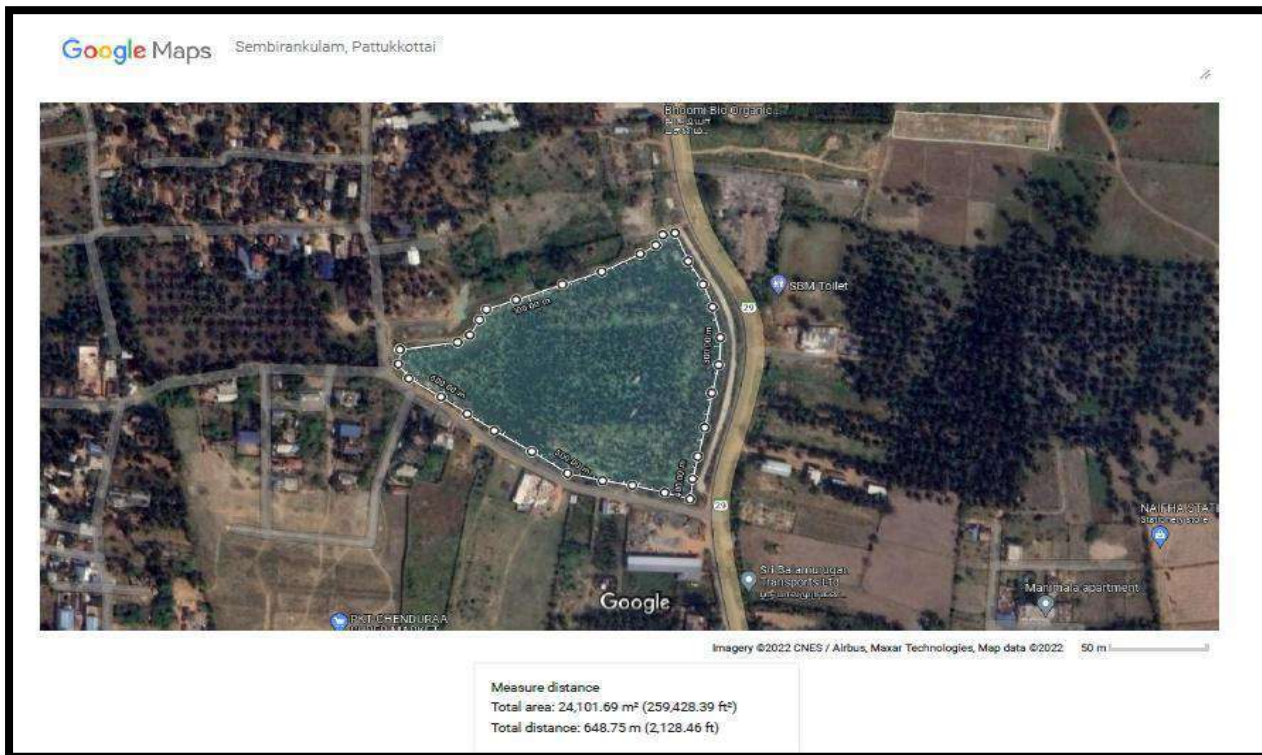


## HISTORICAL CONTENT & GEOGRAPHICAL SETTING:



- ✓ SEMBIRANKULAM water body is located at 10.43776° Latitude and 79.307024° Longitude covering an area of 23118 sqm.
- ✓ The area was calculated using total station survey. As per the survey from the local people, the boundary area has been gradually reduced.
- ✓ From the data gathered, it is learnt that, the main source for this water body is the channel from Kattaru river.
- ✓ There are 2 inlets in the water body leading from the sub-channels from Kattaru river.
- ✓ Since the water is untidy and due to the presence of garbage, plastic wastes and algae, physical measurement of depth of the water body was not carried out.
- ✓ But from the people's voice, the depth of the water body is said to be 15 feet.

## SPATIAL TEMPORAL ANALYSIS



- ✓ Spatial temporal analysis was done, to analyze the land-use changes and their impact on the water body and surrounding area.
- ✓ Analysis was carried out from the primary and secondary data collected from the Municipal office and Google earth.
- ✓ QGIS software is used for performing the spatial temporal analysis. QGIS is used for relating, integrating, and analyzing information of the water body.
- ✓ We also observed that, there is a gradual decrease in the boundary of the water body.
- ✓ With the help of the spatial temporal analysis we can examine the behavior of the water body.
- ✓ Comparison of the calculated area of the water body with the map values and reasons for decrease in area of the water body were identified.
- ✓ Student interns actively participated in group discussion regarding the spatial temporal analysis.

## WATER SAMPLING & TESTING

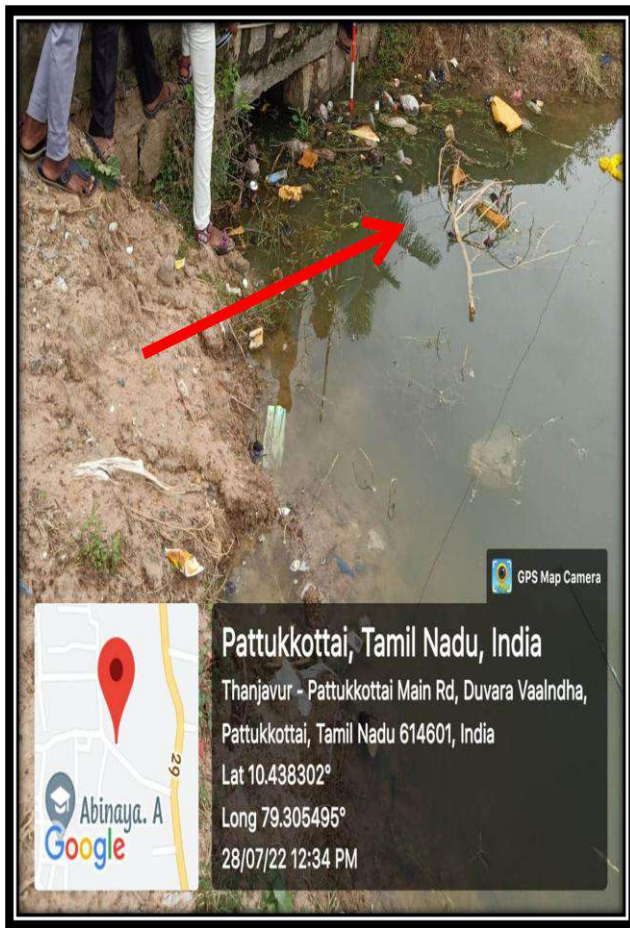


- ✓ Water samples were collected. Since the depth was more, samples were collected from the boundary areas only, for safety purposes.
- ✓ Collected water samples were tested in our laboratory. Various water quality parameters like pH, BOD, COD, Turbidity and Alkalinity were analyzed.

| S.NO | TEST CONDUCTED | RESULT   | REMARKS                                                                             |
|------|----------------|----------|-------------------------------------------------------------------------------------|
| 1    | pH             | 8.5      | Water is alkaline in Nature.                                                        |
| 2    | BOD            | 250 ppm  | High BOD value, because of solid waste disposal into the water body.                |
| 3    | COD            | 350 mg/l | High COD value, due to the presence of oxidizable organic matter in the water body. |
| 4    | Turbidity      | 9.5 NTU  | It indicates the water quality as BAD.                                              |
| 5    | Alkalinity     | 135 mg/l | Presence of sewage in the water body makes the water more alkaline.                 |



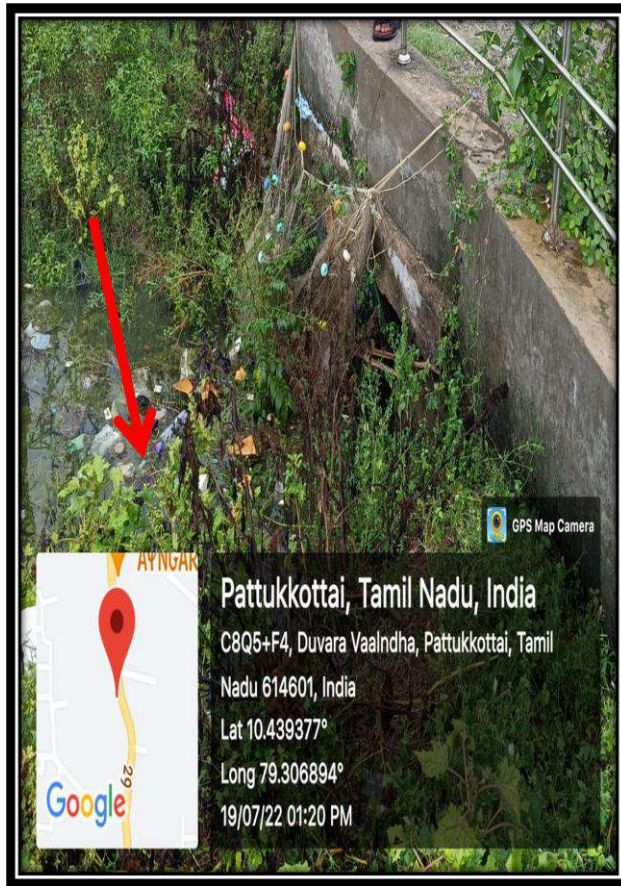
## HEALTH OF THE WATERBODY



- ✓ The water body is not clean. It has lot of garbage, plastic wastes and algae spread over it and is not good for drinking.
- ✓ Presence of solid wastes and organic matters in the water body has increased the BOD, COD level.
- ✓ Alkalinity level also seems to be high due to sewage mixing in the water body.
- ✓ Another water quality parameter tested was Turbidity and found to be 9.5 NTU. It indicates the water quality as BAD.
- ✓ From the results of the water sample testing, it may be concluded that, the water from Sembirankulam is not good for drinking. The water body may be utilized for irrigation but proper measures are to be taken for clearing the garbage, plastic wastes and algae spread over the water body.



## STATUS OF CHANNEL INFLOW



- ✓ The inlet of the water body was analyzed by our interns.
- ✓ The water body has 2 inlets and both the inlets are surrounded by garbage and plastic wastes.
- ✓ The inlet should have a proper screening to avoid entry of solid particles into the water body.
- ✓ Also because of the garbage, organic wastes & plastic wastes the water quality parameter has also drastically changed.
- ✓ Out of the 2 inlets, screening was available in 1 inlet. But it is damaged and hence garbage, organic wastes & plastic wastes enters the water body.
- ✓ In addition during rainy days water flow might get reduced, due to the presence of garbage, organic wastes & plastic wastes at the inlet, that affecting the level of the water body.

## SCOPE FOR REJUVENATION



**SEMBIRANKULAM water body can be rejuvenated as a vibrant public place by providing:**

- ✓ **Landscape near the water body. It gives good ambience to the water body thereby attracting the people to visit the place.**
- ✓ **Play area for children. It attracts the kids.**
- ✓ **Path-way for walking and exercise. Youngsters and enthusiastic people will utilize the place for physical training.**
- ✓ **Lightings using solar panels. It gives eco-friendly provision for electricity and safety during night time.**
- ✓ **Bio-toilets for public use. It will keep the place tidy and also acts as a provision for nature calls.**



## OTHER HIGHLIGHTS OF THE WATER BODY



**Our interns conducted a survey among the local people and gathered information about the water body.**

- ✓ **The water body is mainly used for fishing and irrigation purposes.**
- ✓ **The boundary of the water body has been drastically reduced.**
- ✓ **The quality of the water body has been dropped because of improper maintenance.**
- ✓ **Proper awareness should be created among the people to avoid littering.**

**Things to be prevented:**

- ✓ **Local people use the water body for washing and bathing, which should be prohibited. Since it will affect the aquatic life of the water body.**
- ✓ **Since the water body is located in a rural area, some people are using it as a toiletry place. It should be strictly prevented.**
- ✓ **Local people should avoid littering near/into the water body.**

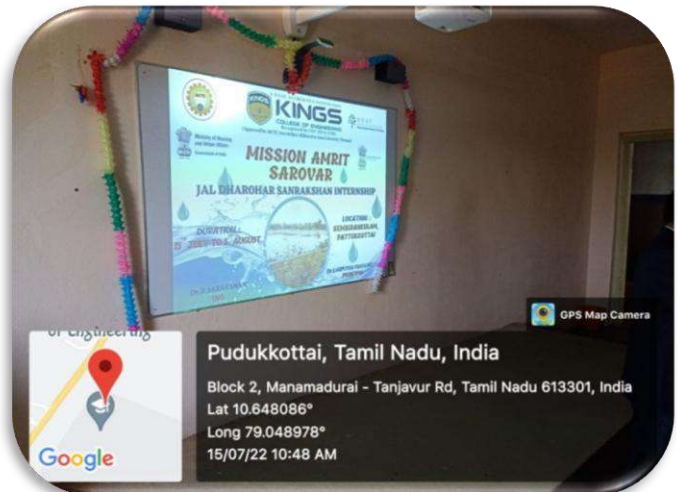
## CONCLUSION



- ✓ **Conserving water is important because it keeps water pure and clean while protecting the environment.**
- ✓ **Rainwater harvesting should be implemented for aquifer recharge and integrated water cycle management to be adopted.**
- ✓ **Screening should be done at the water body inlet to avoid entry of garbage, organic wastes & plastic wastes into the water body.**
- ✓ **Pathway is provided at one side of the water body. It should be extended on all sides.**
- ✓ **Washing & bathing should be prohibited at the water body and water should be used only for fishing & irrigation.**
- ✓ **Landscaping, kids play area, pathway for walking & exercise, solar lightings, bio-toilets can be provided at the water body for vibrant public use.**
- ✓ **Every drop counts. Hence saving water is necessary. It can be possible only with the help of the public, who are the consumers.**
- ✓ **Let's join our hands to save water together!**



## SOME GLIMPSES OF THE INTERNSHIP



*Pre-planning for internship and guidelines to students by INO*



*Surveying at SEMBIRANKULAM water body using Total station*



*Surveying at SEMBIRANKULAM water body using GPS*





*Inlet at the water body, Sembirankulam*



*Display of poster at the water body Sembirankulam*



*Monitoring of Internship progress by INO*





*Spatial temporal analysis at lab*



*Comparison of the calculated area of the water body with the map values.*



*Inspection of the water body inlet*





*Collection of water samples at the waterbody, Sembirankulam*



*Water sample testing at lab*



*Survey among the local people near the water body*





**STUDENT INTERNS WITH  
PRINCIPAL Dr.J.ARPUTHA VIJAYA SELVI & INO Dr.R.SARAVANAN**



**LET'S JOIN OUR HANDS TO SAVE WATER TOGETHER !!!**



Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,  
**PRINCIPAL**

Ref: KCE / PRL / internship/ 108 /22-23

23.12.2022

To  
The Chief coordinating officer,  
Jal Dharohar Sanrakshan Internship,  
AICTE,  
New Delhi.

Sir,

Sub: Submission of Utilization certificate – reg.,

Ref: Annexure I of O.M.No K-14O11/16/2017-AMRUT-II A dated 26th July 2022

With reference to the above, herewith, we are submitting the fund utilization certificate for the JAL DHAROHAR SANRAKSHAN INTERNSHIP for your kind perusal.

Thank you,

Regards,

Dr. J. Arputha Vijaya Selvi

*J. Arputha*  
23/12/2022

Encl : Utilization Certificate

**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303.



**UTILISATION CERTIFICATE FOR THE FINANCIAL YEAR 2022-2023****Mission Amrit Sarovar - Jal Dharohar Sanrakshan (MAS-JDS) Internship**Date: 23<sup>rd</sup> December 2022Name of the Institute: **KINGS COLLEGE OF ENGINEERING, PUNALKULAM**Allotted Water Body Name: **SEMBIRANKULAM**Serial Number as per Annexure I of O.M.No K-14011/16/2017-AMRUT-II A dated 26<sup>th</sup> July 2022:Name of the Scheme under which the amount was sanctioned under the **Mission Amrit Sarovar - Jal Dharohar Sanrakshan (MAS-JDS) Internship.**

| Sl. No | AICTE Sanction Order/Letter No.(s) & Date under which the amount was sanctioned | Installment Amount Received (Rs.) | Total Amount Received (Rs.) | Remarks                                                                                                                                                                                                                                                                                                                                             |
|--------|---------------------------------------------------------------------------------|-----------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | 2                                                                               | 3                                 | 4                           | 5                                                                                                                                                                                                                                                                                                                                                   |
| 1      | 1-1/NEAT/AMRIT/2022-23/ AMS-JDS/ 81 & 26 <sup>th</sup> July 2022                | 1,00,000                          | 2,00,000                    | Certified that out of Grant-in-Aid of <b>Rs. 2,00,000</b> sanctioned by the AICTE during the financial year 2022-2023 in favor of <b>KINGS COLLEGE OF ENGINEERING</b> , as per letter mentioned in column 2, <b>Rs. 2,00,000</b> has been utilized for the purpose for which it was sanctioned and the balance of <b>Rs. 0</b> remained unutilized. |
| 2      | 1-1/NEAT/AMRIT/2022-23/ AMS-JDS/ 314 & 22 <sup>nd</sup> August 2022             | 1,00,000                          |                             |                                                                                                                                                                                                                                                                                                                                                     |

Certified that I have satisfied myself that the conditions on which the amount was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -Audited Annual Accounts of the Institute, Receipt and Payment account

**A. SOUNDARARAJAN B.Sc., F.C.A.****CHARTERED ACCOUNTANT****M. NO. 022701****9, 2nd Main Road CIT Colony****Mylapore, Chennai - 600 004.**

Full Address with Seal

(Mandatory for Self Financing Institutes)

Signature of Chartered Accountant

Membership No.:022701

**A. Soundararajan**

Name of Chartered Accountant Principal

Signature of the Institution's Finance Officer

Name of the Finance Officer

**MANAGER (Accounts)****KINGS COLLEGE OF ENGINEERING****PUNALKULAM - 613 303.****GANDARVAKOTTAI TALUK, PUDUCHOTTAI DISTRICT.**

Signature of Head of the Institute

Name of Head of the Institute &amp; Official Seal

**Dr. J. Arputha Vijaya Selvi,**  
B.E., M.E., Ph.d.**PRINCIPAL**  
**Kings College of Engineering**  
**Punalkulam - 613 303.**



# FORMAT FOR RECEIPT AND PAYMENT ACCOUNT

| RECEIPT |                                                                                                           |                                |                                | PAYMENT |                                                                      |              |                   |
|---------|-----------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|---------|----------------------------------------------------------------------|--------------|-------------------|
| Sl. No. | Receipt                                                                                                   | Opening Balance - Amount (Rs.) | Closing Balance - Amount (Rs.) | Sl. No. | Payments                                                             | Amount (Rs.) | Amount (Rs.)      |
| 1       | To Opening Balance                                                                                        | 0/-                            | 0/-                            | 1       | Mission Amrit Sarovar - Jal Dharohar Sanrakshan (MAS-JDS) Internship | 0/-          | 2,00,000/-        |
| 2       | Total Eligible Amount Received under Mission Amrit Sarovar - Jal Dharohar Sanrakshan (MAS-JDS) Internship | 2,00,000/-                     | 2,00,000/-                     | 2       | Student Stipend (Detailed in Annexure-I)                             | 0/-          | 1,50,000/-        |
|         |                                                                                                           |                                |                                | 3       | INO Monetary Compensation (Detailed in Annexure-I)                   | 0/-          | 30,000/-          |
|         |                                                                                                           |                                |                                | 4       | Project Expense - Travel, Poster Printing etc.                       | 0/-          | 20,000/-          |
|         | <b>Grand Total</b>                                                                                        | <b>2,00,000/-</b>              | <b>2,00,000/-</b>              |         | <b>Grand Total</b>                                                   | <b>0/-</b>   | <b>2,00,000/-</b> |

**A. SOUNDARARAJAN B.Sc., F.C.A.**  
**CHARTERED ACCOUNTANT**

**M. NO. 022701**

**9 2nd Main Road CIT Colony**  
**Mylapore, Chennai 600 004.**

**(Mandatory for Self Financing Institutes)**

*[Signature]*  
Signature of Chartered Accountant  
Membership No.:022701

*[Signature]*  
Signature of Head of the Institute

**A. Soundararajan**  
Name of Chartered Accountant Principal

*[Signature]*  
Signature of the Institution's Finance Officer  
Name of the Finance Officer

**MANAGER (Accounts)**  
**KINGS COLLEGE OF ENGINEERING**  
**GANDAPPAUR, CHENNAI, TAMIL NADU DISTRICT.**

Name of Head of the Institute & Official Seal

**Dr. J. Arputha Vijaya Selvi**  
**B.E., M.E., Ph.D.**  
**PRINCIPAL**  
**Kings College of Engineering**  
**Puralkulam- 613 303.**

**ANNEXURE - I**

**INO Compensation Payment Details**

| S.No. | INO Name       | Mode of Payment | Account Number  | Compensation Paid (Rs) |
|-------|----------------|-----------------|-----------------|------------------------|
| 1     | Dr.R.SARAVANAN | RTGS            | 136401000015804 | 30,000.00              |

**Student Stipend Payment Details**

| S.No. | Student Name   | Mode of Payment | Account Number  | Stipend Paid (Rs) |
|-------|----------------|-----------------|-----------------|-------------------|
| 1     | AGALYA B       | RTGS            | 5022108000289   | 10,000.00         |
| 2     | ANBUMANI S     | RTGS            | 6852903442      | 10,000.00         |
| 3     | DIVYA S        | RTGS            | 6359001683      | 10,000.00         |
| 4     | JANANI T S     | RTGS            | 05350100015018  | 10,000.00         |
| 5     | JAYACHANDRAN N | RTGS            | 285801000002831 | 10,000.00         |
| 6     | JAYASEELAN M   | RTGS            | 6441703496      | 10,000.00         |
| 7     | KURALARASAN R  | RTGS            | 34371213538     | 10,000.00         |
| 8     | MADHUMITHA R   | RTGS            | 6480377612      | 10,000.00         |
| 9     | MONIKA M       | RTGS            | 6365755806      | 10,000.00         |
| 10    | RENGESWARI R   | RTGS            | 6854727677      | 10,000.00         |
| 11    | RUBIKA M       | RTGS            | 136401000030817 | 10,000.00         |
| 12    | SANTHOSH S     | RTGS            | 6252495015      | 10,000.00         |
| 13    | SATHYA P       | RTGS            | 35074998263     | 10,000.00         |
| 14    | STALIN P       | RTGS            | 1854120000040   | 10,000.00         |
| 15    | DANIEL NAVIS F | RTGS            | 275301000011705 | 10,000.00         |

  
Signature & Seal of Head of the  
Institute

Name of Head of the Institute  
**Dr. J. Arputha Vijaya Selvi,**  
B.E., M.E., Ph.D.  
**PRINCIPAL**  
Kings College of Engineering  
Punaikulam- 613 303.

***DEPARTMENT OF***  
***COMPUTER SCIENCE***  
***AND***  
***ENGINEERING***  
**ACADEMIC YEAR**  
**2022-2023**



# INTERNSHIP & IN-HOUSE TRAINING





## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year 2022-2023 / Odd Semester

Internship Details

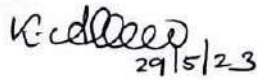
List of Companies

| Sl.No | Company Name                   | Beneficiaries count |
|-------|--------------------------------|---------------------|
| 1.    | OLIR Designs                   | 7                   |
| 2.    | KPMG                           | 3                   |
| 3.    | VSafe                          | 9                   |
| 4.    | SAP                            | 4                   |
| 5.    | Three Dots Innovation          | 8                   |
| 6.    | Smart Knower                   | 2                   |
| 7.    | Aceptron                       | 1                   |
| 8.    | SCION software solutions       | 1                   |
| 9.    | Suven Consultants & Technology | 2                   |
| 10.   | Fantasy Solution               | 6                   |

| Sl.No | Company Name       | Beneficiaries count |
|-------|--------------------|---------------------|
| 11.   | TCS                | 5                   |
| 12.   | MARCELLO TECH      | 3                   |
| 13.   | IGNIZEE            | 3                   |
| 14.   | ESOFT              | 17                  |
| 15.   | ALPHA SOLUTION     | 5                   |
| 16.   | SCION              | 3                   |
| 17.   | FANTACY SOLUTION   | 13                  |
| 18.   | PANTECH E-LEARNING | 2                   |
|       | TOTAL              | 94                  |



Coordinator



HOD(i/c)/CSE



Principal

**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303





## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**Academic Year 2022-23 / Odd Semester**

### Internship Details

**Class: IV CSE**

| R.NO | Name of the Student | Topic                   | Company Name     | Duration/Period  |
|------|---------------------|-------------------------|------------------|------------------|
| 1    | Aarthi. R           | Web Design              | OLIR Design      | 15/7/22-4/8/22   |
| 2    | Aiyappan. S         | Data Analytics          | KPMG             | 5/7/22 – 13/8/22 |
| 3    | Ajay Prasanna. G S  | Data Visualization      | TCS              | 1/8/22 - 17/8/22 |
| 4    | Akash .K            | Data Visualization      | TCS              | 1/8/22 - 17/8/22 |
| 5    | Akshayalakshmi. G   | Android App Development | VSafe            | 15/7/22-4/8/22   |
| 6    | Aravind. A          | Data Visualization      | TCS              | 1/8/22 - 17/8/22 |
| 7    | Avudaiappan .A B    | Cyber Security          | SAP              | 1/8/22 – 13/8/22 |
| 8    | Bakiya Lakshmi .A   | Java Programming        | Fantasy Solution | 14/7/22-28/7/22  |
| 9    | Balakrishnan. M     | Web Design              | OLIR Design      | 15/7/22-4/8/22   |
| 10   | Bavya. S            | Android App Development | VSafe            | 15/7/22-4/8/22   |

|    |                   |                         |                          |                   |
|----|-------------------|-------------------------|--------------------------|-------------------|
| 11 | Bhavatharani .T   | Internet of Things      | Three Dots Innovation    | 15/7/22-4/8/22    |
| 12 | Deepika. P        | Internet of Things      | Three Dots Innovation    | 15/7/22-4/8/22    |
| 13 | Devipriya. S      | Web Development         | Smart Kowner             | 1/3/22 – 30/4/22  |
| 14 | Dharani. G        | Java Programming        | Fantasy Solution         | 14/7/22-28/7/22   |
| 15 | Divakaran. J      | Web Development         | Aceptron                 | 12/7/22 – 4/8/22  |
| 16 | Elayadharshini .T | Internet of Things      | Three Dots Innovation    | 15/7/22-4/8/22    |
| 17 | Fasila Afreen .J  | Web Design              | OLIR Design              | 15/7/22-4/8/22    |
| 18 | Gokul .M          | Internet of Things      | Three Dots Innovation    | 15/7/22-4/8/22    |
| 19 | Gomathi .A        | Python Programming      | SCION software solutions | 16/2/22 – 23/2/22 |
| 20 | Gopinath. P       | Cyber Security          | SAP                      | 20/7/22 – 4/8/22  |
| 21 | Govindharajan. K  | Cyber Security          | SAP                      | 5/7/22 – 10/8/22  |
| 22 | Kamali. K         | Android App Development | VSafe                    | 15/7/22-4/8/22    |
| 23 | Kanishkar .K      | Data Visualization      | TCS                      | 1/8/22 - 17/8/22  |
| 24 | Karkuzhali. N     | Android App Development | VSafe                    | 15/7/22-4/8/22    |

|    |                   |                         |                                |                   |
|----|-------------------|-------------------------|--------------------------------|-------------------|
| 25 | Karthika. R       | Android App Development | VSafe                          | 15/7/22-4/8/22    |
| 26 | Mohamed Yasir. A  | Data Analytics          | KPMG                           | 2/8/22 – 16/8/22  |
| 27 | Muralidharan. N   | Javascript              | Fantasy Solution               | 14/7/22 – 28/7/22 |
| 28 | Nandhini. J       | Web Design              | OLIR Design                    | 15/7/22-4/8/22    |
| 29 | Pavitha .P        | Internet of Things      | Three Dots Innovation          | 15/7/22-4/8/22    |
| 30 | Priyadharshini .E | Android App Development | VSafe                          | 15/7/22-4/8/22    |
| 31 | Ramakrishnan .E   | Web Design              | Suven Consultants & Technology | 18/7/22 – 31/7/22 |
| 32 | Rethinapriya. T   | Android App Development | VSafe                          | 15/7/22-4/8/22    |
| 33 | Sachin .R         | Python                  | Fantasy Solution               | 14/7/22 – 28/7/22 |
| 34 | Sathish .T        | Python                  | Fantasy Solution               | 14/7/22 – 28/7/22 |
| 35 | Selvabharathi. S  | Data Analytics          | KPMG                           | 14/7/22 – 5/8/22  |
| 36 | Shakthivel .M     | Cyber Security          | SAP                            | 14/7/22 – 4/8/22  |
| 37 | Siva .G           | Android App Development | VSafe                          | 15/7/22-4/8/22    |
| 38 | Sivaranjani . S   | Internet of Things      | Three Dots Innovation          | 15/7/22-4/8/22    |
| 39 | Suguna. S         | Internet of Things      | Three Dots Innovation          | 15/7/22-4/8/22    |



|    |                    |                         |                                |                   |
|----|--------------------|-------------------------|--------------------------------|-------------------|
| 40 | Suresh Karthik .J  | Internet of Things      | Three Dots Innovation          | 15/7/22-4/8/22    |
| 41 | Suruthi. S         | Web Design              | OLIR Design                    | 15/7/22-4/8/22    |
| 42 | Surya. A           | Internet of Things      | Three Dots Innovation          | 15/7/22-4/8/22    |
| 43 | Swetha. S          | Android App Development | VSafe                          | 15/7/22-4/8/22    |
| 44 | Tharanika. K       | Java Programming        | Fantasy Solution               | 14/7/22-28/7/22   |
| 45 | Varun. K           | Web Development         | Suven Consultants & Technology | 17/7/22 – 30/7/22 |
| 46 | Vengatramanan. S   | Web Development         | Smart Knower                   | 1/3/22 – 30/4/22  |
| 47 | Vignesh. K         | Data Visualization      | TCS                            | 1/8/22 - 17/8/22  |
| 48 | Vikiramadhithan .M | Data Analytics          | KPMG                           | 14/7/22 – 5/8/22  |
| 49 | Viswa .A           | Web Design              | OLIR Design                    | 15/7/22-4/8/22    |
| 50 | Suruthi.S          | Web Design              | OLIR Design                    | 15/7/22-4/8/22    |



**Coordinator**



**HOD/CSE**



**Principal**

**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year 2022-23 / Even Semester

### Internship Details

**Class: III CSE**

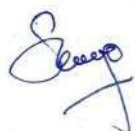
| R.No | Name of the Student | Topic            | Company Name           | Duration/Period |
|------|---------------------|------------------|------------------------|-----------------|
| 1    | AASHA J             | FANTASY SOLUTION | JAVA PROGRAMMING       | 17 days         |
| 2    | AJAY S              | ESOFT            | IOT                    | 15 days         |
| 3    | ARUNOTHAYA A C      | MARCELLO TECH    | FULL STACK DEVELOPMENT | 15 days         |
| 4    | ATCHAYA R V         | MARCELLO TECH    | FULL STACK DEVELOPMENT | 15 days         |
| 5    | BHAVATHARANI V      | IGNIZEE          | WEB DEVELOPMENT        | 15 days         |
| 6    | BOOMIKA R           | MARCELLO TECH    | FULL STACK DEVELOPMENT | 15 days         |
| 7    | DEEPAN S            | ESOFT            | WEB DESIGNING          | 15 days         |
| 8    | DEEPIKA K           | FANTASY SOLUTION | JAVA PROGRAMMING       | 17 days         |

|    |                  |                    |                                   |         |
|----|------------------|--------------------|-----------------------------------|---------|
| 9  | DINESH S         | FANTASY SOLUTION   | JAVA PROGRAMMING                  | 17 days |
| 10 | ESWAR S          | ESOFT              | WEB DESIGNING                     | 15 days |
| 11 | GAYATHRI M       | FANTASY SOLUTION   | JAVA PROGRAMMING                  | 17 days |
| 12 | GEETHA I         | IGNIZEE            | WEB DEVELOPMENT                   | 15 days |
| 13 | HARISH B         | FANTASY SOLUTION   | JAVA PROGRAMMING                  | 17 days |
| 14 | JAYAVANI K       | FANTASY SOLUTION   | JAVA PROGRAMMING                  | 17 days |
| 15 | JENO VINNARASI A | ESOFT              | WEB DESIGNING                     | 15 days |
| 16 | KARTHIKA M       | ESOFT              | IOT                               | 15 days |
| 17 | KAYALVIZHI K     | ALPHA SOLUTION     | FULL STACK DEVELOPMENT            | 15 days |
| 18 | KEERTHIGA S      | ESOFT              | WEB DESIGNING                     | 15 days |
| 19 | LAVANYA J        | ESOFT              | WEB DESIGNING                     | 15 days |
| 20 | MAHALAKSHMI V    | ESOFT              | WEB DESIGNING                     | 15 days |
| 21 | MOHAMED SAMEER S | ESOFT              | IOT                               | 15 days |
| 22 | MUHILAN E        | PANTECH E LEARNING | PYTHON WITH FULLSTACK DEVELOPMENT | 1 month |
| 23 | NANDHINI S       | IGNIZEE            | WEB DEVELOPMENT                   | 15 days |
| 24 | NIVETHA S        | ESOFT              | IOT                               | 15 days |

|    |                  |                    |                                   |         |
|----|------------------|--------------------|-----------------------------------|---------|
| 25 | PARKAVI D        | ALPHA SOLUTION     | FULL STACK DEVELOPMENT            | 15 days |
| 26 | PRAKASH A        | PANTECH E LEARNING | PYTHON WITH FULLSTACK DEVELOPMENT | 1 month |
| 27 | PRIYARANI B      | ESOFT              | IOT                               | 15 days |
| 28 | RAGUL SANKAR J   | ESOFT              | IOT                               | 15 days |
| 29 | REENA S          | FANTASY SOLUTION   | JAVA PROGRAMMING                  | 17 days |
| 30 | SAFREENBANU S    | FANTASY SOLUTION   | JAVA PROGRAMMING                  | 17 days |
| 31 | SANTHOSH KUMAR G | ESOFT              | IOT                               | 15 days |
| 32 | SATHYA A         | ESOFT              | IOT                               | 15 days |
| 33 | SATHYA R         | FANTASY SOLUTION   | JAVA PROGRAMMING                  | 17 days |
| 34 | SNEGA S          | ALPHA SOLUTION     | FULL STACK DEVELOPMENT            | 15 days |
| 35 | SNEHA E          | SCION              | MOBILE COMPUTING                  | 15 days |
| 36 | SNEHA P(23/5)    | ESOFT              | WEB DESIGNING                     | 15 days |
| 37 | SNEKA P(19/6)    | SCION              | MOBILE COMPUTING                  | 15 days |
| 38 | SURUTHIGA C      | ESOFT              | IOT                               | 15 days |
| 39 | THIRUMURUGAN S   | FANTASY SOLUTION   | JAVA PROGRAMMING                  | 17 days |
| 40 | VANATHI G        | SCION              | MOBILE COMPUTING                  | 15 days |
| 41 | VARSHA N N       | ESOFT              | IOT                               | 15 days |



|    |              |                  |                        |         |
|----|--------------|------------------|------------------------|---------|
| 42 | VASINYA M    | ALPHA SOLUTION   | FULL STACK DEVELOPMENT | 15 days |
| 43 | VICHITHRA V  | FANTASY SOLUTION | JAVA PROGRAMMING       | 17 days |
| 44 | VINTHIYA M   | ALPHA SOLUTION   | FULL STACK DEVELOPMENT | 15 days |
| 45 | YOKESHWARI P | FANTASY SOLUTION | JAVA PROGRAMMING       | 17 days |
| 46 | SELVAPRIYA A | FANTASY SOLUTION | JAVA PROGRAMMING       | 17 days |



**Coordinator**



**HOD/CSE**



**Principal**

**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**IHT/INTERSHIP DETAILS**

**2022-2023 ODD**

**T.Bhavatharani**

**Deepika P**



**T.Elayadharshinii**

**M. Gokul**



**P.Pavitha.**

**S.Sivaranjani**



**S. Suguna**



**J. Suresh Karthik**



**A. Surya**



**S Suruthi**



**A. Viswa**



**R. Aarthi**



## J. Fasila Afreen



## Nandhini J



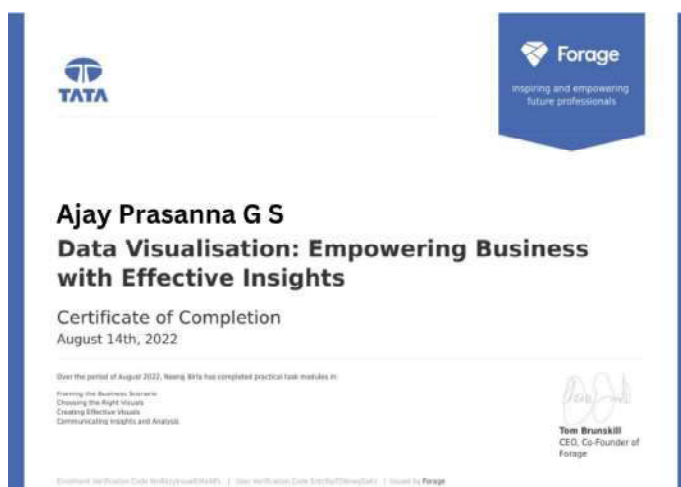
## M. Balakrishnan



## k.Karniskar



## GS Ajay prasanna



## K. Vignesh





K Akash



A Aravind



G. Dharani



A. Bakiya Lakshmi



R. Sachin



K. Tharanika



**N. Muralidharan**



**T Sathish**



**S Ayyapan**



**A Mohammed Yasir**



**S Selvabharathi**



**M. Vikramadhithan**



## Gopinath



## Govindharajan



## Sakthivel



## Avudayappan

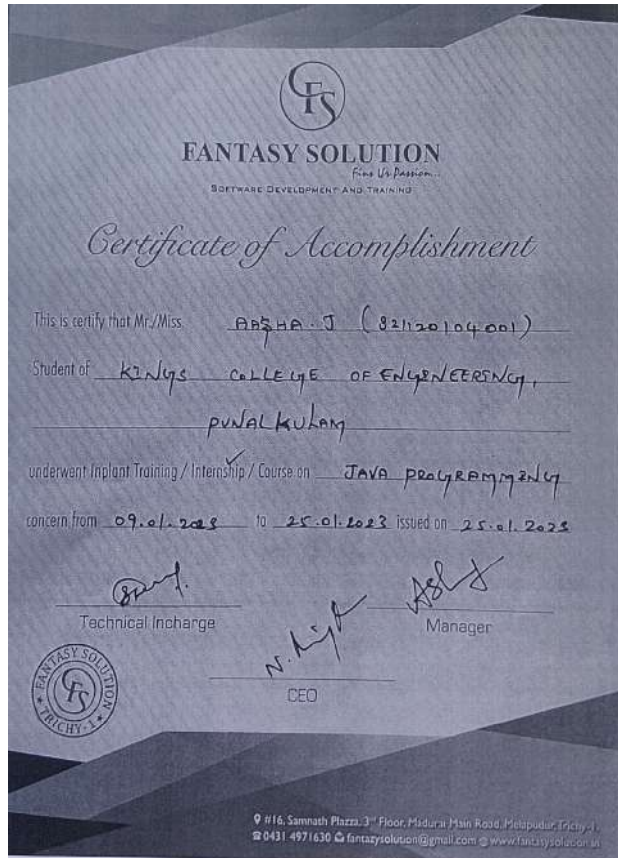




**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**IHT/INTERNSHIP DETAILS**  
**2022-2023 EVEN**

Aasha J

Gayathri M



Yogeshwari P

Safreen Banu S





Deepika K



Jayavani K



Selvapriya A



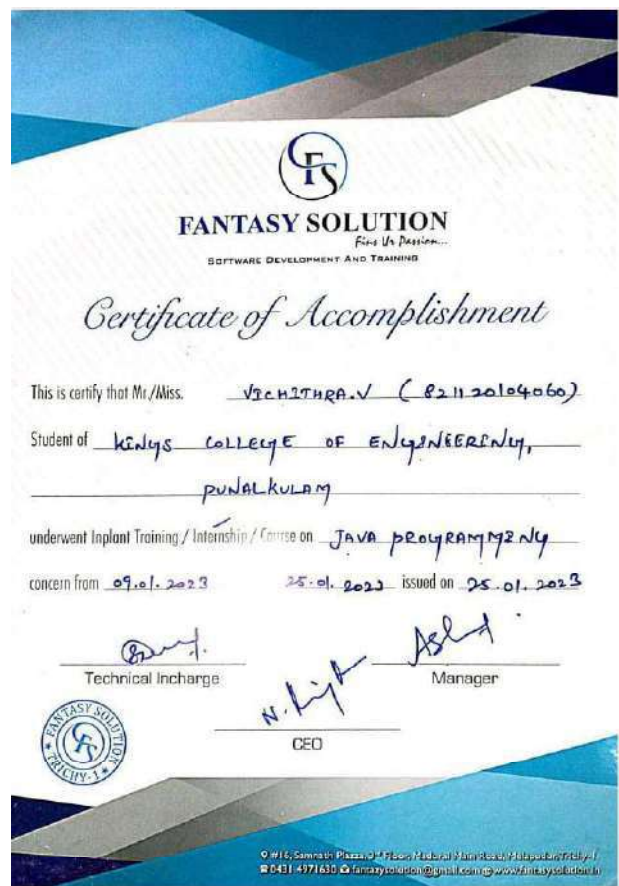
Sathya A



Reena S



Vichithra V



Ajay S



Ragul Shankar J





Santhosh Kumar G



Mohamed Sameer S



Arunothaya AC



Atchaya RV



Boomika R



Bhavatharani V



Geetha I



Nandhini S





Deepan S



Eswar S



Jeno Vinnarasi A



Lavanya J



Sneha P



Mahalakshmi V



Keerthiga S



Karthika M



Varsha NN



Suruthiga C



priyarani B



Nivetha S





## Sathya A



## Kayalvizhi K



## Parkavi D



## Snega S



## Vasinya M



## Vinthya M



Sneka E



Sneka P



Vanathi G



Thirumurugan S





Dinesh S



Harish B



Muhilan E



Prakash A



**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**ACADEMIC YEAR  
2022-2023**

# INTERNSHIP







**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR -2022-23**

**INTERNSHIP**

**CLASS : IV ECE**

| S.No | Reg.Number   | Student Name/Year  | Company Name                                   | Title                                                                                          | Date /Duration     |
|------|--------------|--------------------|------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------|
| 1.   | 821120106001 | AJAY A             | We Do Solution. Mayiladuthurai.                | Embedded System, VLSI, Home & Industrial Automation                                            | 01.07.23-30.07.23  |
| 2.   | 821120106002 | AMAR SAMUEL L      | We Do Solution. Mayiladuthurai.                | Embedded System, VLSI, Home & Industrial Automation.                                           | 16.07.23-31.07.23  |
| 3.   | 821120106003 | ANBURAJ R          | We Do Solution. Mayiladuthurai.                | Embedded System, VLSI, Home & Industrial Automation                                            | 01.07.23-30.07.23  |
| 4.   | 821120106004 | ANJALINE SNEKA J   | SAMCKO TECHNOLOGIES, Thanjavur-613009.         | Embedded system Cover Arduino Controller and Sensor Technology.                                | 01.07.23-14.07.23, |
| 5.   | 821120106005 | ANUSUYA V          | HITKEY TECH SOLUTION PVT LTD, Tiruchirappalli. | IoT                                                                                            | 05.07.23-19.07.23, |
| 6.   | 821120106006 | DEEPAKRAJ T        | SD PRO SOLUTIONS, Tiruchirappalli -2.          | VLSI Design. Digital System.                                                                   | 20.07.23-27.07.23  |
| 7.   | 821120106008 | DEVADHARSHINI B    | SAMCKO TECHNOLOGIES, Thanjavur-613009.         | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23. |
| 8.   | 821120106009 | DHIVYA DHARSHINI M | RAINBROW SPRINGS PVT.LTD. Chennai-600053.      | Embedded system Cover Arduino Controller and Sensor Technology,                                | 03.07.23-03.08.23  |
| 9.   | 821120106010 | DURGADEVI G        | SAMCKO TECHNOLOGIES, Thanjavur-613009.         | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23. |
| 10.  | 821120106012 | GURU RAGAVAN R K   | SAMCKO TECHNOLOGIES, Thanjavur-613009.         | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23. |
| 11.  | 821120106013 | HARIHARAN D        | SAMCKO TECHNOLOGIES, Thanjavur-613009.         | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23. |
| 12.  | 821120106014 | JAISHREE A         | We Do Solution. Mayiladuthurai.                | Embedded System, VLSI, Home & Industrial Automation .                                          | 15.06.23-30.06.23. |
| 13.  | 821120106015 | JANANI B           | HITKEY TECH SOLUTION PVT LTD, Tiruchirappalli. | IoT                                                                                            | 05.07.23-19.07.23, |
| 14.  | 821120106016 | JOTHIKA G          | O/o GM,BSNL, Thanjavur.                        | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 26.06.23-01.07.23  |
| 15.  | 821120106017 | KAVI NILA J        | SAMCKO TECHNOLOGIES, Thanjavur-613009.         | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23, |
| 16.  | 821120106018 | KEERTIGA S         | O/o GM,BSNL, Thanjavur.                        | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 26.06.23-01.07.23  |
| 17.  | 821120106019 | KIRTHICKVASAN S    | HITKEY TECH SOLUTION PVT LTD, Tiruchirappalli. | IoT                                                                                            | 05.07.23-19.07.23, |
| 18.  | 821120106020 | LOGESHWARAN M      | We Do Solution. Mayiladuthurai.                | Embedded System, VLSI, Home & Industrial Automation.                                           | 16.07.23-31.07.23  |
| 19.  | 821120106021 | MAHALAKSHMI R      | O/o GM,BSNL, Thanjavur.                        | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 26.06.23-01.07.23  |
| 20.  | 821120106022 | MANIYARASI R       | We Do Solution. Mayiladuthurai.                | Embedded System, VLSI, Home & Industrial Automation                                            | 01.07.23-15.07.23  |
| 21.  | 821120106025 | NANDHINI R         | We Do Solution. Mayiladuthurai.                | Embedded System, VLSI, Home & Industrial Automation                                            | 16.07.23-31.07.23  |

31/7/23  
Internship CO ORDINATOR  
(Mr.R. Balakrishnan, AP/ECE)

H.O.D.

31/7/23  
PRINCIPAL



|     |              |                     |                                                 |                                                                                                |                    |
|-----|--------------|---------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------|
| 22. | 821120106026 | NATIKA K S          | SAMCKO TECHNOLOGIES ,Thanjavur-613009.          | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23, |
| 23. | 821120106027 | NAVIN G             | We Do Solution. Mayiladuthurai.                 | Embedded System, VLSI, Home & Industrial Automation                                            | 01.07.23-30.07.23  |
| 24. | 821120106028 | NIVYA P             | We Do Solution. Mayiladuthurai.                 | Embedded System, VLSI, Home & Industrial Automation                                            | 16.07.23-31.07.23  |
| 25. | 821120106029 | PREETHI S           | RAINBROW SPRINGS PVT.LTD. Chennai-600053.       | Embedded system Cover Arduino Controller and Sensor Technology,                                | 03.07.23-03.08.23  |
| 26. | 821120106030 | PRIYADHARSHINI J    | We Do Solution. Mayiladuthurai.                 | Embedded System, VLSI, Home & Industrial Automation                                            | 16.07.23-31.07.23  |
| 27. | 821120106031 | PRIYANGA R          | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 28. | 821120106033 | RANJITH M           | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 26.06.23-01.07.23  |
| 29. | 821120106034 | SANDEEP R           | We Do Solution. Mayiladuthurai.                 | Embedded System, VLSI, Home & Industrial Automation                                            | 01.07.23-15.07.23  |
| 30. | 821120106035 | SATHISHKANNAN S     | SAMCKO TECHNOLOGIES ,Thanjavur-613009.          | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23, |
| 31. | 821120106036 | SHAFRIN S           | HITAKEY TECH SOLUTION PVT LTD, Tiruchirappalli. | IoT                                                                                            | 05.07.23-19.07.23, |
| 32. | 821120106037 | SHANMUGAPRIYA V     | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 33. | 821120106038 | SIVASETHUMATHAVAN D | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 34. | 821120106040 | SURUTHI S           | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 35. | 821120106039 | SOLAIMANI G         | SAMCKO TECHNOLOGIES ,Thanjavur-613009.          | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23, |
| 36. | 821120106041 | SWATHI SHUKI M      | SAMCKO TECHNOLOGIES ,Thanjavur-613009.          | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23, |
| 37. | 821120106045 | THIRISHAMALINI T    | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 38. | 821120106042 | TAMILAZHAHI M       | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 39. | 821120106043 | THENMOZHI J         | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 40. | 821120106044 | THIYAHALAKSHIMI T   | O/o GM,BSNL, Thanjavur.                         | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 41. | 821120106046 | VENKATESH M (VOC)   | SAMCKO TECHNOLOGIES ,Thanjavur-613009.          | Embedded system Cover Arduino Controller and Sensor Technology,                                | 01.07.23-14.07.23. |
| 42. | 821120106047 | VENNILA D           | We Do Solution. Mayiladuthurai.                 | Embedded System, VLSI, Home & Industrial Automation                                            | 16.07.23-31.07.23  |
| 43. | 821120106048 | VIGNESHWARI A       | We Do Solution. Mayiladuthurai.                 | Embedded System, VLSI, Home & Industrial Automation                                            | 16.07.23-31.07.23  |
| 44. | 821120106301 | JANANARTHANAN R     | HITAKEY TECH SOLUTION PVT LTD, Tiruchirappalli. | IoT                                                                                            | 05.07.23-19.07.23, |
| 45. | 821120106302 | MADHAN S            | HITAKEY TECH SOLUTION PVT LTD, Tiruchirappalli. | IoT                                                                                            | 05.07.23-19.07.23, |

31/7/23  
**CO ORDINATOR**  
 (Mr.R. Balakrishnan, AP/ECE)

31/7/23  
**HOD/ECE**  
**ELECTRONICS AND COMMUNICATION ENGINEERING**  
**KINGS COLLEGE OF ENGINEERING**

31/7/23  
**PRINCIPAL**  
**Kings College of Engineering**  
**PUNALKULAM - 613 303**





2<sup>nd</sup> Floor, Axt complex,  
41 TVR main road,  
Subramanyapuram,  
Mayiladuthurai,  
TamilNadu - 609001

**WeDo SOLUTIONS**

### INTERNSHIP CERTIFICATE

This is to certify that Mr. A AJAY (reg. no 821120106001)  
UG student of KINGS COLLEGE OF ENGINEERING,  
PUNALKULAM-613303 has successfully completed a  
summer internship course in **EMBEDDED SYSTEMS, VLSI,  
HOME & INDUSTRIAL AUTOMATION & SAFETY &  
SECURITY SYSTEMS** on 1<sup>st</sup> July 2023 to 30<sup>th</sup> July 2023

30<sup>th</sup> JULY 2023

(B. Arun Baskaran, B.E.)  
Managing Director



2<sup>nd</sup> Floor, Axt complex,  
41 TVR main road,  
Subramanyapuram,  
Mayiladuthurai,  
TamilNadu - 609001

**WeDo SOLUTIONS**

### INTERNSHIP CERTIFICATE

This is to certify that Mr. L AMAR SAMUEL (reg. no  
821120106002) UG student of KINGS COLLEGE OF  
ENGINEERING, PUNALKULAM 613303 has successfully  
completed a summer internship course in **EMBEDDED  
SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION &  
SAFETY & SECURITY SYSTEMS** on 16<sup>th</sup> July 2023 to 31<sup>st</sup>  
July 2023

31<sup>st</sup> JULY 2023

(B. Arun Baskaran, B.E.)  
Managing Director



2<sup>nd</sup> Floor, Axt complex,  
41 TVR main road,  
Subramanyapuram,  
Mayiladuthurai,  
TamilNadu - 609001

**WeDo SOLUTIONS**

### INTERNSHIP CERTIFICATE

This is to certify that Mr. R ANBURAJ (reg. no  
821120106003) UG student of KINGS COLLEGE OF  
ENGINEERING, PUNALKULAM-613303 has successfully  
completed a summer internship course in **EMBEDDED  
SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION &  
SAFETY & SECURITY SYSTEMS** on 1<sup>st</sup> July 2023 to 30<sup>th</sup>  
July 2023

30<sup>th</sup> JULY 2023

(B. Arun Baskaran, B.E.)  
Managing Director



**SAMCKO  
TECHNOLOGIES**

15<sup>th</sup> July 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. J. ANJALINE SNEHA (REG NO-821120106004) Student of  
RE "ECE" final year KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303  
has successfully completed certificate of Internship program course in "EMBEDDED  
SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during  
1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During her course period, her level of commitment, involvement and attitude were  
found to be exemplary.

We wish her all success in future endeavors.

With Warm Regards,  
SAMCKO Technologies

(N GopalaKrishnan, B.E.)  
HR-Manager



# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank Upstairs )  
South Main Street, Thanjavur -613 009. Mobile : 8370797168





CNo:JULMST124

## CERTIFICATE OF COMPLETION

This certificate is presented to

Mr./Ms. DEEPAK RAJ.T (821120106006)

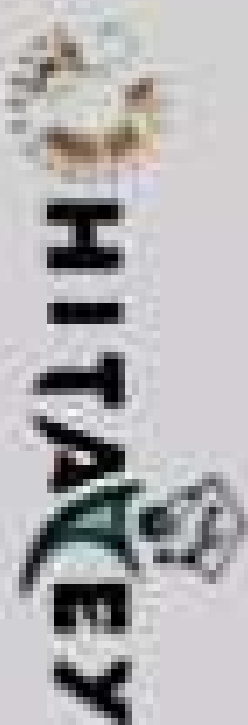
Has Successfully Completed INTERNSHIP Training Program  
In - VLSI DESIGN - DIGITAL SYSTEM  
During 20.07.2023 to 27.07.2023  
Congratulations on a job well done!

Managing  
Director



Technical Head

## HITAKKEY TECH SOLUTION PVT LTD



### CERTIFICATE of appreciation

is presented to:

V. Anusuya

from

ECE / KINGS COLLEGE OF ENGINEERING dept/college

has completed INTERNSHIP on 10.7

from 01.07.23 to 19.07.23

Best wishes!!

[Signature] [Signature]

TRAINER HEAD

DIRECTOR



**RAINBOW SPRINGS PVT. LTD.**  
தமிழ்நாடு கம்பிஸ்பைர் சிஸ்டம்ஸ் பிரைவட் லிமிடெட்  
(solution to your spring needs)

Reg. No. 821120106009, BE (Electronics and Communication Engineering) in KINGS COLLEGE OF ENGINEERING has done her internship training from 03/07/2023 to 03/08/2023 has completed successfully in our organization.

Date: 04/08/2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. M. DHIVYA DHARSHINI, Reg. No. 821120106009, BE (Electronics and Communication Engineering) in KINGS COLLEGE OF ENGINEERING has done her internship training from 03/07/2023 to 03/08/2023 has completed successfully in our organization.

During the training period, her level of commitment, involvement and attitude were found to be good.

We wish her all the best in her future endeavors.

For Rainbow Springs Pvt. Ltd.,

[Signature]  
Jayashree Vasudevan

HR



## SAMCKO TECHNOLOGIES

15<sup>th</sup> July 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. B. DEVADHARSINI (REG. NO:821120106009) Student of B.E. "ECE" final year KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during 1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During her course period, her level of commitment, involvement and attitude were found to be exemplary.

We wish her all success in future endeavors.

With Warm Regards,  
SAMCKO Technologies

[Signature]  
12/7/2023

(N.GopalaKrishnan, B.E.)

HR-Manager



# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank Upstairs )  
South Main Street, Thanjavur -613 009. Mobile : 8870797168



ACHIEVE 100 PPM





## SAMCKO TECHNOLOGIES

15<sup>th</sup> July 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. G. DURGADEVI** (REG NO:821120106010) Student of B.E "ECE" final year **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303** has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered **ARDUINO CONTROLLER AND SENSOR TECHNOLOGY** during 1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During her course period, her level of commitment, involvement and attitude were found to be exemplary.

We wish her all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

*N. GopalaKrishnan*  
15/7/2023

(N.GopalaKrishnan, B.E)  
HR-Manager



## SAMCKO TECHNOLOGIES

15<sup>th</sup> July 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. R. K. GURU RAGAVAN** (REG NO:821120106012) Student of B.E "ECE" final year **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303** has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered **ARDUINO CONTROLLER AND SENSOR TECHNOLOGY** during 1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During his course period, his level of commitment, involvement and attitude were found to be exemplary.

We wish his all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

*N. GopalaKrishnan*  
15/7/2023

(N.GopalaKrishnan, B.E)



## SAMCKO TECHNOLOGIES

15<sup>th</sup> July 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. D. HARIHARAN** (REG NO:821120106013) Student of B.E "ECE" final year **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303** has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered **ARDUINO CONTROLLER AND SENSOR TECHNOLOGY** during 1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During his course period, his level of commitment, involvement and attitude were found to be exemplary.

We wish his all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

*N. GopalaKrishnan*  
15/7/2023

(N.GopalaKrishnan, B.E)  
HR-Manager

# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank Upstairs )  
South Main Street, Thanjavur -613 009. Mobile : 8870797168



2<sup>nd</sup> Floor, Avt complex,  
41 TVR main road,  
Subramaniamapuram,  
Mayiladuthurai,  
TamilNadu - 609001

**WeDo SOLUTIONS**

### INTERNSHIP CERTIFICATE

This is to certify that **Ms. A JAISHREE** (reg. no 821120106014) UG student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303** has successfully completed a summer internship course in **EMBEDDED SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION & SAFETY & SECURITY SYSTEMS** on 15<sup>th</sup> June 2023 to 30<sup>th</sup> June 2023

30<sup>th</sup> JUNE 2023

*B. Arun*

(B. Arun Bastarani, B.E)  
Managing Director



On the General Manager,  
BSNL Complex,  
Ram Nagar (Estr.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



சென்னை/தமிழ்நாடு  
(பெருநகரம்)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No AGM/HR&A/TNJ/27/2023

## CERTIFICATE

This is to Certify that Mr./Ms. JODHIKA G Student of KINGS  
COLLEGE OF ENGINEERING THANJAVUR, has undergone Internship  
Training at BSNL, Thanjavur from 26.06.2023 to 01.07.2023. The student  
was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 01.07.2023

AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007



## HITAKY TECH SOLUTION



### CERTIFICATE

of appreciation

is presented to:

B. Jeyan

from

ECE/ Under College of Engineering dept/college

has completed

Training

on 107

from 5/7/23 to 19/7/23

Best wishes!!

THAKUR HEAD

DATE



## SAMCKO TECHNOLOGIES

15<sup>th</sup> July 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. M. KAVINILA (REG NO:821120106017) Student of  
ILE "ECE" final year KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303  
has successfully completed certificate of Internship program course in "EMBEDDED  
SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during  
1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During her course period, her level of commitment, involvement and attitude were  
found to be exemplary.

We wish her all success in future endeavors.

With Warm Regards,  
SAMCKO Technologies

N. J. 15/7/2023

(N. Gopala Krishnan, B.E.)  
HR-Manager



# 1783-84, Kanaga Complex, 2nd Floor, (Canara bank Upstairs)  
South Main Street, Thanjavur - 613 009. Mobile : 8870797168

On the General Manager,  
BSNL Complex,  
Ram Nagar (Estr.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



சென்னை/தமிழ்நாடு  
(பெருநகரம்)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No AGM/HR&A/TNJ/25/2023

## CERTIFICATE

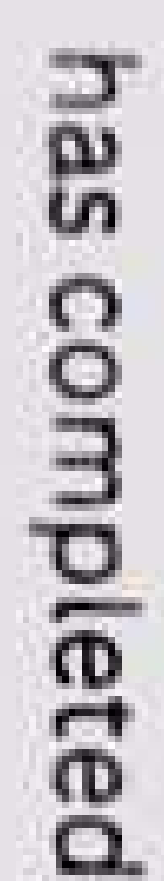
This is to Certify that Mr./Ms. KEERTIGA S Student of  
KINGS COLLEGE OF ENGINEERING THANJAVUR, has undergone  
Internship Training at BSNL, Thanjavur from 26.06.2023 to 01.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 01.07.2023

AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007







Under  
Ministry of  
Corporate Affairs  
CREDIT RATING AGENCY

# HITAKKEY TECH SOLUTION

PVT LTD

**CERTIFICATE**  
of appreciation

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

C. Kirtwick Mason

from

Ege / Kuvvet College of Engineering dept/college

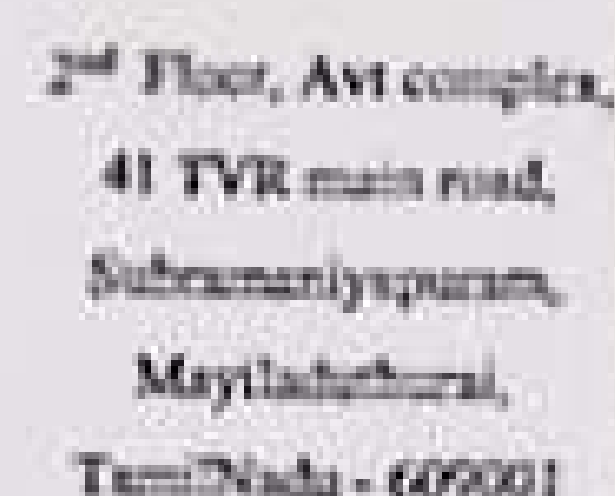
has completed Timeslip on 10/7

from 5/7/22 to 19/7/22

## Best with you

THE UNIVERSITY OF CHICAGO

1000



**WeDo SOLUTIONS**

## INTERNSHIP CERTIFICATE

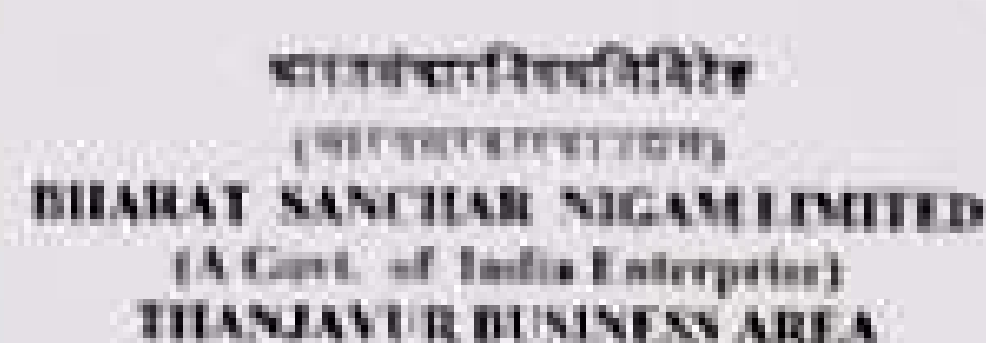
This is to certify that Mr. **M LOGESHWARAN** (reg. no **821120106020**) UG student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303** has successfully completed a summer internship course in **EMBEDDED SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION & SAFETY & SECURITY SYSTEMS** on **16<sup>th</sup> July 2023 to 31<sup>st</sup> July 2023**

11<sup>th</sup> JULY 2018

Bong

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**Managing Director**



O/o the General Manager,  
ISNI, Complex,  
Ram Nagar (Extn. 1),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.

No. AGM(HR&amp;A)/TNJ/24/2023

# CERTIFICATE

This is to Certify that Mr./Ms. MUBOLAKSHEMI R Student of

*KINGS COLLEGE OF ENGINEERING TIRUNAVUR has undergone*

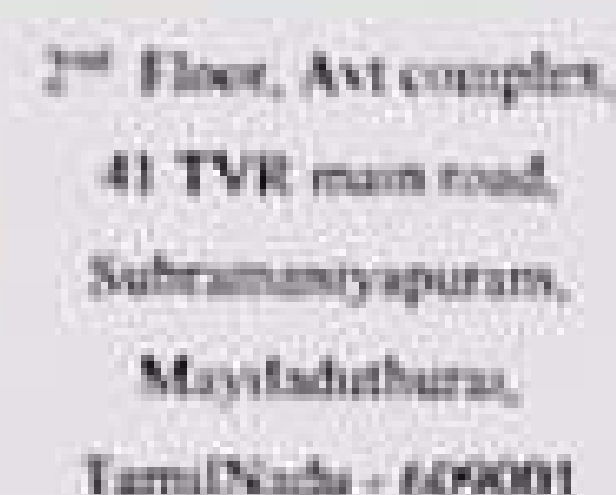
*Internship Training at BSNL, Thanjavur from 26.06.2023 to 01.07.2023.*

The student was given the over view of Fundamentals of Telecom, Digital

*Communication, Optical Fibre concepts and Broadband Technology.*

Place: Thangavoor  
Date: 01.07.2019

AGM (for action)  
O/GM BENE  
Thompson-613 007



**WeDo SOLUTIONS**

## INTERNSHIP CERTIFICATE

This is to certify that Ms. **R MANIYARASI** (reg. no **821120106022**) UG student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303** has successfully completed a summer internship course in **EMBEDDED SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION & SAFETY & SECURITY SYSTEMS** on **1<sup>st</sup> July 2023 to 15<sup>th</sup> July 2023**

15<sup>th</sup> JULY 2020

60

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### Marketing Director





2<sup>nd</sup> Floor, Art complex,  
41 TVR main road,  
Subramaniyapuram,  
Mayiladuthurai,  
TamilNadu - 609001

**WeDo SOLUTIONS**

### INTERNSHIP CERTIFICATE

This is to certify that Ms. R NANDHINI (reg. no 821120106025) UG student of KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed a summer internship course in EMBEDDED SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION & SAFETY & SECURITY SYSTEMS on 16<sup>th</sup> July 2023 to 31<sup>st</sup> July 2023

31<sup>st</sup> JULY 2023

  
(B. Arun Baskaran, B.E.)  
Managing Director



**SAMCKO  
TECHNOLOGIES**

15<sup>th</sup> July 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. K. S. NATIKA (REG NO:821120106026) Student of BE "ECE" final year KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during 1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During her course period, her level of commitment, involvement and attitude were found to be exemplary.

We wish her all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

  
(N.GopalaKrishnan, B.E.)  
HR-Manager

# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank. Upstairs )



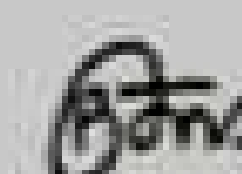
2<sup>nd</sup> Floor, Art complex,  
41 TVR main road,  
Subramaniyapuram,  
Mayiladuthurai,  
TamilNadu - 609001

**WeDo SOLUTIONS**

### INTERNSHIP CERTIFICATE

This is to certify that Mr. G NAVIN (reg. no 821120106027) UG student of KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed a summer internship course in EMBEDDED SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION & SAFETY & SECURITY SYSTEMS on 1<sup>st</sup> July 2023 to 30<sup>th</sup> July 2023

30<sup>th</sup> JULY 2023

  
(B. Arun Baskaran, B.E.)  
Managing Director



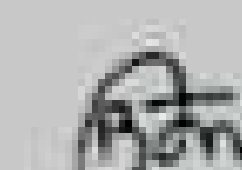
2<sup>nd</sup> Floor, Art complex,  
41 TVR main road,  
Subramaniyapuram,  
Mayiladuthurai,  
TamilNadu - 609001

**WeDo SOLUTIONS**

### INTERNSHIP CERTIFICATE

This is to certify that Ms. P NIVYA (reg. no 821120106028) UG student of KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed a summer internship course in EMBEDDED SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION & SAFETY & SECURITY SYSTEMS on 16<sup>th</sup> July 2023 to 31<sup>st</sup> July 2023

31<sup>st</sup> JULY 2023

  
(B. Arun Baskaran, B.E.)  
Managing Director





**RAINBOW SPRINGS PVT. LTD.**  
 உயிர்வாழ்வுத் திட்டம்  
 (solution to your spring needs)

No. 5, Kumbakonam Road, Sivasamudram, Tamil Nadu  
 Pincode: 605003 (Near Durai)  
 E-Mail: [rainbowspringpvt@gmail.com](mailto:rainbowspringpvt@gmail.com)  
 Website: [www.rainbowspringpvt.com](http://www.rainbowspringpvt.com)  
 Tel: 944 4323301/435513016  
 GSTIN NO: 33ABRL1922B1129  
 PFN NO: 19K0174006  
 CIN NO: U29997TN2004PTC02919

Date: 04/08/2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. S. PREETHI, Reg. No. 821120106029, B.E. (Electronics and Communication Engineering) in KINGS COLLEGE OF ENGINEERING has done her internship training from 03/07/2023 to 03/08/2023 has completed successfully in our organization.

During the training period, her level of commitment, involvement and attitude were found to be good.

We wish her all the best in her future endeavors.

For Rainbow Springs Pvt. Ltd.,

*Jayashree vasudevan*  
 Jayashree vasudevan  
 HR



2<sup>nd</sup> Floor, Axt complex,  
 41 TVR main road,  
 Subramaniyapuram,  
 Mayiladuthurai,  
 TamilNadu - 609001

**WeDo SOLUTIONS**

**INTERNSHIP CERTIFICATE**

This is to certify that Ms. J. PRIYADHARSHINI (reg. no. 821120106030) UG student of KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed a summer internship course in EMBEDDED SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION & SAFETY & SECURITY SYSTEMS on 16<sup>th</sup> July 2023 to 31<sup>st</sup> July 2023.

31<sup>st</sup> JULY 2023

*B. Arun-Barkaran*

(B. Arun-Barkaran, B.E.)  
 Managing Director

Off the General Manager,  
 BSNL Complex,  
 Ram Nagar (E. side),  
 Balaji Nagar,  
 Medical College Road,  
 Thanjavur - 613 007.



சென்னை-தொழில்நுட்பம்  
 (தொழில்நுட்பம்)  
 BHARAT SANCHAR NIGAM LIMITED  
 (A Govt. of India Enterprise)  
 THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/37/2023

**CERTIFICATE**

This is to Certify that Mr./Ms. PRITHVIA R. Student of KINGS COLLEGE OF ENGINEERING, THANJAVUR has undergone Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023. The student was given the over view of Fundamentals of Telecom, Digital Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
 Date: 07.07.2023

*AGM (HR & Admin.)*  
 AGM (HR & Admin.)  
 Q/o GM, BSNL  
 Thanjavur-613 007



Off the General Manager,  
 BSNL Complex,  
 Ram Nagar (E. side),  
 Balaji Nagar,  
 Medical College Road,  
 Thanjavur - 613 007.



சென்னை-தொழில்நுட்பம்  
 (தொழில்நுட்பம்)  
 BHARAT SANCHAR NIGAM LIMITED  
 (A Govt. of India Enterprise)  
 THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/8/2023

**CERTIFICATE**

This is to Certify that Mr./Ms. RANJITH M Student of KINGS COLLEGE OF ENGINEERING, THANJAVUR has undergone Internship Training at BSNL, Thanjavur from 26.06.2023 to 01.07.2023. The student was given the over view of Fundamentals of Telecom, Digital Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
 Date: 01.07.2023

*AGM (HR & Admin.)*  
 AGM (HR & Admin.)  
 Q/o GM, BSNL  
 Thanjavur-613 007





John  
10/24/92 (John)  
C/O 10/24/92  
Thompson 4-1-92



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



பிஹாரி சாங்கர் நிகம் லிமிடெட்  
(பொதுமையுடைய நிகம்)  
BIHARI SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No AGM(HR&A)/TNJ/9/2023

### CERTIFICATE

This is to Certify that Mr./Ms. **SIVASETHUMADHIVAN D**  
Student of **KINGS COLLEGE OF ENGINEERING THANJAVUR** has  
undergone Internship Training at BSNL, Thanjavur from 26.06.2023 to  
01.07.2023. The student was given the over view of Fundamentals of  
Telecom, Digital Communication, Optical Fibre concepts and Broadband  
Technology.

Place Thanjavur  
Date: 01.07.2023

AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



பிஹாரி சாங்கர் நிகம் லிமிடெட்  
(பொதுமையுடைய நிகம்)  
BIHARI SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No AGM(HR&A)/TNJ/23/2023

### CERTIFICATE

This is to Certify that Mr./Ms. **SURUDU S** Student of  
**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone  
Internship Training at BSNL, Thanjavur from 26.06.2023 to 01.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 01.07.2023

AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007



**SAMCKO  
TECHNOLOGIES**

15<sup>th</sup> July 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. G. SOLAIMANI (REG NO:821120106039) Student of  
BE "ECE" final year **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303**  
has successfully completed certificate of Internship program course in "EMBEDDED  
SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during  
1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During his course period, his level of commitment, involvement and attitude were  
found to be exemplary.

We wish his all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

15/7/2023

(N.GopalaKrishnan. B.E)  
HR-Manager

# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank Upstairs )  
South Main Street, Thanjavur -613 009. Mobile : 8870797168



**SAMCKO  
TECHNOLOGIES**

15<sup>th</sup> July 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. M. SWATHI SHUKI (REG NO:821120106041) Student of  
BE "ECE" final year **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303**  
has successfully completed certificate of Internship program course in "EMBEDDED  
SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during  
1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During her course period, her level of commitment, involvement and attitude were  
found to be exemplary.

We wish her all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

15/7/2023

(N.GopalaKrishnan. B.E)  
HR-Manager

# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank Upstairs )  
South Main Street, Thanjavur -613 009. Mobile : 8870797168



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(एनएसईएल)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/36/2023

### CERTIFICATE

*This is to Certify that Mr./Ms. DHRISHOMALINI T Student  
of KINGS COLLEGE OF ENGINEERING THANJAVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.*

Place Thanjavur  
Date: 07.07.2023

AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(एनएसईएल)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/38/2023

### CERTIFICATE

*This is to Certify that Mr./Ms. TAMILAZHAGNI M Student of  
KINGS COLLEGE OF ENGINEERING THANJAVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.*

Place Thanjavur  
Date: 07.07.2023

AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(एनएसईएल)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/39/2023

### CERTIFICATE

*This is to Certify that Mr./Ms. DHENMOZHI J Student of  
KINGS COLLEGE OF ENGINEERING THANJAVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.*

Place Thanjavur  
Date: 07.07.2023

AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(एनएसईएल)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/40/2023

### CERTIFICATE

*This is to Certify that Mr./Ms. DHIVYALAKSHMI T Student  
of KINGS COLLEGE OF ENGINEERING THANJAVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.*

Place Thanjavur  
Date: 07.07.2023

AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007







# SAMCKO TECHNOLOGIES

15<sup>th</sup> July 2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. M. VENKATESH (REG NO: S21120106046) Student of RE "ECE" final year KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during 1<sup>st</sup> July 2023 to 14<sup>th</sup> July 2023.

During his course period, his level of commitment, involvement and attitude were found to be exemplary.

We wish him all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

*N. G. H.*  
15/7/2023

(N. GopalaKrishnan, B.E)

HR-Manager

#1783-84, Kanaga Complex, 2nd Floor, (Canara bank Upstairs)  
South Main Street, Thanjavur -613 009. Mobile : 8970797163



2<sup>nd</sup> Floor, Avt complex,  
41 TVR main road,  
Subramanyapuram,  
Mayiladuthurai,  
Tamil Nadu - 609001

**WeDo SOLUTIONS**

## INTERNSHIP CERTIFICATE

This is to certify that Ms. D VENNILA (reg. no  
821120106047) UG student of KINGS COLLEGE OF  
ENGINEERING, PUNALKULAM-613303 has successfully  
completed a summer internship course in EMBEDDED  
SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION &  
SAFETY & SECURITY SYSTEMS on 16<sup>th</sup> July 2023 to 31<sup>st</sup>  
July 2023

13<sup>th</sup> JULY 2023

*B. Arun*

(B. Arun Bakaran, B.E)

Managing Director



2<sup>nd</sup> Floor, Avt complex,  
41 TVR main road,  
Subramanyapuram,  
Mayiladuthurai,  
Tamil Nadu - 609001

**WeDo SOLUTIONS**

## INTERNSHIP CERTIFICATE

This is to certify that Ms. A VIGNESHWARI (reg. no  
821120106048) UG student of KINGS COLLEGE OF  
ENGINEERING, PUNALKULAM-613303 has successfully  
completed a summer internship course in EMBEDDED  
SYSTEMS, VLSI, HOME & INDUSTRIAL AUTOMATION &  
SAFETY & SECURITY SYSTEMS on 16<sup>th</sup> July 2023 to 31<sup>st</sup>  
July 2023

13<sup>th</sup> JULY 2023

*B. Arun*

(B. Arun Bakaran, B.E)

Managing Director

**HITAKY TECH SOLUTION**



**PVT LTD**

## CERTIFICATE

of appreciation

is presented to :

P. JANDREHANAN from

ECE / KINGS COLLEGE OF ENGINEERING dept/college

has completed Internship on 10/7

from 5/7/23 to 19/7/23

Best wishes!

*P. J. J.*

TRAINER HEAD

DIRECTOR





# HITAKEY TECH SOLUTION

## PVT LTD



## CERTIFICATE of appreciation

is presented to :

S. MADHAN from

ECCEl KINGS COLLEGE OF ENGINEERING dept/college



has completed INTERNSHIP on 107

from 5/7/23 to 19/7/23

Best wishes!!

[Signature]

TRAINER HEAD

[Signature]

DIRECTOR



## CLASS

## :III ECE

| S.No | Reg.Number   | Student Name/Year | Company Name                                | Title                                                                                                | Date /Duration     |
|------|--------------|-------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------|
| 1.   | 821121106001 | ABINASH A         | Global Techno solution, Chennai,            | Machine Learning                                                                                     | 03.07.23-08.07.23  |
| 2.   | 821121106002 | ABINITHA M        | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 3.   | 821121106005 | ARIVAZHAGAN G     | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 4.   | 821121106006 | ARUN S            | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 5.   | 821121106007 | ASHWINI R         | ARMADA INDUSTRIAL AUTOMATION,<br>Thanjavur. | Electronic Vehicle Technology                                                                        | 17.07.23-09.08.23  |
| 6.   | 821121106009 | DHARSHINI K       | O/o GM,BSNL, TRICHY.                        | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 7.   | 821121106010 | DINESH KUMAR K    | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 8.   | 821121106011 | ENIYARASI P       | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 9.   | 821121106012 | GAYATHRI S        | ARMADA INDUSTRIAL AUTOMATION,<br>Thanjavur  | Electronic Vehicle Technology                                                                        | 17.07.23-09.08.23  |
| 10.  | 821121106013 | GOWSIKA M         | O/o GM,BSNL, TRICHY.                        | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 11.  | 821121106014 | HARIHARAN A       | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 17.07.23-21.07.23. |
| 12.  | 821121106015 | HARINILAKSHMI V   | O/o GM,BSNL, TRICHY.                        | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23. |
| 13.  | 821121106016 | JANARTHANAN V     | Global Techno Solutions, Chennai            | Machine Learning                                                                                     | 03.07.23-08.07.23  |
| 14.  | 821121106017 | JAYA PRASAD P     | Gloriosa infotel, Chennai                   | Network Monitoring                                                                                   | 01.07.23-31.07.23  |
| 15.  | 821121106018 | KALAISELVI S      | ARMADA INDUSTRIAL AUTOMATION,<br>Thanjavur  | Electronic Vehicle Technology                                                                        | 17.07.23-09.08.23  |
| 16.  | 821121106019 | KAUSHIKA CHAND S  | ARMADA INDUSTRIAL AUTOMATION,<br>Thanjavur  | Electronic Vehicle Technology                                                                        | 17.07.23-09.08.23  |
| 17.  | 821121106020 | KEERTHIKA P       | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 17.07.23-21.07.23. |
| 18.  | 821121106021 | KEYAN JOANS J     | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 19.  | 821121106022 | KRISHNAMOORTHY V  | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 20.  | 821121106023 | MAADHESWARAN K    | FANTASY SOLUTION,TRICHY                     | Internet of Things                                                                                   | 17.07.23-21.07.23  |
| 21.  | 821121106024 | MADHUMITHA S      | ARMADA INDUSTRIAL AUTOMATION,<br>Thanjavur. | Electronic Vehicle Technology                                                                        | 17.07.23-09.08.23  |
| 22.  | 821121106025 | MAHESWARAN D      | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 23.  | 821121106026 | MANIKANDAN S      | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 17.07.23-21.07.23  |
| 24.  | 821121106027 | MANOJ L           | FANTASY SOLUTION,TRICHY                     | Internet of Things                                                                                   | 17.07.23-21.07.23  |
| 25.  | 821121106029 | MOHAMED RIZWAN S  | FANTASY SOLUTION,TRICHY                     | Internet of Things                                                                                   | 17.07.23-21.07.23  |
| 26.  | 821121106030 | MOHAMED YASEEN M  | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 27.  | 821121106031 | MOSIKKEERAN P     | O/o GM,BSNL, Thanjavur.                     | Fundamentals of Telecom,<br>DigitalCommunication,Optical Fiber<br>Concepts and Broadband Technology. | 03.07.23-07.07.23  |

Interntship CO ORDINATOR  
(Mr.R. Balakrishnan, AP/ECE)

HOD/ E.C.E.

PRINCIPAL

ELECTRONICS AND COMMUNICATION ENGINEERING  
KING COLLEGE OF ENGINEERING

Kings College of Engineering,  
PUNAI KULAM - 617 302



|     |              |                     |                                         |                                                                                                 |                    |
|-----|--------------|---------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------|--------------------|
| 28. | 821121106032 | MUKIL.VANNAN M      | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom, DigitalCommunication, Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 29. | 821121106034 | NITHISH DEVI K      | O/o GM,BSNL, TRICHY.                    | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology.  | 03.07.23-07.07.23  |
| 30. | 821121106035 | OVIYA R             | ARMADA INDUSTRIAL AUTOMATION, Thanjavur | Electronic Vehicle Technology                                                                   | 17.07.23-09.08.23  |
| 31. | 821121106036 | PANDI MEENA K       | O/o GM,BSNL, TRICHY.                    | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology.  | 26.07.23-01.07.23  |
| 32. | 821121106038 | PRAKASH ANTONY K    | Weal Tech Park,Madurai                  | Python, Machine Learning.                                                                       | 17.07.23-22.07.23  |
| 33. | 821121106039 | PRAVEEN KUMAR R     | Global Techno solution, Chennai.        | Machine Learning                                                                                | 03.07.23-08.07.23  |
| 34. | 821121106040 | PRITHISH M          | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom, DigitalCommunication, Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 35. | 821121106041 | PUNNIYA MOORTHY C M | Global Techno solution, Chennai         | Machine Learning                                                                                | 03.07.23-08.07.23  |
| 36. | 821121106042 | RAJESHWARI T        | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom, DigitalCommunication, Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 37. | 821121106043 | RAJKUMAR D          | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom, DigitalCommunication, Optical Fiber Concepts and Broadband Technology. | 17.07.23-21.07.23  |
| 38. | 821121106044 | RANI CHANDRA V      | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom, DigitalCommunication, Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 39. | 821121106046 | RENUGA DEVI S       | O/o GM,BSNL, TRICHY.                    | Fundamentals of Telecom, DigitalCommunication,Optical Fiber Concepts and Broadband Technology.  | 03.07.23-07.07.23  |
| 40. | 821121106047 | SABETHA M           | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom, DigitalCommunication, Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 41. | 821121106048 | SAJJEEVAN M         | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom, DigitalCommunication, Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23  |
| 42. | 821121106049 | SANJAY V            | Global Techno solution, Chennai         | Machine Learning.                                                                               | 03.07.23-08.07.23  |
| 43. | 821121106050 | SARAVANAN S         | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology    | 03.07.23-07.07.23  |
| 44. | 821121106051 | SERAN B             | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology    | 03.07.23-07.07.23  |
| 45. | 821121106052 | SNEHARAJ            | O/o GM,BSNL, TRICHY.                    | Fundamentals of Telecom,DigitalCommunication, Optical Fiber Concepts and Broadband Technology.  | 03.07.23-07.07.23  |
| 46. | 821121106053 | SOMASUNDARAM S      | O/o GM,BSNL, TRICHY.                    | Fundamentals of Telecom,DigitalCommunication, Optical Fiber Concepts and Broadband Technology.  | 26.06.23-01.07.23  |
| 47. | 821121106054 | SOMESHWARAN T       | FANTASY SOLUTION, Trichy                | Internet of Things                                                                              | 17.07.23- 21.07.23 |
| 48. | 821121106055 | SUDHARSAN P         | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology.   | 03.07.23-07.07.23  |
| 49. | 821121106056 | SUJITHRA T          | O/o GM,BSNL, TRICHY.                    | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology.   | 26.06.23-01.07.23  |
| 50. | 821121106057 | SURIYA PRAKASH M    | FANTASY SOLUTION, Trichy                | Internet of Things                                                                              | 17.07.23-21.07.23  |
| 51. | 821121106058 | SWATHI V            | O/o GM,BSNL, Thanjavur.                 | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology    | 03.07.23-07.07.23  |
| 52. | 821121106059 | THIRUNITHI K        | O/o GM,BSNL, TRICHY.                    | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology.   | 03.07.23-07.07.23  |
| 53. | 821121106060 | VADIVU G            | O/o GM,BSNL, TRICHY.                    | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology.   | 26.06.23-01.07.23  |

Internship CO ORDINATOR  
Mr.R. Balakrishnan, AP/ECE)

HOD/ ECE

ELECTRONICS AND COMMUNICATION ENGINEERING  
KINGS COLLEGE OF ENGINEERING

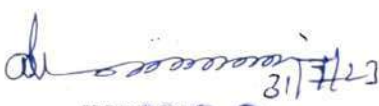
PRINCIPAL

Kings College of Engineering  
PUNALKULAM - 613 303



|     |              |                      |                          |                                                                                               |                   |
|-----|--------------|----------------------|--------------------------|-----------------------------------------------------------------------------------------------|-------------------|
| 54. | 821121106061 | VASIKARAN C          | O/o GM,BSNL, Thanjavur.  | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 03.07.23-07.07.23 |
| 55. | 821121106062 | VASU DEVA KRISHNAN S | O/o GM,BSNL, TRICHY.     | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology. | 26.06.23-01.07.23 |
| 56. | 821121106063 | VIJAYADHARSHINI J    | O/o GM,BSNL, Thanjavur.  | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology  | 03.07.23-07.07.23 |
| 57. | 821121106064 | YAMUNA D             | O/o GM,BSNL, Thanjavur.  | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology  | 03.07.23-07.07.23 |
| 58. | 821121106065 | YUVARAJ R            | O/o GM,BSNL, Thanjavur.  | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology  | 17.07.23-21.07.23 |
| 59. | 821121106301 | RAAKESH .T           | FANTASY SOLUTION,Trichy  | Internet of Things                                                                            | 17.07.23-21.07.23 |
| 60. | 821121106302 | RAJKUMAR.K           | O/o GM,BSNL, TRICHY.     | Fundamentals of Telecom,DigitalCommunication,Optical Fiber Concepts and Broadband Technology  | 30.06.23-01.07.23 |
| 61. | 821121106701 | ANITH APEL J         | FANTASY SOLUTION, Trichy | Internet of Things.                                                                           | 17.07.23-21.07.23 |
| 62. | 821121106702 | SARABESH KUMAR.S     | FANTASY SOLUTION, Trichy | Internet of Things.                                                                           | 17.07.23-21.07.23 |

  
**Internship CO ORDINATOR**  
 (Mr.R. Balakrishnan, AP/ECE)

  
**HOD/ECE .O.**  
 ELECTRONICS AND COMMUNICATION ENGINEERING  
**KINGS COLLEGE OF ENGINEERING**  
 PUNALKULAM - 613 303.  
 GANDARVAMOTTAI TALUK, PUDUKOTTAI DISTRICT

  
**PRINCIPAL**  
**Kings College of Engineering,**  
 PUNALKULAM - 613 303



# CERTIFICATE OF PARTICIPATION

This certificate is presented to

Mr./Ms. ABINASH.A

of III year ECE student of KINGS COLLEGE OF ENGINEERING  
participated his/her Internship Training on MACHINE LEARNING from  
03/07/23 to 08/07/23 at Global Techno Solutions.



H.R. Manager

O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(सरकारी उद्योग)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/44/2023

## CERTIFICATE

This is to Certify that Mr./Ms. ABINASH.A M Student of  
KINGS COLLEGE OF ENGINEERING THANJAVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(सरकारी उद्योग)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/55/2023

## CERTIFICATE

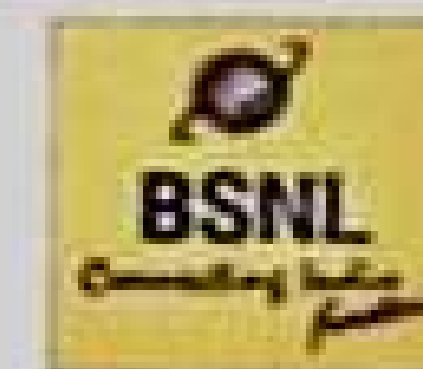
This is to Certify that Mr./Ms. ARJUN AZHAGAN G Student of  
KINGS COLLEGE OF ENGINEERING THANJAVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(सरकारी उद्योग)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/65/2023

## CERTIFICATE

This is to Certify that Mr./Ms. ARUN S Student of KINGS  
COLLEGE OF ENGINEERING THANJAVUR has undergone Internship  
Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023. The student  
was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007





## CERTIFICATE

This to certify that

**ASHWINI. R**

Student from

Dept of ECE

**Kings College of Engineering  
Pudukkottai.**

Has successfully completed

**INTERNSHIP TRAINING**

From 17th July - 09th Aug 2023

In "ELECTRIC VEHICLE TECHNOLOGY"



*[Signature]*  
Director

भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)

**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
**TRICHY TELECOM DISTRICT**

## BSN Learning Certificate

is to Certify Shri / Kum **DHARSHINI K**

student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM, PUDUKOTTAI**

**BE / ECE - II YEAR**

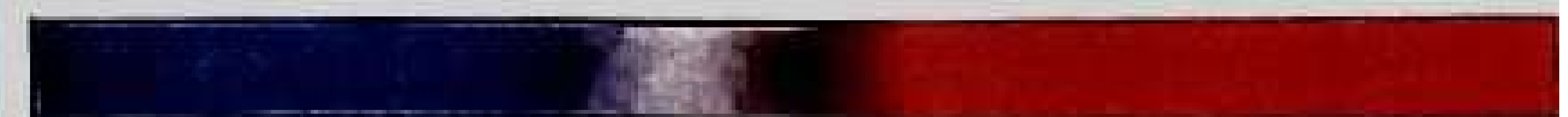
undergone Internship Training on Telecom Technologies in our  
organization for **5 Days** from **03-07-2023** to **07-07-2023** and  
completed the training successfully.

Place : Trichy

Date : 07-07-2023

E-94026/IPT/2022-23/542

*[Signature]*  
Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balsaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारतसंचारनिगमलिमिटेड  
(भारतसर्वकारकाउद्यम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/59/2023

### CERTIFICATE

This is to Certify that Mr./Ms. **DINESH KUMAR K** Student of

**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone

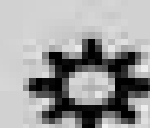
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.

The student was given the over view of Fundamentals of Telecom, Digital

Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

*[Signature]*  
AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balsaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारतसंचारनिगमलिमिटेड  
(भारतसर्वकारकाउद्यम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/48/2023

### CERTIFICATE

This is to Certify that Mr./Ms. **ENTYARASI P** Student of

**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone

Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.

The student was given the over view of Fundamentals of Telecom, Digital

Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

*[Signature]*  
AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007








REG NO : 2009/33/021/00452

# CERTIFICATE

This to certify that

**GAYATHRI. S**

Student from

Dept of ECE

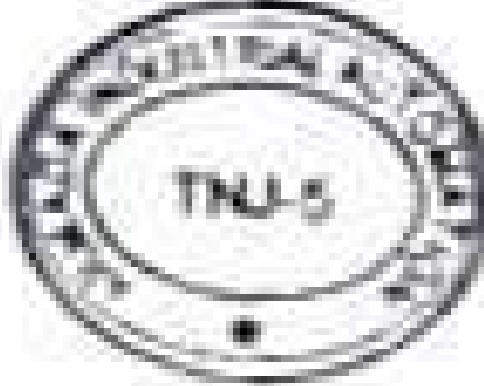
**Kings College of Engineering**  
Pudukkottai.

Has successfully completed

**INTERNSHIP TRAINING**

From 17th July - 09th Aug 2023

In "ELECTRIC VEHICLE TECHNOLOGY"



  
Director

O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



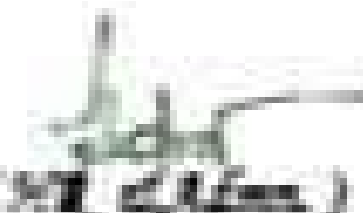
भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No AGM(HR&A)/TNJ/54/2023

## CERTIFICATE

This is to Certify that Mr./Ms. **HARIHARAN A** Student of  
**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone  
 Internship Training at BSNL, Thanjavur from 17.07.2023 to 21.07.2023.  
 The student was given the overview of Fundamentals of Telecom, Digital  
 Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
 Date: 21.07.2023

  
 AGM (HR & A)  
 O/o G.M. BSNL  
 Thanjavur-613 007




  
Connecting India

भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)  
**BHARAT SANCHAR NIGAM LIMITED**  
 (A Govt. of India Enterprise)  
 TRICHY TELECOM DISTRICT

# BSN Learning Certificate

This is to Certify Shri / Kani **GOWSIKA M**  
 a student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM, PUDUKOTTAI**  
**BE / ECE - II YEAR**

as undergone Internship Training on Telecom Technologies in our  
 organization for **5 Days** from **03-07-2023** to **07-07-2023** and  
 completed the training successfully.

Place: Trichy  
 Date: 07-07-2023  
 E-94026/1PT/2022-23/536

  
 Assistant General Manager  
 (Administration - HR)  
 Office of PGM, BSNL, Trichy


  
Connecting India

भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)  
**BHARAT SANCHAR NIGAM LIMITED**  
 (A Govt. of India Enterprise)  
 TRICHY TELECOM DISTRICT

# BSN Learning Certificate

This is to Certify Shri / Kani **HARINILAKSHMI V**  
 a student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM, PUDUKOTTAI**  
**BE / ECE - II YEAR**

has undergone Internship Training on Telecom Technologies in our  
 organization for **5 Days** from **03-07-2023** to **07-07-2023** and  
 completed the training successfully.

Place: Trichy  
 Date: 07-07-2023  
 E-94026/1PT/2022-23/540

  
 Assistant General Manager  
 (Administration - HR)  
 Office of PGM, BSNL, Trichy



# CERTIFICATE OF PARTICIPATION

*Mr/Ms.* **JANARTHANAN.V**  
of **III** year **ECE** student of **KINGS COLLEGE OF ENGINEERING**  
participated his/her **Internship Training on MACHINE LEARNING** from  
**03/07/23** to **08/07/23** at **Global Techno Solutions.**



*P. Jayaprada*  
H.R. Manager

## CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly  
awarded to

*P. Jayaprada*

*P. Jayaprada*  
CEO

*P. Jayaprada*  
Technical Manager

*P. Jayaprada*  
Program Coordinator

## CERTIFICATE

This to certify that

**KALAISELVI. S**

Student from

Dept of ECE

**Kings College of Engineering  
Pudukkottai.**

Has successfully completed

**INTERNSHIP TRAINING**

**From 17th July - 09th Aug 2023**

**In "ELECTRIC VEHICLE TECHNOLOGY"**



*John H*  
Director

## CERTIFICATE

This to certify that

**KAUSHIKA CHAND. S**

Student from

Dept of ECE

**Kings College of Engineering  
Pudukkottai.**

Has successfully completed

**INTERNSHIP TRAINING**

**From 17th July - 09th Aug 2023**

**In "ELECTRIC VEHICLE TECHNOLOGY"**



*John H*  
Director



On the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
(एनटीईएस)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/43/2023

### CERTIFICATE

This is to Certify that Mr./Ms. KEERDHKA P Student of  
KINGS COLLEGE OF ENGINEERING THANJAVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & Admin)  
O/o GM, BSNL  
Thanjavur-613 007



On the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
(एनटीईएस)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/63/2023

### CERTIFICATE

This is to Certify that Mr./Ms. KEVON JOANS J Student of  
KINGS COLLEGE OF ENGINEERING THANJAVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & Admin)  
O/o GM, BSNL  
Thanjavur-613 007



On the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
(एनटीईएस)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/52/2023

### CERTIFICATE

This is to Certify that Mr./Ms. KRISHNAMOORTHY V  
Student of KINGS COLLEGE OF ENGINEERING THANJAVUR has  
undergone Internship Training at BSNL, Thanjavur from 03.07.2023 to  
07.07.2023. The student was given the over view of Fundamentals of  
Telecom, Digital Communication, Optical Fibre concepts and Broadband  
Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & Admin)  
O/o GM, BSNL  
Thanjavur-613 007



FANTASY SOLUTION

Find Us Passion

SOFTWARE DEVELOPMENT AND TRAINING

### Certificate of Accomplishment

This is certify that Mr./Miss. MAADHESHWARAN.k (821121106023)  
Student of KINGS COLLEGE OF ENGINEERING,  
THANJAVUR

underwent Inplant Training / Internship / Course on INTERNET OF THINGS  
concern from 13.07.2023 to 21.07.2023 issued on 21.07.2023

Technical Incharge

Manager



N. Kiran  
CEO



# CERTIFICATE

This to certify that  
**MADHUMITHA. S**

Student from  
Dept of ECE

**Kings College of Engineering  
Pudukkottai.**

Has successfully completed  
**INTERNSHIP TRAINING**

From 17th July - 09th Aug 2023

In "ELECTRIC VEHICLE TECHNOLOGY"



*[Signature]*  
Director

23

# CERTIFICATE

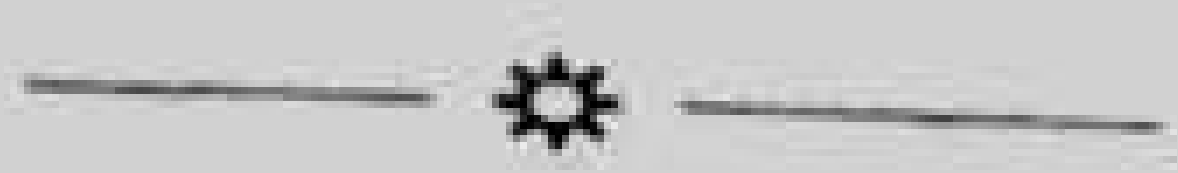
This is to Certify that Mr./Ms. **MANTKANDAN S** Student of  
**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone

Internship Training at BSNL, Thanjavur from 17.07.2023 to 21.07.2023.

The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 21.07.2023

*[Signature]*  
AGM (HR & Admin.)  
O/o GM BSNL  
Thanjavur-613 007



# CERTIFICATE

This is to Certify that Mr./Ms. **MAJESWARAN D** Student of

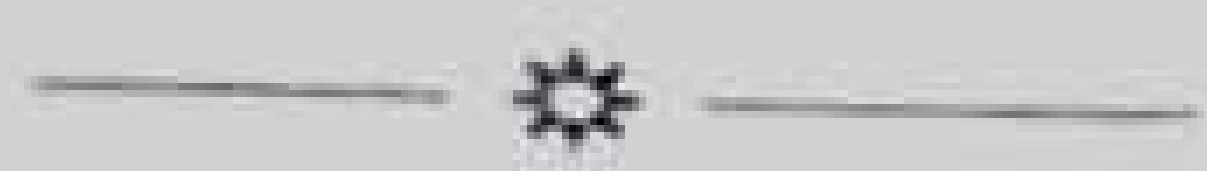
**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone

Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.

The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 07.07.2023

*[Signature]*  
AGM (HR & Admin.)  
O/o GM BSNL  
Thanjavur-613 007







**FANTASY SOLUTION**

*Find Us Passion*

SOFTWARE DEVELOPMENT AND TRAINING

## Certificate of Accomplishment

This is certify that Mr/Miss **MOHAMED RIZWAN.S (921121106028)**

Student of **KINGS COLLEGE OF ENGINEERING,**  
**THANJAVUR.**

underwent Inplant Training / Internship / Course on **INTERNET OF THINGS**  
concern from **17.07.2023** to **21.07.2023** issued on **21.07.2023**

Technical Incharge

Manager

CEO



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(GOVERNMENT OF INDIA)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

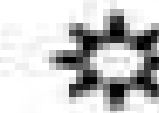
No. AGM(HR&A)/TNJ/57/2023

## CERTIFICATE

This is to Certify that Mr./Ms. **MOHAMED YASEEN M**  
Student of **KINGS COLLEGE OF ENGINEERING THANJAVUR** has  
undergone Internship Training at BSNL, Thanjavur from **03.07.2023** to  
**07.07.2023**. The student was given the over view of Fundamentals of  
Telecom, Digital Communication, Optical Fibre concepts and Broadband  
Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(GOVERNMENT OF INDIA)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

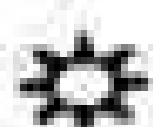
No. AGM(HR&A)/TNJ/66/2023

## CERTIFICATE

This is to Certify that Mr./Ms. **MOSTHOKEERAN P** Student of  
**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone  
Internship Training at BSNL, Thanjavur from **03.07.2023** to **07.07.2023**.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



बिहार संचार निगम लिमिटेड  
(GOVERNMENT OF INDIA)  
BIHAR SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/58/2023

## CERTIFICATE

This is to Certify that Mr./Ms. **MUKIL VANDAN M** Student  
of **KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone  
Internship Training at BSNL, Thanjavur from **03.07.2023** to **07.07.2023**.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007







भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
TRICHY TELECOM DISTRICT

## BSN Learning Certificate

This is to Certify Shri / Kum ..... **NITHISH DEVI K** .....  
a student of ..... **KINGS COLLEGE OF ENGINEERING, PUNALKULAM, PUDUKOTTAI** .....  
..... **BE / ECE - II YEAR** .....

has undergone Internship Training on Telecom Technologies in our  
organization for ..... **5 Days** ..... from **03-07-2023** ..... to **07-07-2023** ..... and  
completed the training successfully.

Place : Trichy  
Date : 07-07-2023  
E-94026/IPT/2022-23/537

Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy



भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
TRICHY TELECOM DISTRICT

## BSN Learning Certificate

This is to Certify Shri / Kum ..... **K.PANDIMEENA** .....  
a student of ..... **KINGS COLLEGE OF ENGINEERING, PUDUKOTTAI** .....  
..... **B.E / ECE - II** .....

has undergone Internship Training on Telecom Technologies in our  
organization for ..... **5 Days** ..... from **26-06-2023** ..... to **01-07-2023** ..... and  
completed the training successfully.

Place : Trichy  
Date : 01-07-2023  
E-94026/IPT/2022-23/843

Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy



PG 47 New Housing Unit, Thangam-5

## CERTIFICATE

This to certify that

**OVIYA. R**

Student from

Dept of ECE

**Kings College of Engineering  
Pudukkottai.**

Has successfully completed

**INTERNSHIP TRAINING**

**From 17th July - 09th Aug 2023**

**In "ELECTRIC VEHICLE TECHNOLOGY"**



**Web Tech Park**  
Step into the Changing World

☎ : 9585975978

DATE : 25.06.2023

## CERTIFICATE

This is to certify that **Prakash Antony.K** Department of ECE, Kings college of engineering, Punalkulam has successfully completed internship training in Python machine learning from 17.07.2023 to 22.07.2023.

We at Web Tech Park, Wish him good luck for his/her future assignments.

With Best Wishes,  
For Web Tech Park  
  
Signature Proprietor



On the General Manager,  
BSNL Complex,  
Rani Nagar (East),  
Balaaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



BSNL  
BROADBAND  
RURAL  
SANGHAT NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(QR&A)/TNJ/62/2023

## CERTIFICATE

This is to Certify that Mr./Ms. PRAVEEN KUMAR.R Student of  
KINGS COLLEGE OF ENGINEERING DUNAJVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the overview of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 07.07.2023

*(Signature)*  
AGM (Q&A) (Sd/-)  
O/o GM BSNL  
Thanjavur-613 007



Global Techno Solutions  
Solutions Unlimited

# CERTIFICATE OF PARTICIPATION

Mr./Ms. PRAVEEN KUMAR.R

of III year ECE student of KINGS COLLEGE OF ENGINEERING

participated his/her Internship Training on MACHINE LEARNING from  
03/07/23 to 08/07/23 at Global Techno Solutions.



*(Signature)*  
H.R. Manager

On the General Manager,  
BSNL Complex,  
Rani Nagar (East),  
Balaaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



BSNL  
BROADBAND  
RURAL  
SANGHAT NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

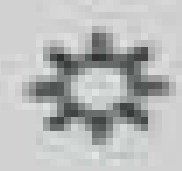
No. AGM(QR&A)/TNJ/41/2023

## CERTIFICATE

This is to Certify that Mr./Ms. RAJESHWARJ T Student of  
KINGS COLLEGE OF ENGINEERING DUNAJVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 07.07.2023

*(Signature)*  
AGM (Q&A) (Sd/-)  
O/o GM BSNL  
Thanjavur-613 007



Global Techno Solutions  
Solutions Unlimited

# CERTIFICATE OF PARTICIPATION

Mr./Ms. PUNNIYAMOORTHY. C.M

of III year ECE student of KINGS COLLEGE OF ENGINEERING

participated his/her Internship Training on MACHINE LEARNING from  
03/07/23 to 08/07/23 at Global Techno Solutions.



*(Signature)*  
H.R. Manager



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
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BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/54/2023

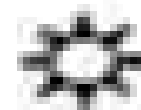
## CERTIFICATE

This is to Certify that Mr./Ms. **RAJKUMAR D** Student of  
**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone  
Internship Training at BSNL, Thanjavur from 17.07.2023 to 21.07.2023.

The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 21.07.2023

AGM (HR & Admin)  
O/o GM, BSNL  
Thanjavur 613 007



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(GOVT. OF INDIA ENTERPRISE)

**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
**TRICHY TELECOM DISTRICT**

## BSN Learning Certificate

This is to Certify that Mr / Ms **RENUGA DEVI S**  
KINGS COLLEGE OF ENGINEERING, PUNAIKULAM, PUDUKOTTAI  
student of  
BE / ECE - II YEAR

is undergone Internship Training on Telecom Technologies in our  
organization for 5 Days from 03-07-2023 to 07-07-2023 and  
completed the training successfully.

Place: Trichy

Date: 07-07-2023

E:94026/HPT/2022-23/518

Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy

O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
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BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/42/2023

## CERTIFICATE

This is to Certify that Mr./Ms. **SABITHA M** Student of **KINGS**  
**COLLEGE OF ENGINEERING THANJAVUR** has undergone Internship  
Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023. The student  
was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & Admin)  
O/o GM, BSNL  
Thanjavur 613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



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BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/54/2023

## CERTIFICATE

This is to Certify that Mr./Ms. **SAJEEVAN M** Student of  
**KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & Admin)  
O/o GM, BSNL  
Thanjavur 613 007







H.R. Manager

# CERTIFICATE OF PARTICIPATION

THE CERTIFICATE PRESENTED TO

Mr/Ms. SANTAY.V

of III year ECE student of KIN 65 COLLEGE OF ENGINEERING

participated his/her Internship Training on MACHINE LEARNING from  
03/07/23 to 08/07/23 at Global Techno Solutions.

On the General Manager,  
BSNL Complex,  
Ram Nagar (Fm),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
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BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/53/2023

## CERTIFICATE

This is to Certify that Mr./Ms. SARAVANAN S Student of  
KINGS COLLEGE OF ENGINEERING DONNAIVUR has undergone  
Internship Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007



On the General Manager,  
BSNL Complex,  
Ram Nagar (Fm),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/61/2023

## CERTIFICATE

This is to Certify that Mr./Ms. SERAN B Student of KINGS  
COLLEGE OF ENGINEERING DONNAIVUR has undergone Internship  
Training at BSNL, Thanjavur from 03.07.2023 to 07.07.2023. The student  
was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007



भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)

**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
**TRICHY TELECOM DISTRICT**

## BSN Learning Certificate

This is to Certify Shri / Kum SNEHARAJ  
a student of KINGS COLLEGE OF ENGINEERING, PUNALKULAM, PUDUKOTTAI  
BE / ECE - II YEAR  
has undergone Internship Training on Telecom Technologies in our  
organization for 5 Days from 03-07-2023 to 07-07-2023 and  
completed the training successfully.

Place: Trichy  
Date: 07-07-2023

E-94026/IPT/2022-23/539

Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy





भारत संचार निगम लिमिटेड  
(सरकारी उद्योग)

**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
TRICHY TELECOM DISTRICT

## BSNL Learning Certificate

This is to Certify Shri / Kum **S.SOMASUNDARAM**

a student of **KINGS COLLEGE OF ENGINEERING, PUDUKKOTTAI**  
**BE / ECE - II**

has undergone Internship Training on Telecom Technologies in our  
organization for **5 Days** from **26-06-2023** to **01-07-2023** and  
completed the training successfully.

Place : Trichy

Date : 01-07-2023

E-94026/HPT/2022-23/811

Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy



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SOFTWARE DEVELOPMENT AND TRAINING

## Certificate of Accomplishment

This is certify that Mr/Miss **POOJESHWARAN.T (821121106054)**

Student of **KINGS COLLEGE OF ENGINEERING,**  
**THANJAVUR.**

underwent Inplant Training / Internship / Course on **INTERNET OF THINGS**  
concern from **17-07-2023** to **21-07-2023** issued on **21-07-2023**

Technical Incharge



CEO

Manager

Office of the General Manager,  
BSNL Complex,  
Ram Nagar (Extra),  
Bajaj Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
(सरकारी उद्योग)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/56/2023

## CERTIFICATE

This is to Certify that Mr./Ms. **SUDHARSAN P** Student of  
**KINGS COLLEGE OF ENGINEERING, THANJAVUR** has undergone  
Internship Training at BSNL, Thanjavur from **03.07.2023** to **07.07.2023**.

The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
Office of PGM, BSNL  
Thanjavur 613 007



भारत संचार निगम लिमिटेड  
(सरकारी उद्योग)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
TRICHY TELECOM DISTRICT

## BSNL Learning Certificate

This is to Certify Shri / Kum **T.SUJITHRA**

a student of **KINGS COLLEGE OF ENGINEERING, PUDUKKOTTAI**  
**BE / ECE - II**

has undergone Internship Training on Telecom Technologies in our  
organization for **5 Days** from **26-06-2023** to **01-07-2023** and  
completed the training successfully.

Place : Trichy

Date : 01-07-2023

E-94026/HPT/2022-23/845

Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy





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### Certificate of Accomplishment

This is certify that Mr./Miss **SUNYA PRAKASH M (821121106057)**  
Student of **KINGS COLLEGE OF ENGINEERING,**  
**THANJAVUR.**

underwent Inplant Training / Internship / Course on **INTERNET OF THINGS**  
concern from **17.07.2023** to **21.07.2023** issued on **21.07.2023**

Technical Incharge

Manager

CEO

O/o the General Manager,  
BSNL Complex,  
Rani Nagar (East),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/47/2023

### CERTIFICATE

This is to Certify that Mr./Ms. **SWATHI V** Student of **KINGS COLLEGE OF ENGINEERING THANJAVUR** has undergone Internship Training at BSNL, Thanjavur from **03.07.2023** to **07.07.2023**. The student was given the over view of Fundamentals of Telecom, Digital Communication, Optical Fibre concepts and Broadband Technology.

Place Thanjavur  
Date: 07.07.2023

AGM (HR & A)  
O/o GM, BSNL  
Thanjavur-613 007



भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)

**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
**TRICHY TELECOM DISTRICT**

### BSN Learning Certificate

This is to Certify Shri / Kum **THIRUNITHI K**  
a student of **KINGS COLLEGE OF ENGINEERING, PUNAKULAM, PUDUKOTTAI**  
**BE / ECE - II YEAR**

has undergone Internship Training on Telecom Technologies in our organization for **5 Days** from **03-07-2023** to **07-07-2023** and completed the training successfully.

Place: Trichy

Date: 07-07-2023

E-94026/117/2022-23/541

Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy



भारत संचार निगम लिमिटेड  
(भारत सरकार का उद्यम)

**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
**TRICHY TELECOM DISTRICT**

### BSN Learning Certificate

This is to Certify Shri / Kum **G VADIVU**  
student of **KINGS COLLEGE OF ENGINEERING, PUDUKKOTTAI**  
**B.E / ECE - II**

has undergone Internship Training on Telecom Technologies in our organization for **5 Days** from **26-05-2023** to **01-07-2023** and completed the training successfully.

Place: Trichy

Date: 01-07-2023

E-94026/117/2022-23/844

Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy



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भारत संचार निगम लिमिटेड  
(भारत संचार निगम लिमिटेड)

**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
**TRICHY TELECOM DISTRICT**

## BSNL Learning Certificate

This is to Certify Shri / Kms **S.VASU DEVA KRISHNAN**  
a student of **KINGS COLLEGE OF ENGINEERING, PUDUKKOTTAI**  
**B.E / ECE - II**  
has undergone Internship Training on Telecom Technologies in our  
organization for **5 Days** from **26-06-2023** to **01-07-2023** and  
completed the training successfully.

Place : Trichy

Date : 01-07-2023

E-94026/IPT/2022-23/825

  
Assistant General Manager  
(Administration - HR)  
Office of PGM, BSNL, Trichy

O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारतसंचारनिगमलिमिटेड  
(सरकारी निगम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/46/2023

### CERTIFICATE

This is to Certify that Mr./Ms. **VIJAYADHARSHINI J** Student  
of **KINGS COLLEGE OF ENGINEERING, THANJAVUR** has undergone  
Internship Training at BSNL, Thanjavur from **03.07.2023** to **07.07.2023**.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date : 07.07.2023

  
AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



भारतसंचारनिगमलिमिटेड  
(सरकारी निगम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/45/2023

### CERTIFICATE

This is to Certify that Mr./Ms. **VAMUNA D** Student of **KINGS  
COLLEGE OF ENGINEERING, THANJAVUR** has undergone Internship  
Training at BSNL, Thanjavur from **03.07.2023** to **07.07.2023**. The student  
was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date : 07.07.2023

  
AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007



O/o the General Manager,  
BSNL Complex,  
Ram Nagar (Extn.),  
Balaji Nagar,  
Medical College Road,  
Thanjavur - 613 007.



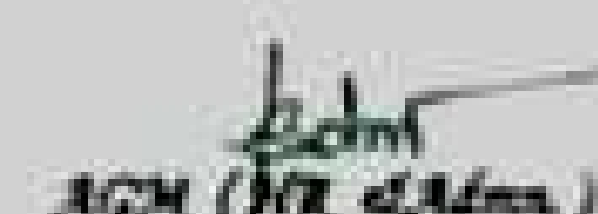
भारतसंचारनिगमलिमिटेड  
(सरकारी निगम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)  
THANJAVUR BUSINESS AREA

No. AGM(HR&A)/TNJ/54/2023

### CERTIFICATE

This is to Certify that Mr./Ms. **YUVARAJ R** Student of  
**KINGS COLLEGE OF ENGINEERING, THANJAVUR** has undergone  
Internship Training at BSNL, Thanjavur from **17.07.2023** to **21.07.2023**.  
The student was given the over view of Fundamentals of Telecom, Digital  
Communication, Optical Fibre concepts and Broadband Technology.

Place: Thanjavur  
Date : 21.07.2023

  
AGM (HR & Admin.)  
O/o GM, BSNL  
Thanjavur-613 007







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## Certificate of Accomplishment

Name of the Candidate: RAAJESH.T (2211211060301)

Student of KINGS COLLEGE OF ENGINEERING,  
THANJAVUR

underwent Internship Training / Workshop / Course on INTERNET OF THINGS

started from 17.07.2023 to 21.07.2023 ended on 21.07.2023



Technical Incharge



Manager



CEO



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भारत सरकार

BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)

TRICHY TELECOM DISTRICT

## BSN Learning Certificate

This is to Certify Shri / Kum R.RAJKUMAR

a student of KINGS COLLEGE OF ENGINEERING, PUDUKKOTTAI

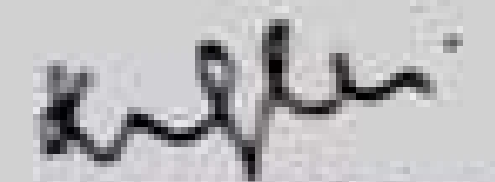
BE / ECE / II

has undergone Internship Training on Telecom Technologies in our  
organization for 5 Days from 26-06-2023 to 01-07-2023 and  
completed the training successfully.

Place : Trichy

Date : 01-07-2023

E-94025/IPT/2022-23/549



Assistant General Manager

(Administration - HR)

Office of PGM, BSNL, Trichy





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## *Certificate of Accomplishment*

This is certify that Mr./Miss.

SARABESH KUMAR. S (821121106702)

Student of KANNY COLLEGE OF ENGINEERING,  
THANJAVUR.

underwent Inplant Training / Internship / Course on INTERNET OF THINGS

concern from 17.07.2023 to 21.07.2023 issued on 21.07.2023

Technical Incharge

CEO

Manager





**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**ACADEMIC YEAR  
2022-2023**



# INDUSTRIAL VISIT



From

Mr.R. Balakrishnan, AP/ECE  
In-House Training Coordinator,  
Department of ECE,  
Kings college of Engineering,  
Punalkulam, Thanjavur.

To

The Principal,  
Kings College of Engineering,  
Punalkulam, Thanjavur.

Thro' HoD/ECE

Respected Madam,

Sub: Availing of college bus facility to Industrial visit to NIT Trichirapalli on  
12.04.2023 -reg.

With reference to the above subject, we have planned to take our II year ECE students to NIT Trichirapalli on 12.04.2023 as industrial visit. We got permission from the Centre of Excellence NIT Trichirapalli. So we request you to give the permission and provide our college transport facility to visit the NIT Trichirapalli on 12.04.2023 as industrial visit. Copy of the mail permission letter is enclosed for your reference. Kindly do the needful and oblique.

Thanking you

Your's Faithfully

  
(R.Balakrishnan) 11/4/23

Date: 01.04.2023

Place: Punalkulam

Submitted to principal Mom.

 11/4/2023

Submitted to Secretary & S  
for approval.  
S. Moni  
01/4/2023

  
05/4/23

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**ACADEMIC YEAR -2022-2023**

**VISIT NAME LIST- NIT-THIRICHIRAPALLI**

**CLASS: II ECE /IV SEMESTER**

**STRENGTH: 65 ;Date: 12.04.2023.**

| S.No. | Register No  | Student Name     | S.No. | Register No  | Student Name         |
|-------|--------------|------------------|-------|--------------|----------------------|
| 1.    | 821121106001 | ABINASH A        | 34.   | 821121106037 | PRAGADHEESHWARAN P   |
| 2.    | 821121106002 | ABINITHA M       | 35.   | 821121106038 | PRAKASH ANTONY K     |
| 3.    | 821121106005 | ARIVAZHAGAN G    | 36.   | 821121106039 | PRAVEEN KUMAR R      |
| 4.    | 821121106006 | ARUN S           | 37.   | 821121106040 | PRITHISH M           |
| 5.    | 821121106007 | ASHWINI R        | 38.   | 821121106041 | PUNNIYA MOORTHY C M  |
| 6.    | 821121106009 | DHARSHINI K      | 39.   | 821121106042 | RAJESHWARI T         |
| 7.    | 821121106010 | DINESH KUMAR K   | 40.   | 821121106043 | RAJKUMAR D           |
| 8.    | 821121106011 | ENIYARASI P      | 41.   | 821121106044 | RANI CHANDRA V       |
| 9.    | 821121106012 | GAYATHRI S       | 42.   | 821121106046 | RENUGA DEVI S        |
| 10.   | 821121106013 | GOWSIKA M        | 43.   | 821121106047 | SABETHA M            |
| 11.   | 821121106014 | HARIHARAN A      | 44.   | 821121106048 | SAJEEVAN M           |
| 12.   | 821121106015 | HARINILAKSHMI V  | 45.   | 821121106049 | SANJAY V             |
| 13.   | 821121106016 | JANARTHANAN V    | 46.   | 821121106050 | SARAVANAN S          |
| 14.   | 821121106017 | JAYA PRASAD P    | 47.   | 821121106051 | SERAN B              |
| 15.   | 821121106018 | KALAISELVI S     | 48.   | 821121106052 | SNEHARAJ             |
| 16.   | 821121106019 | KAUSHIKA CHAND S | 49.   | 821121106053 | SOMASUNDARAM S       |
| 17.   | 821121106020 | KEERTHIKA P      | 50.   | 821121106054 | SOMESHWARAN T        |
| 18.   | 821121106021 | KEVAN JOANS J    | 51.   | 821121106055 | SUDHARSAN P          |
| 19.   | 821121106022 | KRISHNAMOORTHY V | 52.   | 821121106056 | SUJITHRA T           |
| 20.   | 821121106023 | MAADHESWARAN K   | 53.   | 821121106057 | SURIYA PRAKASH M     |
| 21.   | 821121106024 | MADHUMITHA S     | 54.   | 821121106058 | SWATHI V             |
| 22.   | 821121106025 | MAHESWARAN D     | 55.   | 821121106059 | THIRUNITHI K         |
| 23.   | 821121106026 | MANIKANDAN S     | 56.   | 821121106060 | VADIVU G             |
| 24.   | 821121106027 | MANOJ L          | 57.   | 821121106061 | VASIKARAN C          |
| 25.   | 821121106028 | MANOJ KUMAR I    | 58.   | 821121106062 | VASU DEVA KRISHNAN S |
| 26.   | 821121106029 | MOHAMED RIZWAN S | 59.   | 821121106063 | VIJAYADHARSHINI J    |
| 27.   | 821121106030 | MOHAMED YASEEN M | 60.   | 821121106064 | YAMUNA D             |
| 28.   | 821121106031 | MOSIKKEERAN P    | 61.   | 821121106065 | YUVARAJ R            |
| 29.   | 821121106032 | MUKILVANNAN M    | 62.   | 821121106301 | RAAKESH .T           |
| 30.   | 821121106033 | NITHISH K        | 63.   | 821121106302 | RAJKUMAR.R           |
| 31.   | 821121106034 | NITHISH DEVI K   | 64.   | 821121106701 | ANITH APEL J         |
| 32.   | 821121106035 | OVIYA R          | 65.   | 821121106702 | SARABESH KUMAR.S     |
| 33.   | 821121106036 | PANDI MEENA K    |       |              |                      |

Internship/LV/IV-CO ORDINATOR  
 (Mr.R. Balakrishnan, AP/ECE)

HOD/ ECE  
 ELECTRONICS AND COMMUNICATION ENGINEERING  
**KINGS COLLEGE OF ENGINEERING**  
 PUNALKULAM - 613 303.

PRINCIPAL  
**Kings College of Engineering.**  
 PUNALKULAM - 613 303





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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
(ACADEMIC YEAR 2022- 2023)**

**INDUSTRIAL VISIT REPORT**

**SIEMENS CENTRE OF EXCELLENCE IN MANUFACTURING  
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-620015**

**Date:12.04.2023**



**PEREPARED BY  
Mr.R.BALAKRISHNAN, AP/ECE  
IHT/IV/INTERNSHIP CO-ORDINATOR**

## OBJECTIVE

To get practical knowledge in designing a product and to give an insight about the way things work, a group of 65 students from second year ECE visited to **SIEMENS CENTRE OF EXCELLENCE IN MANUFACTURING, NATIONAL INSTITUTE OF TECHNOLOGY**, situated at Thanjavur-Tiruchirappalli highway on 12.04.2023 assisted by 5 faculty Members Mr.R.Balakrishnan, AP/ECE, Mr. T. Jeyaseelan, AP/ECE, Mr. S. Ramarajan, AP/ECE, Mrs.U.Jeyamalar, AP/ECE and Mrs. D. Vennila, AP/ECE.

We reached the National Institute of Technology, Tiruchirappalli campus by 10:30 AM and we logged into the Siemens Centre of Excellence in manufacturing campus after the security check at 10:45 AM.

Mr. Shubham Murari ,Technical Assistant and Mr. Vignesh. S Jr.Engineer of the CoE, gave an overview about the Siemens Centre of Excellence in Manufacturing lab. During his presentation he listed the 12 sophisticated Laboratories for Design and Validation, Advanced Manufacturing, Test and Optimization, Automation, Electrical and Energy savings, Process Instrumentation, Mechatronics, CNC Machines, CNC Controller, Robotics, Rapid Prototyping and Internet of Things which provides opportunity for promising innovations.

After the presentation students were divided into two groups. Each group was taken separately and explained functioning of various labs with demonstration by the experts from SCEIM.

### Product Design & Validation Lab

Mr. Shubham Murari technical Assistant in CoE Product Design & Validation Laboratory has explained the Design and Validation Lab which consists of the Siemens solution for Computer Aided Design (CAD) and Computer Aided Engineering (CAE). These Solutions assist the students to understand engineering design and analysis. The examples in this lab covered industry examples from Automotive, Aerospace, Industrial Machinery & Renewable Energy Industry segments.

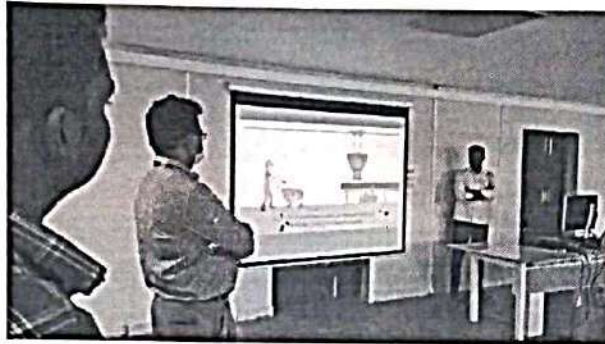


Mr. Vignesh. S Jr.Engineer in Product Design & Validation Laboratory demonstrating equipments at the Design and Validation Lab



### **Rapid Proto Typing (RPT) Lab**

Mr. Vignesh. S Jr.Engineer Co E in Rapid Prototyping (RPT) & Test and Optimization Laboratorie has explained a group of techniques used to quickly fabricate a scale model of a physical part or assembly using three-dimensional computer aided design (CAD) data.



Mr. Shubham Murari ,Technical Assistant in Rapid Prototyping (RPT) & Test and Optimization demonstrating the process of RPT.

### **Mechatronics Lab & Robotics Lab**

Mr. Shubham Murari ,Technical Assistant in Robotics Laboratory has explained role of robots in the manufacturing industry also he demonstrated the three robotics cells catering different applications in the industry such as Pick and Place Robotic Cell, Spot Welding Robotic Cell and MIG Welding Robotic Cell.

### **CNC Machines & Controller Lab**

The concept of CNC Programming and work real Sinumerik 808D controller for Turning and Milling applications was demonstrated by the instructor. The Logical steps to execute the CNC Program on an industrial CNC Machine also explained.

### **Process Instrumentation & Automation Lab**

Mr. Shubham Murari ,Technical Assistant in the Process Instrumentation & the Automation Lab explained the students to understand the requirement and functioning of Programmable Logic Controllers (PLCs) and Distributed Control Systems (DCS) for industrial applications.

### **Electrical & Energy saving Lab**

Mr. Shubham Murari ,Technical Assistant in Electrical & Energy Saving laboratory explained the right frequency converter suitable for every drive application.



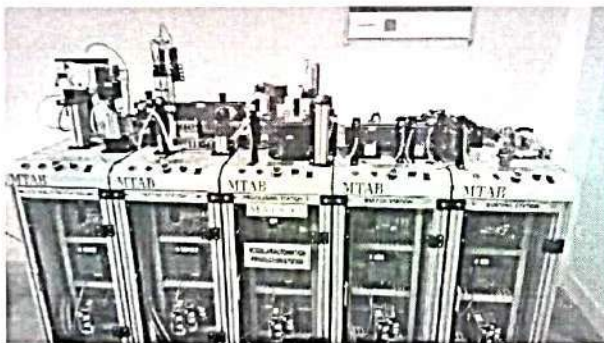


### Internet Of Things (IoT) Lab

Mr. Shubham Murari ,Technical Assistant in Internet of Things (IoT) laboratory explained concept of Internet of Things (IoT), and various tools associated with IoT.



Students listening the concepts explained by the Instructor at IoT lab



Finally we, staffs were given a break of 15 minutes to interact with SCEIM team for carrying out research related activities and training for the students.

The main intention of this task is to make the students to get the knowledge of industrial process in an effective way.

By around 2.15 PM we logged out of the campus. At the end of the visit we had a good experience and learnt many things from SCEIM.

### OUTCOME OF THE VISIT

- To develop projects in embedded, signal processing, and Robotics technologies
- To motivate the students to become entrepreneur in small scale automation industries.
- To do internship program and end course project work at NIT-T.
- To acquire and update the knowledge on real time applications of ECE core subjects like Embedded systems, control systems and Ad hoc and Wireless Sensor Networks etc .

At last we thank our Management, Secretary sir, and our Principal Mam, to permit for this local visit which help us to develop projects in embedded, signal processing and Robotics technologies .  
At the end of the visit we had a good experience and learnt many things from SCEIM.

  
28/4/23

Mr.R.BALAKRISHNAN, AP/ECE  
IHT/IV/INTERNSHIP CO-ORDINATOR

  
28/4/2023  
HOD/ECE

  
28/4/2023



From

Mr.R. Balakrishnan, AP/ECE

In-House Training Co Ordinator,

Department of ECE,

Kings college of Engineering,

Punalkulam, Thanjavur.

To

The Principal,

Kings college of Engineering,

Punalkulam, Thanjavur.

Thro' HoD/ECE

Respected Madam,

Sub: Availing of college bus facility to Industrial visit to NIFTEM on 16.09.22 -reg

With reference to the above subject, we have planned to take our II year ECE students to the NIFTEM office Thanjavur on 16.09.2022 as industrial visit. I wish to inform you that NIFTEM announced open day on 16 and 17.09.2022. So we request you to provide our college transport facility to visit the NIFTEM office Thanjavur on 16.09.2022 as industrial visit.

Thanking you

Your' Faithfully

(R.Balakrishnan)

Date: 16.09.2022

Place: Punalkulam

For HOD m  
16/9/2022

- yes -

16/9/22

16/9/22

Rs = 650/2

16/09/22

16/9/22





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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR -2022-2023**

**VISIT NAME LIST- NIFTEM - THANJAVUR.**

**CLASS: II ECE /III SEMESTER**

**STRENGTH: 65 Date: 16.09.2022**

| S.No. | Register No  | Student Name     | S.No. | Register No  | Student Name         |
|-------|--------------|------------------|-------|--------------|----------------------|
| 1.    | 821121106001 | ABINASH A        | 34.   | 821121106037 | PRAGADHEESHWARAN P   |
| 2.    | 821121106002 | ABINITHA M       | 35.   | 821121106038 | PRAKASH ANTONY K     |
| 3.    | 821121106005 | ARIVAZHAGAN G    | 36.   | 821121106039 | PRAVEEN KUMAR R      |
| 4.    | 821121106006 | ARUN S           | 37.   | 821121106040 | PRITHISH M           |
| 5.    | 821121106007 | ASHWINI R        | 38.   | 821121106041 | PUNNIYA MOORTHY C M  |
| 6.    | 821121106009 | DHARSHINI K      | 39.   | 821121106042 | RAJESHWARI T         |
| 7.    | 821121106010 | DINESH KUMAR K   | 40.   | 821121106043 | RAJKUMAR D           |
| 8.    | 821121106011 | ENIYARASI P      | 41.   | 821121106044 | RANI CHANDRA V       |
| 9.    | 821121106012 | GAYATHRI S       | 42.   | 821121106046 | RENUGA DEVI S        |
| 10.   | 821121106013 | GOWSIKA M        | 43.   | 821121106047 | SABETHA M            |
| 11.   | 821121106014 | HARIHARAN A      | 44.   | 821121106048 | SAJJEEVAN M          |
| 12.   | 821121106015 | HARINILAKSHMI V  | 45.   | 821121106049 | SANJAY V             |
| 13.   | 821121106016 | JANARTHANAN V    | 46.   | 821121106050 | SARAVANAN S          |
| 14.   | 821121106017 | JAYA PRASAD P    | 47.   | 821121106051 | SERAN B              |
| 15.   | 821121106018 | KALAISELVI S     | 48.   | 821121106052 | SNEHARAJ             |
| 16.   | 821121106019 | KAUSHIKA CHAND S | 49.   | 821121106053 | SOMASUNDARAM S       |
| 17.   | 821121106020 | KEERTHIKA P      | 50.   | 821121106054 | SOMESHWARAN T        |
| 18.   | 821121106021 | KEVAN JOANS J    | 51.   | 821121106055 | SUDHARSAN P          |
| 19.   | 821121106022 | KRISHNAMOORTHY V | 52.   | 821121106056 | SUJITHRA T           |
| 20.   | 821121106023 | MAADHESWARAN K   | 53.   | 821121106057 | SURIYA PRAKASH M     |
| 21.   | 821121106024 | MADHUMITHA S     | 54.   | 821121106058 | SWATHI V             |
| 22.   | 821121106025 | MAHESWARAN D     | 55.   | 821121106059 | THIRUNITHI K         |
| 23.   | 821121106026 | MANIKANDAN S     | 56.   | 821121106060 | VADIVU G             |
| 24.   | 821121106027 | MANOJ L          | 57.   | 821121106061 | VASIKARAN C          |
| 25.   | 821121106028 | MANOJ KUMAR I    | 58.   | 821121106062 | VASU DEVA KRISHNAN S |
| 26.   | 821121106029 | MOHAMED RIZWAN S | 59.   | 821121106063 | VIJAYADHARSHINI J    |
| 27.   | 821121106030 | MOHAMED YASEEN M | 60.   | 821121106064 | YAMUNA D             |
| 28.   | 821121106031 | MOSIKKEERAN P    | 61.   | 821121106065 | YUVARAJ R            |
| 29.   | 821121106032 | MUKILVANNAN M    | 62.   | 821121106301 | RAAKESH .T           |
| 30.   | 821121106033 | NITHISH K        | 63.   | 821121106302 | RAJKUMAR.R           |
| 31.   | 821121106034 | NITHISH DEVI K   | 64.   | 821121106701 | ANITH APEL J         |
| 32.   | 821121106035 | OVIYA R          | 65.   | 821121106702 | SARABESH KUMAR.S     |
| 33.   | 821121106036 | PANDI MEENA K    |       |              |                      |

16/9/22  
Internship/LV/IV-CO ORDINATOR  
(Mr.R. Balakrishnan, AP/ECE)

16/9/22  
HOD/ECE

16/9/22  
PRINCIPAL

**H.O.D.**  
ELECTRONICS AND COMMUNICATION ENGINEERING  
**KINGS COLLEGE OF ENGINEERING**  
PUNALKULAM - 613 303.  
CHANDRANAGOTTAI TALUK, PUDUKOTTAI DISTRICT

**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM - 613 303



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CERT

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
(ACADEMIC YEAR 2022 – 2023)

## LOCAL VISIT REPORT



## NIFTEM-THANJAVUR

PEREPARED BY  
Mr.R.BALAKRISHNAN, AP/ECE  
IHT/IV/INTERNSHIP CO-ORDINATOR



The National Institute of Food Technology, Entrepreneurship and Management - Thanjavur (NIFTEM-T) is a pioneer Research and Educational Institution under the Ministry of Food Processing Industries, Government of India. NIFTEM-T organized OPEN DAY 2022 on 16.09.2022 in order to showcase their facilities and opportunities available in NIFTEM to the public and nearby schools and colleges.

The Department of Electronics and Communication Engineering , Kings College of Engineering had Organized a local visit to NIFTEM Thanjavur for second year ECE students on 16.09.2022 with prior permission.





## **OBJECTIVE**

The main objective of this visit is to improve the student's technical and Entrepreneur knowledge and real time applications of ECE core subjects in food processing industry.

Batches of 58 students along with five faculty members have visited NIFTEM Thanjavur. Mr.R.Balakrishnan, Assistant Professor/ ECE and IHT/IV, Coordinator Kings College of Engineering coordinated the entire visit.

The National Institute of Food Technology, Entrepreneurship and Management - Thanjavur (NIFTEM-T) with its modern laboratories equipped with hi-tech instruments, is engaged in the R&D of food grain processing, value addition, by-product utilization through bio-processing, process and product development.

The students have visited many food processing and testing labs and learn the practical version of Modern rice mill, Onion stem removing Process, different food processing technologies and hi-tech and cottage level food processing incubation cum training centre.

## **MODERN RICE MILL**

The faculty of NIFTEM explained the operation of modern rice mill and various rice polishing process. Our students learned about the modern rice mill.





#### FOOD PROCESSING AND TESTING LABS







#### OUTCOME OF THE VISIT

- To develop projects in Food Processing technologies
- To motivate students to become entrepreneur in food industries.
- To do Internship and In plant training program at NIFTEM-T.
- To acquire and update the knowledge on real time applications of ECE core subjects like Embedded systems , control systems and sensors etc .

It was a Wonderful experience for all students as well for staff members. Every student was cooperative to eachother as well to the faculties.

At last we thanked our Management, Secretary sir, and our Principal Mam, for arranging this wonderful local visit which will help us to develop projects in Food Processing technologies.

To the whole the visit was really informative and enjoyable.

**Thank you so much.**

*Signature*  
26/9/22  
**Mr.R.BALAKRISHNAN, AP/ECE**  
**IHT/IV/INTERNSHIP CO-ORDINATOR**

*Signature*  
29/9/2022  
**HOD/ECE**

*Signature*  
29/9/22





**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**ACADEMIC YEAR 2022-2023**

**INTERNSHIP / IPT/ IHT**

| Sno | Register No  | Student Name    | Name of the Organization                                                    | Date                           |
|-----|--------------|-----------------|-----------------------------------------------------------------------------|--------------------------------|
| 1.  | 821119105001 | Bharanitharan S | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
| 2.  | 821119105002 | Krishna M E     | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
|     |              |                 | Tamil Nadu Transmission Corporation Ltd, 230/110 kV Sub Station, Thanjavur. | 01.08.2022<br>to<br>05.08.2022 |
| 3.  | 821119105003 | Pandidevi P     | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
|     |              |                 | Tamil Nadu Transmission Corporation Ltd, 230/110 kV Sub Station, Thanjavur. | 01.08.2022<br>to<br>05.08.2022 |
|     |              |                 | SAMCKO TECHNOLOGIES. THANJAVUR                                              | 03.03.23<br>To<br>13.03.23     |
| 4.  | 821119105004 | Purusothaman R  | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
|     |              |                 | Tamil Nadu Transmission Corporation Ltd, 230/110 kV Sub Station, Thanjavur. | 01.08.2022<br>to<br>05.08.2022 |
| 5.  | 821119105005 | Ragul V         | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
|     |              |                 | Tamil Nadu Transmission Corporation Ltd, 230/110 kV Sub Station, Thanjavur. | 01.08.2022<br>to<br>05.08.2022 |
|     |              |                 | SAMCKO TECHNOLOGIES. THANJAVUR                                              | 03.03.23<br>To<br>13.03.23     |
| 6.  | 821119105006 | Regina R        | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
|     |              |                 | Tamil Nadu Transmission Corporation Ltd, 230/110 kV Sub Station, Thanjavur. | 01.08.2022<br>to<br>05.08.2022 |
|     |              |                 | SAMCKO TECHNOLOGIES. THANJAVUR                                              | 03.03.23<br>To<br>13.03.23     |

|     |              |                     |                                                                             |                                |
|-----|--------------|---------------------|-----------------------------------------------------------------------------|--------------------------------|
| 7.  | 821119105008 | Yugeshwaran B       | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
|     |              |                     | Tamil Nadu Transmission Corporation Ltd, 230/110 kV Sub Station, Thanjavur. | 01.08.2022<br>to<br>05.08.2022 |
| 8.  | 821119105301 | Sarathkumar A       | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
| 9.  | 821119105501 | Vetrivel K          | Step Up Controls, Tiruvallur-77                                             | 08.08.2022<br>to<br>05.09.2022 |
|     |              |                     | SAMCKO TECHNOLOGIES.<br>THANJAVUR                                           | 03.03.23<br>To<br>13.03.23     |
| 10. | 821120105001 | Abinayashree J      | Armada Industrial Automation,<br>Thanjavur.                                 | 10.01.2023<br>To<br>14.01.2023 |
| 11. | 821120105007 | Elanangai G         |                                                                             |                                |
| 12. | 821120105008 | Gushendra Prasath P |                                                                             |                                |
| 13. | 821120105011 | Kanimozhi R         |                                                                             |                                |
| 14. | 821120105018 | Priyadharshini P    |                                                                             |                                |
| 15. | 821120105019 | Priyadharshini S    |                                                                             |                                |
| 16. | 821120105023 | Salman Hussain Z    |                                                                             |                                |
| 17. | 821120105025 | Semili K            |                                                                             |                                |
| 18. | 821120105026 | Sivaranjani D       |                                                                             |                                |
| 19. | 821120105028 | Sowmiya K           |                                                                             |                                |
| 20. | 821120105029 | Sowmiya L           |                                                                             |                                |
| 21. | 821120105032 | Viji J              |                                                                             |                                |
| 22. | 821120105027 | Sneha P             | BOSCH Ltd, Bangalore                                                        | 08.08.2022<br>To<br>12.08.2022 |
|     |              |                     | Armada Industrial Automation,<br>Thanjavur.                                 | 10.01.2023<br>To<br>14.01.2023 |

*[Signature]*  
HOD/EEE 26/5/23

Dr.A.ALBERT MARTIN RUBAN,ME.,Ph.D.,  
Head of the Department  
Department of Electrical and Electronics Engineering  
Kings College of Engineering  
Punalkulam  
Pudukkottai-613303

*[Signature]*  
Principal 26/5/2023

PRINCIPAL  
Kings College of Engineering,  
PUNALKULAM - 613 303

STEPUP

CONTROLS

# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur-77  
Contact: 9976820233, 9944081123, GST No: 33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Certificate No: SUCIC2022027

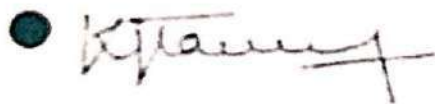
Date: 06.09.2022

This is to certify that Mr.BHARANITHARAN S (821119105001) final year Electrical & Electronics Engineering student of KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303 has done internship training (online mode) at our organization Step Up Controls, Ambattur, Tiruvallur-77 from 08.08.2022 to 05.09.2022.

During this training, he gained knowledge on Industrial Automation. His conduct and character was good.

We wish him all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)







# TAMILNADU TRANSMISSION CORPORATION LTD

( a subsidiary of TNEB Ltd.,)

## INPLANT TRAINING CERTIFICATE

Certified that ...KRISHNA.M.E..... B.E./B.Tech .....EEE..... of  
...KINGS...COLLEGE...OF...ENGINEERING...PUNALKULAM, THANJAVUR  
has attended the In - Plant training at 230/110 KV Sub Station, Thanjavur  
from ...01.08.2022..... to ...05.08.2022..... Absent .....NIL.....

SE Reference Lr. No.: 005618/ADM-3/A-2/E. Inplant Training /2022 dt 30.07.2022

Date : 05.08.2022

Place : THANJAVUR

EXECUTIVE ENGINEER  
OPERATION  
230/110 KV SUB-STATION  
THANJAVUR -613 303

STEPUP

CONTROLS

# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur- 77  
Contact: 9976820233, 9944081123. GST.No:33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Certificate No: SUCIC2022028

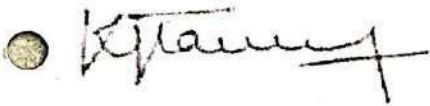
Date: 06.09.2022

This is to certify that **Mr.KRISHNA M.E (821119105002)** final year Electrical & Electronics Engineering student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303** has done internship training (online mode) at our organization **Step Up Controls, Ambattur, Tiruvallur-77** from 08.08.2022 to 05.09.2022.

During this training, he gained knowledge on **Industrial Automation**. His conduct and character was **good**.

We wish him all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)



STEPUP

CONTROLS

# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur- 77  
Contact: 9976820233. 9944081123. GST.No:33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Certificate No: SUCIC2022029

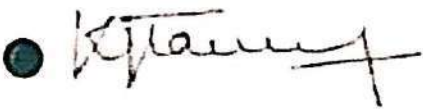
Date: 06.09.2022

This is to certify that Ms.PANDIDEVI P (821119105003) final year Electrical & Electronics Engineering student of KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303 has done internship training (online mode) at our organization Step Up Controls, Ambattur, Tiruvallur-77 from 08.08.2022 to 05.09.2022.

During this training, she gained knowledge on Industrial Automation. Her conduct and character was good.

We wish her all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)







# TAMILNADU TRANSMISSION CORPORATION LTD

( a subsidiary of TNEB Ltd.,)

## INPLANT TRAINING CERTIFICATE

Certified that PANDI DENI : P..... B.E./B.Tech ..... EEE..... of  
KINGS COLLEGE OF ENGINEERING, PUNALKULAM, THANJAVUR.....  
has attended the In - Plant training at 230/110 KV Sub Station, Thanjavur  
from 01-08-2022..... to 05-08-2022..... Absent 3-08-2022 (1 day)

SE Reference Lr. No.: 005618/ADM-3/A-2/F-Inplant Training/2022, dt. 30-07-2022

Date : 05-08-2022

Place : THANJAVUR

EXECUTIVE ENGINEER  
OPERATION  
230/110 KV SUB-STATION  
THANJAVUR -613 303



# SAMCKO TECHNOLOGIES

13<sup>th</sup> March 2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. P.PANDI DEVI (REG NO:821119105003) and R.REGINA (REG NO:821119105006) Student of "EEE" final year KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during 3<sup>rd</sup> March 2023 to 13<sup>th</sup> March 2023.

During his course period, his level of commitment, involvement and attitude were found to be exemplary.

We wish his all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

N. G.   
13/3/2023

(N.GopalaKrishnan. B.E)

HR-Manager

# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank Upstairs )  
South Main Street, Thanjavur -613 009. Mobile : 8870797168

STEPUP

CONTROLS

# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur- 77  
Contact: 9976820233, 9944081123. GST.No:33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Certificate No: SUCIC2022030

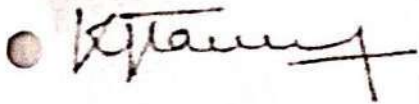
Date: 06.09.2022

This is to certify that Mr.PURUSOTHAMAN R (821119105004) final year Electrical & Electronics Engineering student of KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303 has done internship training (online mode) at our organization Step Up Controls, Ambattur, Tiruvallur-77 from 08.08.2022 to 05.09.2022.

During this training, he gained knowledge on Industrial Automation. His conduct and character was good.

We wish him all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)







# TAMILNADU TRANSMISSION CORPORATION LTD

( a subsidiary of TNEB Ltd., )

## INPLANT TRAINING CERTIFICATE

Certified that ..PURUSHOTHAMAN..R..... B.E./B.Tech .....EEE..... of

.....KING'S..... COLLEGE OF ENGINEERING, PUNALKULAM, THANJAVUR.  
has attended the In - Plant training at 230/110 KV Sub Station, Thanjavur  
from ..01.08.2022..... to ..05.08.2022..... Absent ..... Nil .....  
30.07.2022

SE Reference Lr. No.: 005618/AD.M.3/A.2/F. Inplant Training/2022 .dt 30.07.2022

Date : 05.08.2022  
Place : THANJAVUR

EXECUTIVE ENGINEER  
OPERATION  
230/110 KV SUB-STATION  
THANJAVUR - 613 303





## **SAMCKO TECHNOLOGIES**

13<sup>th</sup> March 2023

### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. V.RAGUL (REG NO:821119105005) and K.VETRIVEL (REG NO:821119105501) Student of "EEE" final year KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303 has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered ARDUINO CONTROLLER AND SENSOR TECHNOLOGY during 3<sup>rd</sup> March 2023 to 13<sup>th</sup> March 2023.

During his course period, his level of commitment, involvement and attitude were found to be exemplary.

We wish his all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

*N. Gopala Krishnan*  
13/3/2023

(N.GopalaKrishnan. B.E)

HR-Manager

# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank Upstairs )  
South Main Street, Thanjavur -613 009. Mobile : 8870797168

STEPUP

CONTROLS

# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur- 77  
Contact: 9976820233, 9944081123. GST.No:33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Certificate No: SUCIC2022031

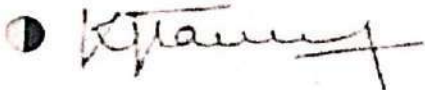
Date: 06.09.2022

This is to certify that **Mr.RAGUL V (821119105005)** final year Electrical & Electronics Engineering student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303** has done internship training (online mode) at our organization **Step Up Controls, Ambattur, Tiruvallur-77** from 08.08.2022 to 05.09.2022.

During this training, he gained knowledge on **Industrial Automation**. His conduct and character was **good**.

We wish him all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)







# TAMILNADU TRANSMISSION CORPORATION LTD

( a subsidiary of TNEB Ltd., )



Certified that ... RAAGUL: V ..... B.E./B.Tech. ... EEE ..... of

... KINGS COLLEGE ... OF ENGINEERING, PUNAKULAM, THANJAVUR.

has attended the In - Plant training at 230/110 KV Sub Station, Thanjavur  
from 01.08.2022 ..... to 05.08.2022 ..... Absent --- Nil ---

SE Reference Lr. No.: DD 5618/ADM.3/A.2/E. Inplant Training/2022 dt 30.07.2022

Date : 05.08.2022  
Place : THANJAVUR

EXECUTIVE ENGINEER  
OPERATION  
230/110 KV SUB-STATION  
THANJAVUR - 613 303



# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur- 77  
Contact: 9976820233, 9944081123. GST.No:33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Date: 06.09.2022

Certificate No: SUCIC2022032

This is to certify that **Ms.REGINA R (821119105006)** final year Electrical & Electronics Engineering student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303** has done internship training (online mode) at our organization **Step Up Controls, Ambattur, Tiruvallur-77** from 08.08.2022 to 05.09.2022.

During this training, she gained knowledge on **Industrial Automation**. Her conduct and character was **good**.

We wish her all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)



STEPUP

CONTROLS

# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur- 77  
Contact: 9976820233, 9944081123. GST.No:33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Certificate No: SUCIC2022032

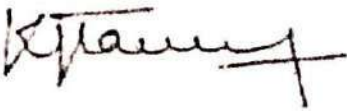
Date: 06.09.2022

This is to certify that Ms. REGINA R (821119105006) final year Electrical & Electronics Engineering student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303** has done internship training (online mode) at our organization **Step Up Controls, Ambattur, Tiruvallur-77** from 08.08.2022 to 05.09.2022.

During this training, she gained knowledge on **Industrial Automation**. Her conduct and character was **good**.

We wish her all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J. Tamil Selvan

(Project Manager)







# TAMILNADU TRANSMISSION CORPORATION LTD

( a subsidiary of TNEB Ltd.,)



Certified that ...REGINA.R..... B.E./B.Tech ... EEE..... of

...KINGS... COLLEGE... OF... ENGINEERING... PUNAKULAM... THANJAVUR...  
has attended the In - Plant training at 230/110 KV Sub Station, Thanjavur  
from ...01.08.2022..... to ...05.08.2022..... Absent ... — Nil —

SE Reference Lr. No.: 00.5618/ADM.3/A.2/F. Inplant Training/2022 dt. 30.07.2022

Date : 05.08.2022  
Place : THANJAVUR

EXECUTIVE ENGINEER  
OPERATION  
230/110 KV SUB-STATION  
THANJAVUR - 613 303



STEPUP

CONTROLS

# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur- 77  
Contact: 9976820233, 9944081123. GST.No:33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Certificate No: SUCIC2022033

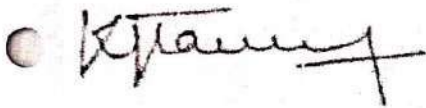
Date: 06.09.2022

This is to certify that **Mr.YUGESHWARAN (821119105008)** final year Electrical & Electronics Engineering student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303** has done internship training (online mode) at our organization **Step Up Controls, Ambattur, Tiruvallur-77** from 08.08.2022 to 05.09.2022.

During this training, he gained knowledge on **Industrial Automation**. His conduct and character was **good**.

We wish him all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)





# TAMILNADU TRANSMISSION CORPORATION LTD

( a subsidiary of TNEB Ltd.,)

## INPLANT TRAINING CERTIFICATE

Certified that YUGESHWARAN..B. ..... B.E./B.Tech ..... EEE ..... of

KINGS COLLEGE OF ENGINEERING, PUNAKULAM, THANJAVUR  
has attended the In - Plant training at 230/110 KV Sub Station, Thanjavur  
from 01.08.2022 ..... to 05.08.2022 ..... Absent — Nil —

SE Reference Lr. No: DD.5618/ADM.3/A.2/E Inplant Training/2022 dt 30.07.2022

Date : 05.08.2022  
Place : THANJAVUR

EXECUTIVE ENGINEER  
OPERATION  
230/110 KV SUB-STATION  
THANJAVUR - 613 303



STEPUP

CONTROLS

# STEPUP CONTROLS

1218, Ayapakkam Housing Board Road, Annanur, Ambattur, Tiruvallur- 77

Contact: 9976820233, 9944081123. GST.No:33AWYPG8803F1ZA

## INTERNSHIP CERTIFICATE

Certificate No: SUCIC2022034

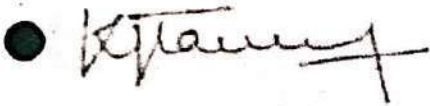
Date: 06.09.2022

This is to certify that **Mr.SARATHKUMAR A (821119105301)** final year Electrical & Electronics Engineering student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303** has done internship training (online mode) at our organization **Step Up Controls, Ambattur, Tiruvallur-77** from 08.08.2022 to 05.09.2022.

During this training, he gained knowledge on **Industrial Automation**. His conduct and character was **good**.

We wish him all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)



## INTERNSHIP CERTIFICATE

Date: 06.09.2022

Certificate No: SUCIC2022035

This is to certify that **Mr.VETRIVEL K (821119105501)** final year Electrical & Electronics Engineering student of **KINGS COLLEGE OF ENGINEERING, PUNALKULAM- 613303** has done internship training (online mode) at our organization **Step Up Controls, Ambattur, Tiruvallur-77** from 08.08.2022 to 05.09.2022.

During this training, he gained knowledge on **Industrial Automation**. His conduct and character was **good**.

We wish him all success.

FOR STEPUP CONTROLS



AUTHORIZED SIGNATORY

K.J.Tamil Selvan

(Project Manager)







HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

This to certify that

**ABINAYASREE. J**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**







HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

This to certify that

**ELANANGAI. G**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**





HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

This to certify that

**GUSHENDRA PRASATH. P**

Student from

Dept of EEE

**Kings College Of Engineering  
Pudukkottai.**

Has successfully completed

**INPLANT TRAINING**

From 10th -14th Jan 2023

In **"ELECTRIC VEHICLE TECHNOLOGY"**







HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

This to certify that

**KANIMOZHI. R**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**







HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

**This to certify that**

**PRIYADHARSHINI. P**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**





HIG: 47, New Housing Unit, Thanjavur-5

# **CERTIFICATE**

**This to certify that**

**PRIYADHARSHINI. S**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**







HIG: 47, New Housing Unit, Thanjavur-5

# **CERTIFICATE**

**This to certify that**

**SALMAN HUSSAIN. Z**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**







HIG 47, New Housing Unit, Thanjavur-5

# **CERTIFICATE**

**This to certify that**

**SEMILI. K**

**Student from**

**Dept of EEE**

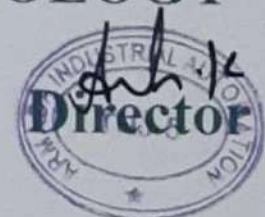
**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**





HIG: 47, New Housing Unit, Thanjavur-5

# **CERTIFICATE**

**This to certify that**

**SIVARANJANI. D**

**Student from**

**Dept of EEE**

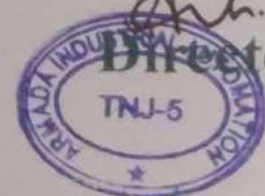
**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**



**Director**





HIG: 47, New Housing Unit, Thanjavur-5

# **CERTIFICATE**

**This to certify that**

**SOWMIYA. K**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**







# **CERTIFICATE**

OF INTERSHIP TRAINING PROGRAM

This is to certify that Mr. / Ms. /

**SOWMIYA K**

Student of **Kings College Of Engineering**

has completed Internship Program on **Optical Communication**  
for the period from **26/06/2023 to 12/07/2023.**

CERT. NO.: 2023/07580

#16, 2nd Floor, Rangaa Complex  
Chatram Bus Stand, Trichy - 620002  
9843207599. [www.samcoresolution.in](http://www.samcoresolution.in)



*C. Anand*  
HEAD



C.No: JULPS 122

# CERTIFICATE OF COMPLETION

This certificate is presented to

Mr./Ms. SOWIMIYA · K (821120105022)

Has Successfully Completed INTERNSHIP Training Program  
in " POWER SYSTEM "

During 17.07.2023 to 21.07.2023

Congratulations on a job well done!

  
Director



  
Technical Head



HIG: 47, New Housing Unit, Thanjavur-5

# **CERTIFICATE**

**This to certify that**

**SOWMIYA. L**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th –14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**







HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

This to certify that

**VIJL. J**

**Student from**

**Dept of EEE**

**Kings College Of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th -14th Jan 2023**

**In "ELECTRIC VEHICLE TECHNOLOGY"**





**BOSCH**

Bosch Global Software  
Technologies Private Limited  
(CIN:  
U72400KA1997PTC023164)  
3rd floor Cyber Park  
76-77 E-City Phs-1 Ban  
Bengaluru(Electronic City)  
Karnataka, 560 100  
www.bosch-  
softwaretechnologies.com

12 August 2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Sneha P, BE** student from **Kings College Of Engineering** has successfully completed the **Internship** at **BOSCH Ltd,** Bangalore - 100, During the period from **08-08-22 to 12-08-22.**

We wish her all the best in future endeavors.

Yours sincerely

Sarath Kumar Govindaraj  
Bosch Global Software Technologies Private Limited  
(CIN: U72400KA1997PTC023164)

Registered Office: Bosch Global Software Technologies Private Limited - (CIN: U72400KA1997PTC023164)  
(Formerly known as Robert Bosch Engineering and Business Solutions Pvt. Ltd.)  
123, Industrial Layout, Hosur Road, Koramangala, Bengaluru - 560095, India  
Managing Director: Mr. Dattatri Salagame

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HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

**This to certify that**

**SNEHA. P**

**Student from**

**Dept of EEE**

**Kings College of Engineering  
Pudukkottai.**

**Has successfully completed**

**INPLANT TRAINING**

**From 10th Jan - 14th Jan 2023**

**In “ELECTRIC VEHICLE TECHNOLOGY”**

For ARMADA INDUSTRIAL AUTOMATION

  
Authorised Signatory

**Director**



**DEPARTMENT OF  
MECHANICAL  
ENGINEERING**



Department Of Mechanical Engineering

Academic Year 22-23(Odd&Even)

Student Inhouse Training

CLASS : III MECH

| S.NO | NAME                     | REG NO       | COMPANY                | DURATION                  |
|------|--------------------------|--------------|------------------------|---------------------------|
| 1    | KISHORE R                | 821119114002 | RAGAVENDRA<br>CONTROLS | 18.07.2022-<br>23.07.2022 |
| 2    | DINESH A                 | 821119114010 |                        |                           |
| 3    | SYEDU USMANALI M         | 821119114015 |                        |                           |
| 4    | AATHI BUBESH A           | 821119114017 |                        |                           |
| 5    | HARIHARAN M (22.07.2002) | 821119114021 |                        |                           |
| 6    | HARISH GOWTHAM M         | 821119114023 |                        |                           |
| 7    | NITHISH A                | 821119114026 |                        |                           |
| 8    | PRIYADHARSAN L           | 821119114029 |                        |                           |
| 9    | SIVABALAN A              | 821119114036 |                        |                           |
| 10   | SATHIYASEELAN B          | 821119114037 |                        |                           |
| 11   | PRADEEPRAJAN S           | 821119114018 |                        |                           |
| 12   | VIGNESHWARAN M           | 821119114035 |                        |                           |
| 13   | MULLAIVENDHAN G          | 821119114027 |                        |                           |
| 14   | IYAPPAN A                | 821119114042 |                        |                           |
| 15   | MUTHUKUMAR K             | 821119114022 |                        |                           |
| 1    | KALAIMUHILARASAN S       | 821119114019 | ASHOK LEYLAND          | 18.07.2022-<br>23.07.2022 |
| 2    | NARENDRAN R              | 821119114024 |                        |                           |
| 3    | GOPI G                   | 821119114011 |                        |                           |
| 4    | PRAVEENKUMAR S           | 821119114028 |                        |                           |
| 5    | HARIHARAN M (27.07.2002) | 821119114016 |                        |                           |
| 6    | ASHOKKUMAR K R           | 821119114502 |                        |                           |
| 7    | VENKATESH S              | 821119114041 |                        |                           |
| 8    | VEERAGURU M              | 821119114038 |                        |                           |
| 9    | ABINESH P                | 821119114301 |                        |                           |
| 10   | ARAVINDHAN G             | 821119114501 |                        |                           |
| 11   | PURUSHOTHAMAN S          | 821119114030 |                        |                           |
| 12   | VEERAMANI R              | 821119114040 |                        |                           |
| 13   | BARATHBABU A             | 821119114007 |                        |                           |
| 14   | BALAVIGNESH D            | 821119114006 |                        |                           |
| 15   | GUNAL P                  | 821119114012 |                        |                           |

|    |                          |              |                              |                           |
|----|--------------------------|--------------|------------------------------|---------------------------|
| 1  | AAKASH J                 | 821119114001 | FUMES<br>RENEWABLE<br>ENERGY | 18.07.2022-<br>23.07.2022 |
| 2  | ARAVINDAN B              | 821119114004 |                              |                           |
| 3  | BALAGANAPATHY S          | 821119114005 |                              |                           |
| 4  | HARIHARAN D              | 821119114013 |                              |                           |
| 5  | KAVIARASAN R             | 821119114020 |                              |                           |
| 6  | HARIHARAN M (11.07.2002) | 821119114014 |                              |                           |
| 7  | BHARATHICHOZHAN S        | 821119114008 |                              |                           |
| 8  | SIVASUBRAMANIAM S        | 821119114303 |                              |                           |
| 9  | ROOBAN K                 | 821119114033 |                              |                           |
| 10 | VEERAMANI K              | 821119114039 |                              |                           |
| 11 | RAJASEKARAN T K          | 821119114032 |                              |                           |
| 12 | POOVARASAN A             | 821119114302 |                              |                           |
| 13 | DEEPANRAJ S              | 821119114009 |                              |                           |
| 14 | KARTHICK                 | 821119114901 |                              |                           |
| 15 | SATHIYARAJ S             | 821119114034 |                              |                           |

TOTAL NO OF STUDENT=45

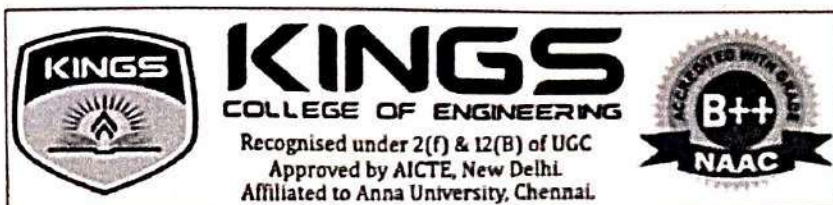
TOTAL NO OF COMPANY=3

TOTAL NO OF BATCH=3

  
IHT CORDINATOR

  
HOD  
H O D  
DEPARTMENT OF MECHANICAL ENGINEERING  
KINGS COLLEGE OF ENGINEERING  
PUNALKULAM





**Department of Mechanical Engineering**  
**Academic Year 2023-24 / Odd Semester**

**Class: III Mechanical / V Semester**

**Batch : 2021-2025**

**Name of the Course: ME3511 Summer Internship**

| RN | Reg.No.      | Name                | Name of the Company                      | Duration                     |
|----|--------------|---------------------|------------------------------------------|------------------------------|
| 1  | 821121114002 | Akilan P            | TNSTC Ltd.,<br>Kumbakonam                | 19.07.2023 To<br>02.08.2023  |
| 2  | 821121114003 | Alex A              | BEPL and Group of Company<br>Trichy      | 06.07.2023To<br>21.07.2023   |
| 3  | 821121114004 | Anbarasan C         | Sun V Technology Pvt Ltd.,<br>Coimbatore | 17.07.2023 To<br>02 .07.2023 |
| 4  | 821121114005 | Aswinkumar R        | BEPL and Group of Company,<br>Trichy     | 06.07.2023To<br>21.07.2023   |
| 5  | 821121114007 | Dhinakaran P        | BEPL and Group of Company<br>Trichy      | 06.07.2023To<br>21.07.2023   |
| 6  | 821121114009 | Dinesh K            | TNSTC Ltd.,<br>Kumbakonam                | 19.07.2023 To<br>02.08.2023  |
| 7  | 821121114010 | Elanthendral R      | TOOLFAB Engineering Pvt Ltd.,<br>Trichy  | 10.07.2023 To<br>24.07.2023  |
| 8  | 821121114012 | Jananpandian C      | SAMETA Metal Pro. Pvt., Ltd.,<br>Chennai | 15.07.2023 To<br>31.07.2023  |
| 9  | 821121114013 | Joseph Christoher M | BEPL and Group of Company<br>Trichy      | 06.07.2023To<br>21.07.2023   |
| 10 | 821121114015 | Kalaimaran S        | Sun V Technology Pvt Ltd.,<br>Coimbatore | 17.07.2023 To<br>02.07.2023  |
| 11 | 821121114016 | Karthi G            | Ilaya Engineering Pvt Ltd<br>Chennai     | 01.07.2023 To<br>30.07.2023  |
| 12 | 821121114018 | Kiveshwaran V       | Ilaya Engineering Pvt Ltd<br>Chennai     | 01.07.2023 To<br>30.07.2023  |
| 13 | 821121114019 | Madhan R            | TOOLFAB Engineering Pvt Ltd.,<br>Trichy  | 10.07.2023 To<br>24.07.2023  |
| 14 | 821121114020 | Manikandan R        | SAMETA Metal Pro. Pvt., Ltd.,<br>Chennai | 15.07.2023 To<br>31.07.2023  |
| 15 | 821121114021 | Manikandan S        | Ilaya Engineering Pvt Ltd<br>Chennai     | 01.07.2023 To<br>30.07.2023  |
| 16 | 821121114022 | Manikandan S        | BEPL and Group of Company<br>Trichy      | 06.07.2023To<br>21.07.2023   |
| 17 | 821121114024 | Maniraj D           | BEPL and Group of Company<br>Trichy      | 06.07.2023To<br>21.07.2023   |
| 18 | 821121114028 | Niraivan M          | TOOLFAB Engineerinf Pvt Ltd.,<br>Trichy  | 10.07.2023 To<br>24.07.2023  |
| 19 | 821121114029 | Nirmal D            | BEPL and Group of Company<br>Trichy      | 06.07.2023To<br>21.07.2023   |
| 20 | 821121114030 | Nithishkumar R      | TVS Mobility Pvt Ltd.,<br>Madurai        | 12.07.2023 To<br>26.07.2023  |



|    |              |                    |                                                |                          |
|----|--------------|--------------------|------------------------------------------------|--------------------------|
| 21 | 821121114031 | Nivaskhan R        | TOOLFAB Engineering Pvt Ltd., Trichy           | 10.07.2023 To 24.07.2023 |
| 22 | 821121114034 | Ragul S            | SAMETA Metal Pro. Pvt., Ltd., Chennai          | 15.07.2023 To 31.07.2023 |
| 23 | 821121114035 | Rajeshkumar R      | BEPL and Group of Company Trichy               | 06.07.2023 To 21.07.2023 |
| 24 | 821121114036 | Ribaydeen R        | Sun V Technology Pvt Ltd., Coimbatore          | 17.07.2023 To 02.07.2023 |
| 25 | 821121114037 | Rishivaran C       | TVS Mobility Pvt Ltd., Madurai                 | 12.07.2023 To 26.07.2023 |
| 26 | 821121114038 | Santhosh. R        | TNSTC Ltd., Kumbakonam                         | 19.07.2023 To 02.08.2023 |
| 27 | 821121114041 | Sathish K          | Sun V Technology Pvt Ltd., Coimbatore          | 17.07.2023 To 02.07.2023 |
| 28 | 821121114042 | Selva S            | TNSTC Ltd., Kumbakonam                         | 19.07.2023 To 02.08.2023 |
| 29 | 821121114044 | Selvendran S       | SAMETA Metal Pro. Pvt., Ltd., Chennai          | 15.07.2023 To 31.07.2023 |
| 30 | 821121114045 | Siva A             | TNSTC Ltd., Kumbakonam                         | 19.07.2023 To 02.08.2023 |
| 31 | 821121114046 | Sridhar S          | Arignar Anna Sugar Mills Kurungulam, Thanjavur | 17.07.2023 To 03.08.2023 |
| 32 | 821121114047 | Suresh K           | TNSTC Ltd., Kumbakonam                         | 19.07.2023 To 02.08.2023 |
| 33 | 821121114048 | Veerakumar R       | Arignar Anna Sugar Mills Kurungulam, Thanjavur | 17.07.2023 To 03.08.2023 |
| 34 | 821121114301 | Aravindan M        | Arignar Anna Sugar Mills Kurungulam, Thanjavur | 17.07.2023 To 03.08.2023 |
| 35 | 821121114302 | Bharani abisheik V | Arignar Anna Sugar Mills Kurungulam, Thanjavur | 17.07.2023 To 03.08.2023 |
| 36 | 821121114303 | Bharanidharan G    | MECHMAK CNC Pvt Ltd Coimbatore.                | 19.06.2023 To 31.07.2023 |
| 37 | 821121114304 | Hariharan R        | BEPL and Group of Company Trichy               | 06.07.2023 To 21.07.2023 |
| 38 | 821121114305 | Kincily S          | Baby Engineering Pvt Ltd Trichy                | 22.06.2023 To 08.07.2023 |
| 39 | 821121114306 | Prakash M          | Arignar Anna Sugar Mills Kurungulam, Thanjavur | 17.07.2023 To 03.08.2023 |
| 40 | 821121114307 | Sabariraj S        | Nikith Land Property Devlopers, LLP, Bangalore | 01.07.2023 to 30.07.2023 |
| 41 | 821121114308 | Sethuram .A        | TNSTC Ltd., Kumbakonam                         | 19.07.2023 To 02.08.2023 |
| 42 | 821121114701 | Yogeshwaran S      | Toolfab Engineerinf Pvt Ltd Trichy             | 10.07.2023 To 24.07.2023 |

*Mahul*  
Internship Dept. Incharge

*T. R. R. R. R.*  
HOD

**H O D**  
DEPARTMENT OF MECHANICAL ENGINEERING  
KINGS COLLEGE OF ENGINEERING  
PILAIKULAM



**FUMES RENEWABLE ENERGY Pvt. Ltd.,**

NO.10/110, Brahmin St, Karambakkam, Buddhar Colony, Porur, Chennai, Tamil Nadu 600116

23/07/2022

**TO WHOM IT MAY CONCERN**

This is to certify that **RAJASEKERAN TK ,POOVARASAN A, DEEPAN RAJ S, KARTHIK M,SATHIYA RAJ S** a students of **kings college of engineering, punalkulam** has successful/completed their in-house training from **18.07.2022 to 23.07.2022** in our company, with reference to partial fulfillment of the academic requirements.

All necessary details were provided from our side for the establishment of this in-house training.

We wish them the very best in all his future endeavours.

Thanking you,

With regards

HR Manager





**FUMES RENEWABLE ENERGY Pvt. Ltd.,**

NO.10/110, Brahmin St, Karambakkam, Buddhar Colony, Porur, Chennai, Tamil Nadu 600116

23/07/2022

**TO WHOM IT MAY CONCERN**

This is to certify that J.AAKASH, B.ARAVINDAN, S.BALAGANAPATHY, D.HARIHARAN, R.KAVIARASANA students of kings college of engineering, punalkulam has successful/completed their in-house training from 18.07.2022 to 23.07.2022 in our company, with reference to partial fulfillment of the academic requirements.

All necessary details were provided from our side for the establishment of this in-house training.

We wish them the very best in all his future endeavours.

Thanking you,

With regards

HR Manager



**FUMES RENEWABLE ENERGY Pvt. Ltd.,**

NO.10/110, Brahmin St, Karambakkam, Buddhar Colony, Porur, Chennai, Tamil Nadu 600116

23/07/2022

**TO WHOM IT MAY CONCERN**

This is to certify that **M.HARIHARAN, S.BHARATHICHOZAN, S.SIVASUBRAMANIAM, K.ROOBAN, K.VEERAMANI** a students of **kings college of engineering, punalkulam** has successful/completed their in-house training from **18.07.2022 to 23.07.2022** in our company, with reference to partial fulfillment of the academic requirements.

All necessary details were provided from our side for the establishment of this in-house training.

We wish them the very best in all his future endeavours.

Thanking you,

With regards

HR Manager



ASHOK LEYLAND

## ASHOK LEYLAND

Madavaram Red Hills Rd, Grant Lyon, Puzhal, Chennai, Tamil Nadu 600052

Tel: 044 – 2220 6000 Fax: 044 – 2220 6001

Email id : [secretarial@ashokleyland.com](mailto:secretarial@ashokleyland.com)

---

23/07/2022

### TO WHOM IT MAY CONCERN

This is to certify that **PURUSOTHAMAN S, VEERAMANI R, BARATHBABU A, BALAVIGNESH D, GUNALP**, the students of **kings college of engineering, punalkulam** has successful/completed their in-house training from **18.07.2022 to 23.07.2022** in our company, with reference to partial fulfillment of the academic requirements.

All necessary details were provided from our side for the establishment of this in-house training.

We wish them the very best in all his future endeavours.

Thanking you,

With regards

Manager





ASHOK LEYLAND

## ASHOK LEYLAND

Madavaram Red Hills Rd, Grant Lyon, Puzhal, Chennai, Tamil Nadu 600052

Tel: 044 – 2220 6000 Fax: 044 – 2220 6001

Email id : [secretarial@ashokleyland.com](mailto:secretarial@ashokleyland.com)

---

23/07/2022

### TO WHOM IT MAY CONCERN

This is to certify that **PRAVEENKUMAR, S,HARIHARANM,NARENDRAN R,KALAIMUHILARASANS, GOPI G**, the students of **Kings College Of Engineering, Punalkulam** has successful/completed their in-house training from **18.07.2022 to 23.07.2022** in our company, with reference to partial fulfillment of the academic requirements.

All necessary details were provided from our side for the establishment of this in-house training.

We wish them the very best in all his future endeavours.

Thanking you,

With regards

Manager



ASHOK LEYLAND

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Madavaram Red Hills Rd, Grant Lyon, Puzhal, Chennai, Tamil Nadu 600052

Tel: 044 - 2220 6000 Fax: 044 - 2220 6001

Email id : [secretarial@ashokleyland.com](mailto:secretarial@ashokleyland.com)

---

23/07/2022

### TO WHOM IT MAY CONCERN

This is to certify that **ASHOKKUMAR KR ,VENKATESH S,VEERAGURU M,ABINESH P ARAVINDHAN G**, the students of **kings college of engineering, punalkulam** has successful/completed their in-house training from **18.07.2022 to 23.07.2022** in our company, with reference to partial fulfillment of the academic requirements.

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Thanking you,

With regards

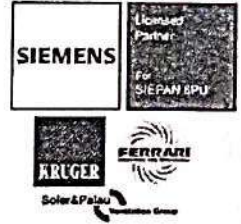
Manager



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Mfrs & Suppliers : SIEPAN 8PU, IEC61439 Type Tested Panels,  
Car Parking Basement Ventilation Systems,  
Solar Power Plant



Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. AATHI BUBESH A (821119114002) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

During the internship he demonstrated good skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the project successfully on time.

We wish him all the best for his future endeavors.

Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication

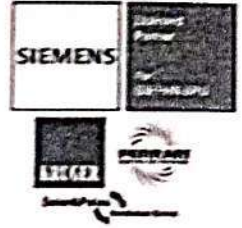




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Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. DINESH A (821119114010) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

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We wish him all the best for his future endeavors.

Warm regards,

For Ragavendra Controls (P) Ltd

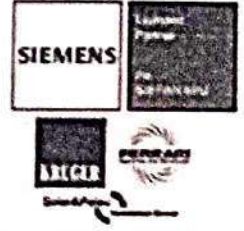
Manager - Mechanical Design and Fabrication



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Date: 23/07/2022

### TO WHOME IT MAY CONERN

This is to certify that Mr. MUTHUKUMAR K (S21119114023) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

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We wish him all the best for his future endeavors.

Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication

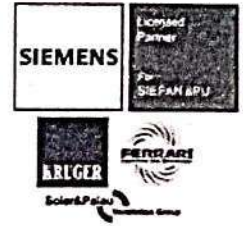




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Date: 23/07/2022

### TO WHOME IT MAY CONERN

This is to certify that Mr. PRIYADHARSAN L (821119114029) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

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We wish him all the best for his future endeavors.

Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication





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Solar Power Plant



Date: 23/07/2022

### TO WHOME IT MAY CONERN

This is to certify that Mr. SIVABALAN A (821119114036) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

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We wish him all the best for his future endeavors.

Warm regards,

For Ragavendra Controls (P) Ltd

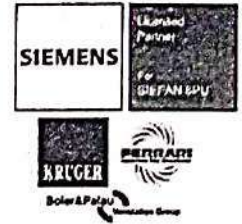
Manager - Mechanical Design and Fabrication



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Solar Power Plant



Date: 23/07/2022

### TO WHOME IT MAY CONERN

This is to certify that Mr. NITHISH A (821119114026) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

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Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication





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Solar Power Plant



Date: 23/07/2022

### TO WHOME IT MAY CONERN

This is to certify that Mr. HARISH GOWTHAM M (821119114017) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

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Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication

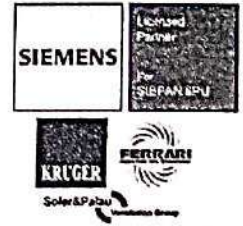




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Solar Power Plant



Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. HARIHARAN M (821119114015) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

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Warm regards,

For Ragavendra Controls (P) Ltd

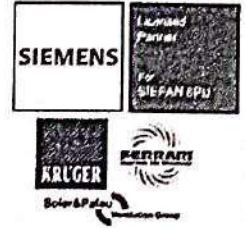
Manager - Mechanical Design and Fabrication



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Car Parking Basement Ventilation Systems,  
Solar Power Plant



Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. SYEDU USMANALI M (821119114037) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

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Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication

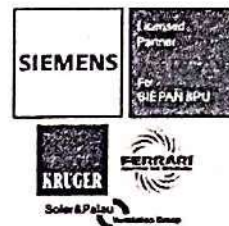




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Car Parking Basement Ventilation Systems,  
Solar Power Plant



Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. KISHORE R (821119114021) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

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Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication

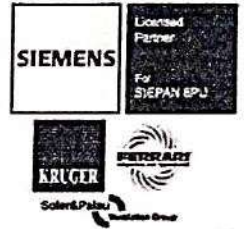




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Mfrs & Suppliers : SIEPAN 8PU, IEC61439 Type Tested Panels,  
Car Parking Basement Ventilation Systems,  
Solar Power Plant



Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. SATHIYASEELAN B (821119114035) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

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Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication



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Mfrs & Suppliers : SIEPAN 8PU, IEC61439 Type Tested Panels,  
Car Parking Basement Ventilation Systems,  
Solar Power Plant



Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. PRADEEPRAJAN S (821119114027) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

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Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication



# RAGAVENDRA CONTROLS (P) LTD

An ISO 9001 : 2015 Certified Company

Mfrs & Suppliers : SIEPAN 8PU, IEC61439 Type Tested Panels,  
Car Parking Basement Ventilation Systems,  
Solar Power Plant



Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. VIGNESHWARAN M (821119114042) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

During the internship he demonstrated good skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the project successfully on time.

We wish him all the best for his future endeavors.

Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication

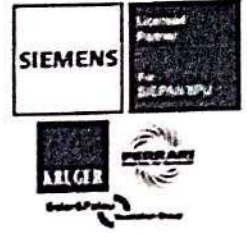




# RAGAVENDRA CONTROLS (P) LTD

An ISO 9001 : 2015 Certified Company

Mfrs & Suppliers : SIEPAN 8PU, IEC61439 Type Tested Panels,  
Car Parking Basement Ventilation Systems,  
Solar Power Plant



Date: 23/07/2022

## TO WHOME IT MAY CONERN

This is to certify that Mr. MULLAIVENDHAN G (821119114022) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

During the internship he demonstrated good skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the project successfully on time.

We wish him all the best for his future endeavors.

Warm regards,

For Ragavendra Controls (P) Ltd

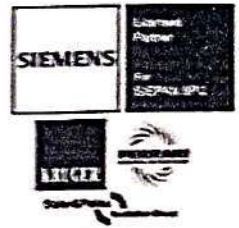
Manager - Mechanical Design and Fabrication



## RAGAVENDRA CONTROLS (P) LTD

An ISO 9001 : 2015 Certified Company

Mfrs & Suppliers : SIEPAN &PU, IEC61439 Type Tested Panels,  
Car Parking Basement Ventilation Systems,  
Solar Power Plant



Date: 23/07/2022

### TO WHOME IT MAY CONERN

This is to certify that Mr. IYAPPAN A (S21119114018) doing his 3<sup>rd</sup> year Mechanical Engineering in Kings College of Engineering has done his internship in M/S Ragavendra Controls (P) Ltd, Coimbatore from 18/07/2022 to 23/07/2022.

He has worked on a LT Switchgear panel Fabrication and Bus Bar bending activities both on design and physical activity for one of project. As part of the project, he learnt the metal fabrication work and Busbar bending work.

During the internship he demonstrated good skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the project successfully on time.

We wish him all the best for his future endeavors.

Warm regards,

For Ragavendra Controls (P) Ltd

Manager - Mechanical Design and Fabrication



# **TAMILNADU STATE TRANSPORT CORPORATION (KUMBAKONAM) LIMITED, KUMBAKONAM.**

(A Government of Tamilnadu undertaking)

**Regd. & Corporate Office :**  
27, Railway Station New Road,  
Kumbakonam - 612 001.

Telephone : (0435) - 2403724-25-26  
Fax : (0435) - 2403727  
E.Mail : tnstckum@gmail.com

## **TO WHOMSOEVER IT MAY CONCERN**

THIS IS TO CERTIFY THAT SELVAN SETHURAM.A,  
B.E(MECHANICAL ENGINEERING) II YEAR STUDENT OF THE KINGS  
COLLEGE OF ENGINEERING, PUNALKULAM HAS UNDERGONE INPLANT  
TRAINING AT R.C UNIT., KUMBAKONAM FROM 19.07.2023 TO 02.08.2023 ✓

For TAMILNADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM

  
DEPUTY MANAGER (PER & ADMIN)  
TAMIL NADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM - 6120001

PLACE : KUMBAKONAM

DATE : 04.08.2023







Ref: TFEIPL / HR / IPC / 16 / 23-24

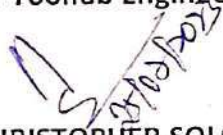
Date: 25.07.2023

## *Internship Programme Certificate*

This is to certify that **Mr.S.YOGESHWARAN**, Reg No : 821121114701 - a bonafide Student of the Department of B.E.MECHANICAL ENGINEERING, (2<sup>ND</sup> YEAR) , KINGS COLLEGE OF ENGINEERING , Punalkulam, Gandarvakottai TK, Pudukottai Dt - 613303 has undergone Internship Training Programme on INTERNSHIP TRAINING at TOOLFAB ENGINEERING INDUSTRIES (P) LTD,THUVAKUDI,TRICHY-620015 from 10/07/2023 to 24/07/2023 and we are pleased with his conduct and performance.

During the period of his Internship Program with us, he had been exposed to different processes and was found diligent, hard working and Inquisitive.

For Toolfab Engineering Industries ( Pvt ) Ltd.,

  
(CHRISTOPHER SOLOMON.T)  
MANAGER-HR



# **TAMILNADU STATE TRANSPORT CORPORATION (KUMBAKONAM) LIMITED, KUMBAKONAM.**

(A Government of Tamilnadu undertaking)

**Regd. & Corporate Office :**  
27, Railway Station New Road,  
Kumbakonam - 612 001.

Telephone : (0435) - 2403724-25-26  
Fax : (0435) - 2403727  
E.Mail : [tnstckum@gmail.com](mailto:tnstckum@gmail.com)

## **TO WHOMSOEVER IT MAY CONCERN**

THIS IS TO CERTIFY THAT SELVAN AKILAN P,  
B.E(MECHANICAL ENGINEERING) II YEAR STUDENT OF THE KINGS  
COLLEGE OF ENGINEERING, PUNALKULAM HAS UNDERGONE INPLANT  
TRAINING AT R.C UNIT., KUMBAKONAM FROM 19.07.2023 TO 02.08.2023

For TAMILNADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM

  
DEPUTY MANAGER (PER & ADMIN)  
TAMIL NADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM - 6120001

PLACE : KUMBAKONAM

DATE : 04.08.2023







03  
**SRI BRAMHA KITCHEN SERVICESS**

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. A. Alex** (Register No-821121114003)  
KINGS COLLEGE OF ENGINEERINGS in Punalkulam  
III BE (Mechanical Engineering) has undergone internship on  
**SRI BRAMHA KITCHEN SERVICESS** in my company for 6days,  
From (10.07.2023 -13.07.2022,17.07.2023,18.07.2023) He has been given  
exposure in areas of **INTERNSHIP**, He has taken the internship sincerely  
to my knowledge. He was punctual though out the internship period and  
showed keen interest learning.

I Wish him success in all walks of life.

PLACE : Trichy  
DATE :21.07.2023



21/07/23





DATE : 20.07.2023

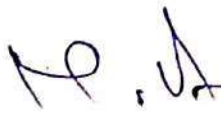
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. A.ALEX ( Reg no: 821121114003) student of KINGS COLLEGE OF ENGINEERING,PUNAKULAM. Department of Mechanical Engineering (Third year ) has completed Internship successfully From dt: 06.07.2023 to 08.07.2023 .

He has done his internship in the area of **PROCESS OF MACHINING INDUSTRY**  
**( LATHE , CNC & VMC )**

With Best Wishes!

**For PREETHI AUTOMATION**

Ref : BEPL/INT/2023-24/07/017

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that Mr.ALEX.A, B.E (Reg.No. 821121114003) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

V. Latha 15/07/23  
Authorized Signatory







**GAYATHRI**  
MANUFACTURING COMPANY



## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. A. Alex** (Register No-821121114003) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3 days, From (19.07.2023 -21.07.2022,) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY

  
Proprietor

PLACE : Trichy

DATE :21.07.2023

**All Kind of Fabrication, Machining, Tress Work, Ferrous & Non Ferrous, Furnitures & Stainless Steel Works.**

A1, Industrial Estate, Ariyamangalam, Trichy - 620 010. E : gmctrichy@gmail.com

P : 0431-2441392, M : 93451 01403, 99440 00667, 99444 46060





# SUN V TECHNOLOGY

## CNC/CAD/CAM SOLUTION

ISO 9001 : 2015 Certification

No.7, Dharani Nagar 8th Street, Ganapathypudur, Ganapathy Post, Coimbatore - 641 006

GSTIN : 33ADXP8629H1ZO

Mobile : +91 86107 42919

E-mail : sunvtechnology@gmail.com



### TO WHOMSOEVER IT MAY CONCERN

THIS IS TO CERTIFY THAT

NAME : Mr.C.ANBARASAN

REG NO : 821121114004

DEPT/YEAR : B.E – MECHANICAL / II YEAR

COLLEGE : KINGS COLLEGE OF ENGINEERING,  
PUNALKULAM,PUDUKKOTTAI-613303

TITLE : INTERNSHIP TRAINING

DURATION : 17.07.2023 To 02.08.2023

During this period, the student learned about the various Machines, CNC Programming, manufacturing methods and operations very well.

He was very punctual & active.



AUTHORIZED SIGNATORY



# SRI BRAMHA KITCHEN SERVICESS

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. R. Aswinkumar** (Register No-821121114005) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **SRI BRAMHA KITCHEN SERVICESS** in my company for 6days, From (06.07.2023 -08.07.2022,13.07.2023,17.07.2023,18.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

PLACE : Trichy  
DATE :21.07.2023



*Signature*  
21/07/23





DATE : 20.07.2023

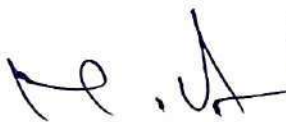
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. R.ASWINKUMAR ( Reg no: 821121114005) student of KINGS COLLEGE OF ENGINEERING, PUNAKULAM. Department of Mechanical Engineering (Third year ) has completed Internship successfully From dt: 10.07.2023 to 12.07.2023 .

He has done his internship in the area of PROCESS OF MACHINING INDUSTRY  
( LATHE , CNC & VMC)

With Best Wishes!

For PREETHI AUTOMATION



Ref : BEPL/INT/2023-24/07/020

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that Mr.ASWINKUMAR.R, B.E (Reg.No. 821121114005) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

*V. Lally*  
15/07/23  
Authorized Signatory\*





**GAYATHRI**  
MANUFACTURING COMPANY



## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. R. Aswinkumar** (Register No-821121114005) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3days, From (19.07.2023 -21.07.2022,) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY

  
Proprietor

PLACE : Trichy

DATE :21.07.2023

All Kind of Fabrication, Machining, Tress Work, Ferrous & Non Ferrous, Furnitures & Stainless Steel Works.

A1, Industrial Estate, Ariyamangalam, Trichy - 620 010. E : gmctrichy@gmail.com

P : 0431-2441392, M : 93451 01403, 99440 00667, 99444 46060





07  
**SRI BRAMHA KITCHEN SERVICESS**

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. P. Dhinakaran** (Register No-821121114007) KINGS COLLEGE OF ENGINEERINGS in Punalkulam III BE (Mechanical Engineering) has undergone internship on **SRI BRAMHA KITCHEN SERVICESS** in my company for 6days, From (10.07.2023 -13.07.2022,17.07.2023,18.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

PLACE : Trichy  
DATE :21.07.2023



21/07/23





DATE : 20.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. P.DHINAKARAN ( Reg no: 821121114007)  
student of KINGS COLLEGE OF ENGINEERING, PUNAKULAM. Department of Mechanical Engineering  
(Third year ) has completed Internship successfully From dt: 06.07.2023 to 08.07.2023 .

He has done his internship in the area of **PROCESS OF MACHINING INDUSTRY**  
**( LATHE , CNC & VMC )**

With Best Wishes!

**For PREETHI AUTOMATION**

Ref : BEPL/INT/2023-24/07/015

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that Mr.DHINAKARAN.P, B.E (Reg.No. 821121114007) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

Authorized Signatory







**GAYATHRI**  
MANUFACTURING COMPANY

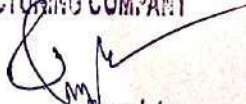


## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. P. Dhinakaran** (Register No-821121114007) KINGS COLLEGE OF ENGINEERINGS in Punalkulam III BE (Mechanical Engineering) has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3days, From (19.07.2023 -21.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY

  
Proprietor

PLACE : Trichy

DATE :21.07.2023



# **TAMILNADU STATE TRANSPORT CORPORATION (KUMBAKONAM) LIMITED, KUMBAKONAM.**

(A Government of Tamilnadu undertaking)

**Regd. & Corporate Office :**  
27, Railway Station New Road,  
Kumbakonam - 612 001.

Telephone : (0435) - 2403724-25-26  
Fax : (0435) - 2403727  
E.Mail : tnstckum@gmail.com

## **TO WHOMSOEVER IT MAY CONCERN**

THIS IS TO CERTIFY THAT SELVAN DINESH.K,  
B.E(MECHANICAL ENGINEERING) II YEAR STUDENT OF THE KINGS  
COLLEGE OF ENGINEERING, PUNALKULAM HAS UNDERGONE INPLANT  
TRAINING AT R.C UNIT., KUMBAKONAM FROM 19.07.2023 TO 02.08.2023

For TAMILNADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM

  
DEPUTY MANAGER (PER & ADMIN)  
TAMIL NADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM - 6120001

PLACE : KUMBAKONAM

DATE : 04.08.2023





Ref: TFEIPL / HR / IPC / 14 / 23-24

Date: 25.07.2023

## *Internship Programme Certificate*

This is to certify that **Mr.R.ELANTHENDRAL**, Reg No : 821121114010 - a bonafide Student of the Department of B.E.MECHANICAL ENGINEERING, (2<sup>ND</sup> YEAR) , KINGS COLLEGE OF ENGINEERING , Punalkulam, Gandarvakottai TK, Pudukottai Dt - 613303 has undergone Internship Training Programme on INTERNSHIP TRAINING at TOOLFAB ENGINEERING INDUSTRIES (P) LTD,THUVAKUDI,TRICHY-620015 from 10/07/2023 to 24/07/2023 and we are pleased with his conduct and performance.

During the period of his Internship Program with us, he had been exposed to different processes and was found diligent, hard working and Inquisitive.

For Toolfab Engineering Industries ( Pvt ) Ltd.,

*[Handwritten Signature]*  
25/07/2023

(CHRISTOPHER SOLOMON.T)  
MANAGER-HR





Certified Company  
ISO 9001 : 2015



**ameta**  
MetaPro

14/08/2023

## **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Mr.C.Janan Pandian**, a student of **KINGS COLLEGE OF ENGINEERING-PUNALKULAM** has completed a internship in the field of SHEET METAL FABRICATION AND POWDER COATING from 05/07/2023 to 12/08/2023 under the guidance of Mr.Pasupathi.

During the period of his internship program with us, He had been exposed to different processes and was found delight, hardworking and inquisitive.

We wish his every success in his life and career.

For **SAMETA METAL PRO PRIVATE LTD,**



Authorized Signatory

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### **SAMETA METAL PRO PRIVATE LIMITED.**

Chennai Unit:- DP 41, 2nd Main Road, Sidco Industrial Estate, Thirumudivakkam, Chennai - 600 044. Phone: +91 - 44 - 4386 3172  
Bengaluru Unit:- #228, 3rd Phase, Bommasandra Industrial Area, Bengaluru - 560 099. Phone: +91 - 97694 40639  
E-Mail: [info@sameta.in](mailto:info@sameta.in) Web: [www.sameta.in](http://www.sameta.in)





# SRI BRAMHA KITCHEN SERVICESS

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. M. Joseph Christoher** (Register No-821121114013) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **SRI BRAMHA KITCHEN SERVICESS** in my company for 6days, From (06.07.2023 -08.07.2022,13.07.2023,17.07.2023,18.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

PLACE : Trichy  
DATE :21.07.2023



*Signature*  
21/07/23



**PREETHI**  
**AUTOMATION**  
*Computer Aided Machining*

GSTIN : 33ARSPM7666HIZ5



DATE : 20.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr.M.JOSEPH CHRISTOBER ( Reg no: 821121114013) student of KINGS COLLEGE OF ENGINEERING,PUNAKULAM. Department of Mechanical Engineering (Third year ) has completed Internship successfully From dt: 10.07.2023 to 12.07.2023 .

He has done his internship in the area of **PROCESS OF MACHINING INDUSTRY**  
**( LATHE , CNC & VMC)**

With Best Wishes!

**For PREETHI AUTOMATION**




Ref : BEPL/INT/2023-24/07/023

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that **Mr.JOSEPH CHRISTOBER.M, B.E** (Reg.No. 821121114013) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

Authorized Signatory







**GAYATHRI**  
MANUFACTURING COMPANY

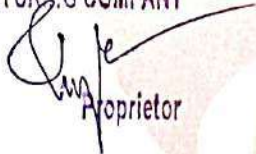


## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr . M. Joseph Christober** (Register No- 821121114013) **KINGS COLLEGE OF ENGINEERINGS** in **Punalkulam** **III BE (Mechanical Engineering)** has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3days, From (19.07.2023 -21.07.2022)He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY

  
Proprietor

PLACE : Trichy

DATE :21.07.2023

All Kind of Fabrication, Machining, Tress Work, Ferrous & Non Ferrous, Furnitures & Stainless Steel Works.

A1, Industrial Estate, Ariyamangalam, Trichy - 620 010. E : gmctrichy@gmail.com

P : 0431-2441392, M : 93451 01403, 99440 00667, 99444 46060



# SUN V TECHNOLOGY

## CNC/CAD/CAM SOLUTION

ISO 9001 : 2015 Certification

No.7, Dharani Nagar 8th Street, Ganapathypudur, Ganapathy Post, Coimbatore - 641 006

GSTIN : 33ADXPUS629H1ZO

Mobile : +91 86107 42919

E-mail : sunvtechnology@gmail.com



### TO WHOMSOEVER IT MAY CONCERN

THIS IS TO CERTIFY THAT

NAME : Mr.S.KALAIMARAN

REG NO : S21121114015

DEPT/YEAR : B.E - MECHANICAL / II YEAR

COLLEGE : KINGS COLLEGE OF ENGINEERING,  
PUNALKULAM,PUDUKKOTTAI-613303

TITLE : INTERNSHIP TRAINING

DURATION : 17.07.2023 To 02.08.2023

During this period, the student learned about the various Machines, CNC Programming, manufacturing methods and operations very well.

He was very punctual & active.



AUTHORIZED SIGNATORY





# ILAIYA ENGINEERING

THE BIGGEST SERVICE PROVIDER

PLOT NO : 12, RAJA STREET , BALAIAH GARDERN, MADIPAKKAM, CHENNAI- 600091

DATE : 31-07-2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **G.KARTHI [ 821121114016 ]** a Mechanical Engineering Student of the **Kings College of Engineering** has completed two weeks a summer internship at **ILAIYA ENGINEERING** The duration of the internship was from **01-07-23** to **30-07-23**.

His role was to familiarize himself with all the processes at the organization. He spent a significant amount of time in each department and learnt in depth.

During the period of his internship program with us, He had been exposed to different processes and was found diligent, hardworking and inquisitive.

We hope his time spent at **ILAIYA ENGINEERING** was fruitful. We wish him all the success in his future.

Issuing Person's Name : NITHIN.F

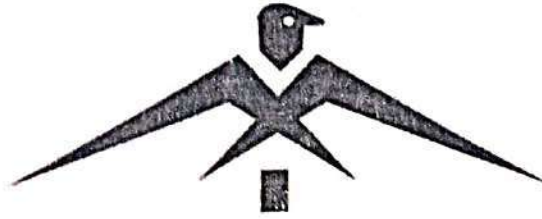
Signature :

Designation: Admin

FOR ILAIYA ENGINEERING







# ILAIYA ENGINEERING

THE BIGGEST SERVICE PROVIDER

PLOT NO : 12, RAJA STREET , BALAIAH GARDERN, MADIPAKKAM, CHENNAI- 600091

---

DATE : 31-07-2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that V.KIVESHWARAN [ 821121114018] a Mechanical Engineering Student of the Kings College of Engineering has completed two weeks a summer internship at ILAIYA ENGINEERING The duration of the internship was from 01-07-23 to 30-07-23.

His role was to familiarize himself with all the processes at the organization. He spent a significant amount of time in each department and learnt in depth.

During the period of his internship program with us, He had been exposed to different processes and was found diligent, hardworking and inquisitive.

We hope his time spent at ILAIYA ENGINEERING was fruitful. We wish him all the success in his future.

Issuing Person's Name: NITHIN.F

Signature :

Designation: Admin

FOR ILAIYA ENGINEERING





Ref: TFEIPL / HR / IPC / 17 / 23-24

Date: 25.07.2023

## *Internship Programme Certificate*

This is to certify that **Mr.R.MADHAN**, Reg No : 821121114019 - a bonafide Student of the Department of B.E.MECHANICAL ENGINEERING, (2<sup>ND</sup> YEAR) , KINGS COLLEGE OF ENGINEERING , Punalkulam, Gandarvakottai TK, Pudukottai Dt - 613303 has undergone Internship Training Programme on INTERNSHIP TRAINING at TOOLFAB ENGINEERING INDUSTRIES (P) LTD,THUVAKUDI,TRICHY-620015 from 10/07/2023 to 24/07/2023 and we are pleased with his conduct and performance.

During the period of his Internship Program with us, he had been exposed to different processes and was found diligent, hard working and Inquisitive.

For Toolfab Engineering Industries ( Pvt ) Ltd.,

(CHRISTOPHER SOLOMON.T)  
MANAGER-HR





Certified Company  
ISO 9001 : 2015



**ameta**  
MetaPro

14/08/2023

## **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Mr.R.Manikandan**, a student of **KINGS COLLEGE OF ENGINEERING-PUNALKULAM** has completed a internship in the field of SHEET METAL FABRICATION AND POWDER COATING from 05/07/2023 to 12/08/2023 under the guidance of Mr.Pasupathi.

During the period of his internship program with us, He had been exposed to different processes and was found delight, hardworking and inquisitive.

We wish his every success in his life and career.

For **SAMETA METAL PRO PRIVATE LTD,**



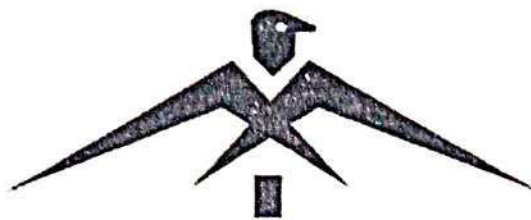
**Authorized Signatory**

---

### **SAMETA METAL PRO PRIVATE LIMITED.**

Chennai Unit:- DP 41, 2nd Main Road, Sidco Industrial Estate, Thirumudivakkam, Chennai - 600 044. Phone: +91 - 44 - 4386 3172  
Bengaluru Unit:- #228, 3rd Phase, Bommasandra Industrial Area, Bengaluru - 560 099. Phone: +91 - 97694 40639  
E-Mail: [info@sameta.in](mailto:info@sameta.in) Web: [www.sameta.in](http://www.sameta.in)





# ILAIYA ENGINEERING

THE BIGGEST SERVICE PROVIDER

PLOT NO : 12, RAJA STREET , BALAIAH GARDEN, MADIPAKKAM, CHENNAI- 600091

---

DATE : 31-07-2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that S.MANIKANDAN [ 821121114021] a Mechanical Engineering Student of the Kings College of Engineering has completed two weeks a summer internship at ILAIYA ENGINEERING The duration of the internship was from 01-07-23 to 30-07-23.

His role was to familiarize himself with all the processes at the organization. He spent a significant amount of time in each department and learnt in depth.

During the period of his internship program with us, He had been exposed to different processes and was found diligent, hardworking and inquisitive.

We hope his time spent at ILAIYA ENGINEERING was fruitful. We wish him all the success in his future.

Issuing Person's Name : MITHIN.F

Signature :

Designation: Admin

FOR ILAIYA ENGINEERING





**GAYATHRI**  
MANUFACTURING COMPANY



## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr . S. Manikandan** (Register No-821121114022) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3days, From (19.07.2023 - 21.07.2022) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY

  
Proprietor

PLACE : Trichy

DATE :21.07.2023

Ref : BEPL/INT/2023-24/07/024

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that Mr.MANIKANDAN.S, B.E (Reg.No. 821121114022) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

*V. Lally*  
15/07/2023  
Authorized Signatory







DATE : 20.07.2023

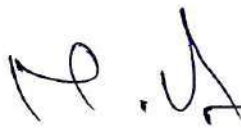
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. S.MANIKANDAN ( Reg no: 821121114022)  
student of KINGS COLLEGE OF ENGINEERING,PUNAKULAM. Department of Mechanical Engineering  
(Third year ) has completed Internship successfully From dt: 10.07.2023 to 12.07.2023 .

He has done his internship in the area of **PROCESS OF MACHINING INDUSTRY**  
**( LATHE , CNC & VMC )**

With Best Wishes!

**For PREETHI AUTOMATION**




# SRI BRAMHA KITCHEN SERVICESS

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr . S. Manikandan** (Register No-821121114022) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **SRI BRAMHA KITCHEN SERVICESS** in my company for 6days, From (06.07.2023 - 08.07.2022,13.07.2023,17.07.2023,18.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

PLACE : Trichy  
DATE :21.07.2023



Copy  
21/07/23





# SRI BRAMHA KITCHEN SERVICESS

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

(21)

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. D. Maniraj** (Register No-821121114024) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **SRI BRAMHA KITCHEN SERVICESS** in my company for 6days, From (10.07.2023 -13.07.2022,17.07.2023,18.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

PLACE : Trichy  
DATE :21.07.2023



*Signature*  
21/07/23





**PREETHI**  
**AUTOMATION**  
*Computer Aided Machining*

GSTIN : 33ARSPM7666HIZ5



DATE : 20.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. D.MANIRAJ ( Reg no: 821121114024) student of KINGS COLLEGE OF ENGINEERING,PUNAKULAM. Department of Mechanical Engineering (Third year ) has completed Internship successfully From dt: 06.07.2023 to 08.07.2023 .

He has done his internship in the area of **PROCESS OF MACHINING INDUSTRY**  
**( LATHE , CNC & VMC )**

With Best Wishes!

**For PREETHI AUTOMATION**

*NP.A*

Ref : BEPL/INT/2023-24/07/016

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that Mr.MANIRAJ.D, B.E (Reg.No. 821121114024) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

Authorized Signatory







**GAYATHRI**  
MANUFACTURING COMPANY

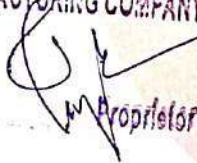


## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. D. Maniraj** (Register No-821121114024) KINGS COLLEGE OF ENGINEERINGS in Punalkulam III BE (Mechanical Engineering) has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3days, From (19.07.2023 -21.07.2022,) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY

  
Proprietor

PLACE : Trichy  
DATE :21.07.2023

All Kind of Fabrication, Machining, Tress Work, Ferrous & Non Ferrous, Furnitures & Stainless Steel Works.

A1, Industrial Estate, Ariyamangalam, Trichy - 620 010. E : gmctrichy@gmail.com

P : 0431-2441392, M : 93451 01403, 99440 00667, 99444 46060





Ref: TFEIPL / HR / IPC / 12 / 23-24

Date: 25.07.2023

## *Internship Programme Certificate*

This is to certify that **Mr.M.NIRAIVAN**, Reg No : **821121114028** - a bonafide Student of the Department of B.E.MECHANICAL ENGINEERING, ( 2<sup>ND</sup> YEAR ), KINGS COLLEGE OF ENGINEERING , Punalkulam, Gandarvakottai TK, Pudukottai Dt - 613303 has undergone Internship Training Programme on INTERNSHIP TRAINING at TOOLFAB ENGINEERING INDUSTRIES (P) LTD,THUVAKUDI,TRICHY-620015 from 10/07/2023 to 24/07/2023 and we are pleased with his conduct and performance.

During the period of his Internship Program with us, he had been exposed to different processes and was found diligent, hard working and Inquisitive.

For Toolfab Engineering Industries ( Pvt ) Ltd.,

  
(CHRISTOPHER SOLOMON.T)  
MANAGER-HR





DATE : 20.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr.D.NIRMAL ( Reg no: 821121114029) student of KINGS COLLEGE OF ENGINEERING,PUNAKULAM. Department of Mechanical Engineering (Third year ) has completed Internship successfully From dt: 06.07.2023 to 08.07.2023 .

He has done his internship in the area of **PROCESS OF MACHINING INDUSTRY**  
**( LATHE , CNC & VMC )**

With Best Wishes!

**For PREETHI AUTOMATION**

*Handwritten signature*

Ref : BEPL/INT/2023-24/07/018

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that Mr.NIRMAL.D, B.E (Reg.No. 821121114029) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

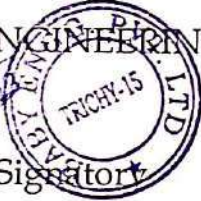
His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

Authorized Signatory







# SRI BRAMHA KITCHEN SERVICESS

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. D. Nirmal** (Register No-821121114029) KINGS COLLEGE OF ENGINEERINGS in Punalkulam III BE (Mechanical Engineering) has undergone internship on **SRI BRAMHA KITCHEN SERVICESS** in my company for 6days, From (10.07.2023 -13.07.2022,17.07.2023,18.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

PLACE : Trichy  
DATE :21.07.2023



21/9-  
21/07/23



**GAYATHRI**  
MANUFACTURING COMPANY



## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. D. Nirmal** (Register No-821121114029) KINGS COLLEGE OF ENGINEERINGS in Punalkulam III BE (Mechanical Engineering) has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3 days, From (19.07.2023 -21.07.2022,) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY

  
Proprietor

PLACE : Trichy

DATE :21.07.2023

All Kind of Fabrication, Machining, Tress Work, Ferrous & Non Ferrous, Furnitures & Stainless Steel Works.

A1, Industrial Estate, Ariyamangalam, Trichy - 620 010. E : gmctrichy@gmail.com

P : 0431-2441392, M : 93451 01403, 99440 00667, 99444 46060



26/07/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. NITHISHKUMAR R ( Register No: 821121114030 ) studying II<sup>nd</sup> Year B.E Mechanical Engineering from Kings College of Engineering, Punalkulam, Gandarvakottai has undergone Inplant Training in our organisation for exposure and understanding of Fundamental Concepts and Environment System during the period from 12.07.2023 to 26.07.2023.

During the Inplant training period his conduct was good.

We wish him all success.

For TVS MOBILITY PRIVATE LIMITED

*P. Sentamilan*

SENTAMILAN.D

ASST MANAGER - HR & OPERATIONS



**TVS Mobility Private Limited**

Registered Office • No. 10, Jawahar Road, Chokkikulam, Madurai - 625 002  
CIN U50400TN2018PTC121056





Ref: TFEIPL / HR / IPC / 13 / 23-24

Date: 25.07.2023

## *Internship Programme Certificate*

This is to certify that **Mr.R.NIVAS KHAN**, Reg No : 821121114031 - a bonafide Student of the Department of B.E.MECHANICAL ENGINEERING, (2<sup>ND</sup> YEAR) , KINGS COLLEGE OF ENGINEERING , Punalkulam, Gandarvakottai TK, Pudukottai Dt - 613303 has undergone Internship Training Programme on INTERNSHIP TRAINING at TOOLFAB ENGINEERING INDUSTRIES (P) LTD,THUVAKUDI,TRICHY-620015 from 10/07/2023 to 24/07/2023 and we are pleased with his conduct and performance.

During the period of his Internship Program with us, he had been exposed to different processes and was found diligent, hard working and Inquisitive.

For Toolfab Engineering Industries ( Pvt ) Ltd.,

(CHRISTOPHER SOLOMON.T)  
MANAGER-HR





Certified Company  
ISO 9001 : 2015



**ameta**  
MetaPro

14/08/2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr.S.Ragul**, a student of **KINGS COLLEGE OF ENGINEERING-PUNALKULAM** has completed a internship in the field of **SHEET METAL FABRICATION AND POWDER COATING** from **05/07/2023** to **12/08/2023** under the guidance of **Mr.Pasupathi**.

During the period of his internship program with us, He had been exposed to different processes and was found delight, hardworking and inquisitive.

We wish his every success in his life and career.

For **SAMETA METAL PRO PRIVATE LTD,**



Authorized Signatory

---

### **SAMETA METAL PRO PRIVATE LIMITED.**

Chennai Unit:- DP 41, 2nd Main Road, Sidco Industrial Estate, Thirumudivakkam, Chennai - 600 044. Phone: +91 - 44 - 4386 3172  
Bengaluru Unit:- #228, 3rd Phase, Bommasandra Industrial Area, Bengaluru - 560 099. Phone: +91 - 97694 40639  
E-Mail: [info@sameta.in](mailto:info@sameta.in) Web: [www.sameta.in](http://www.sameta.in)



# SRI BRAMHA KITCHEN SERVICESS

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

30

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr . R. Rajeshkumar** (Register No-821121114035) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **SRI BRAMHA KITCHEN SERVICESS** in my company for 6days, From (10.07.2023 -13.07.2022,17.07.2023,18.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.



21/07/23

PLACE : Trichy  
DATE :21.07.2023





DATE : 20.07.2023

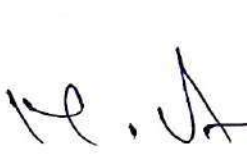
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. R.RAJESHKUMAR ( Reg no: 821121114035)  
student of KINGS COLLEGE OF ENGINEERING, PUNAKULAM. Department of Mechanical Engineering  
(Third year ) has completed Internship successfully From dt: 10.07.2023 to 12.07.2023 .

He has done his internship in the area of **PROCESS OF MACHINING INDUSTRY**  
**( LATHE , CNC & VMC )**

With Best Wishes!

For PREETHI AUTOMATION


Ref : BEPL/INT/2023-24/07/021

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that Mr.RAJESHKUMAR.R, B.E (Reg.No. 821121114035) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

Authorized Signatory





**GAYATHRI**  
MANUFACTURING COMPANY



## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. R. Rajeshkumar** (Register No-821121114035) **KINGS COLLEGE OF ENGINEERINGS** in Punalkulam III BE (Mechanical Engineering) has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3days, From (19.07.2023 -21.07.2022,) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY

  
Proprietor

PLACE : Trichy  
DATE :21.07.2023

All Kind of Fabrication, Machining, Tress Work, Ferrous & Non Ferrous, Furnitures & Stainless Steel Works.

A1, Industrial Estate, Ariyamangalam, Trichy - 620 010. E : gmctrichy@gmail.com

P : 0431-2441392, M : 93451 01403, 99440 00667, 99444 46060





# SUN V TECHNOLOGY

## CNC/CAD/CAM SOLUTION

ISO 9001 : 2015 Certification

No.7, Dharani Nagar 8th Street, Ganapathypudur, Ganapathy Post, Coimbatore - 641 006

GSTIN : 33ADXP8629H1ZO

Mobile : +91 86107 42919

E-mail : sunvtechnology@gmail.com



### TO WHOMSOEVER IT MAY CONCERN

THIS IS TO CERTIFY THAT

NAME : Mr.R.RIBAYDEEN

REG NO : 821121114036

DEPT/YEAR : B.E – MECHANICAL / II YEAR

COLLEGE : KINGS COLLEGE OF ENGINEERING,  
PUNALKULAM,PUDUKKOTTAI-613303

TITLE : INTERNSHIP TRAINING

DURATION : 17.07.2023 To 02.08.2023

During this period, the student learned about the various Machines, CNC Programming, manufacturing methods and operations very well.

He was very punctual & active.



  
AUTHORIZED SIGNATORY

26/07/2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. RISHIVARAN C ( Register No: 821121114037 )** studying II<sup>nd</sup> Year **B.E Mechanical Engineering** from **Kings College of Engineering, Punalkulam, Gandarvakottai** has undergone Inplant Training in our organisation for exposure and understanding of Fundamental Concepts and Environment System during the period from **12.07.2023 to 26.07.2023.**

During the Inplant training period his conduct was good.

We wish him all success.

**For TVS MOBILITY PRIVATE LIMITED**

*D. Sentamilan*

**SENTAMILAN.D**

**ASST MANAGER - HR & OPERATIONS**



**TVS Mobility Private Limited**

Registered Office • No. 10, Jawahar Road, Chokkikulam, Madurai - 625 002  
CIN U50400TN2018PTC121056



# **TAMILNADU STATE TRANSPORT CORPORATION (KUMBAKONAM) LIMITED, KUMBAKONAM.**

(A Government of Tamilnadu undertaking)

**Regd. & Corporate Office :**  
27, Railway Station New Road,  
Kumbakonam - 612 001.

Telephone : (0435) - 2403724-25-26  
Fax : (0435) - 2403727  
E.Mail : tnstckum@gmail.com

## **TO WHOMSOEVER IT MAY CONCERN**

THIS IS TO CERTIFY THAT SELVAN SANTHOSH.R,  
B.E(MECHANICAL ENGINEERING) II YEAR STUDENT OF THE KINGS  
COLLEGE OF ENGINEERING, PUNALKULAM HAS UNDERGONE INPLANT  
TRAINING AT R.C UNIT., KUMBAKONAM FROM 19.07.2023 TO 02.08.2023

For TAMILNADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM

  
DEPUTY MANAGER (PER & ADMIN)  
TAMIL NADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM - 6120001

**PLACE : KUMBAKONAM**

**DATE : 04.08.2023**







# SUN V TECHNOLOGY

## CNC/CAD/CAM SOLUTION

ISO 9001 : 2015 Certification

No.7, Dharani Nagar 8th Street, Ganapathypudur, Ganapathy Post, Coimbatore - 641 006

GSTIN : 33ADXP8629H1ZO

Mobile : +91 86107 42919

E-mail : sunvtechnology@gmail.com



### TO WHOMSOEVER IT MAY CONCERN

THIS IS TO CERTIFY THAT

NAME : Mr.K.SATHISH

REG NO : 821121114041

DEPT/YEAR : B.E – MECHANICAL / II YEAR

COLLEGE : KINGS COLLEGE OF ENGINEERING,  
PUNALKULAM,PUDUKKOTTAI-613303

TITLE : INTERNSHIP TRAINING

DURATION : 17.07.2023 To 02.08.2023

During this period, the student learned about the various Machines, CNC Programming, manufacturing methods and operations very well.

He was very punctual & active.



  
AUTHORIZED SIGNATORY

# **TAMILNADU STATE TRANSPORT CORPORATION (KUMBAKONAM) LIMITED, KUMBAKONAM.**

(A Government of Tamilnadu undertaking)

**Regd. & Corporate Office :**  
27, Railway Station New Road,  
Kumbakonam - 612 001.

Telephone : (0435) - 2403724-25-26  
Fax : (0435) - 2403727  
E.Mail : tnstckum@gmail.com

## **TO WHOMSOEVER IT MAY CONCERN**

THIS IS TO CERTIFY THAT SELVAN SELVA.S,  
B.E(MECHANICAL ENGINEERING) II YEAR STUDENT OF THE KINGS  
COLLEGE OF ENGINEERING, PUNALKULAM HAS UNDERGONE INPLANT  
TRAINING AT R.C UNIT., KUMBAKONAM FROM 19.07.2023 TO 02.08.2023

For TAMILNADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM

  
DEPUTY MANAGER (PER & ADMIN)  
TAMIL NADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM - 6120001

PLACE : KUMBAKONAM

DATE : 04.08.2023







Certified Company  
ISO 9001 : 2015



**ameta**  
MetaPro

14/08/2023

## **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Mr.S.Selvendhiran**, a student of **KINGS COLLEGE OF ENGINEERING-PUNALKULAM** has completed a internship in the field of SHEET METAL FABRICATION AND POWDER COATING from 05/07/2023 to 12/08/2023 under the guidance of Mr.Pasupathi.

During the period of his internship program with us, He had been exposed to different processes and was found delight, hardworking and inquisitive.

We wish his every success in his life and career.

For **SAMETA METAL PRO PRIVATE LTD,**



  
Authorized Signatory

---

### **SAMETA METAL PRO PRIVATE LIMITED.**

Chennai Unit:- DP 41, 2nd Main Road, Sidco Industrial Estate, Thirumudivakkam, Chennai - 600 044. Phone: +91 - 44 - 4386 3172

Bengaluru Unit:- #228, 3rd Phase, Bommasandra Industrial Area, Bengaluru - 560 099. Phone: +91 - 97694 40639

E-Mail: [info@sameta.in](mailto:info@sameta.in) Web: [www.sameta.in](http://www.sameta.in)



# **TAMILNADU STATE TRANSPORT CORPORATION (KUMBAKONAM) LIMITED, KUMBAKONAM.**

(A Government of Tamilnadu undertaking)

**Regd. & Corporate Office :**  
27, Railway Station New Road,  
Kumbakonam - 612 001.

Telephone : (0435) - 2403724-25-26  
Fax : (0435) - 2403727  
E.Mail : tnstckum@gmail.com

## **TO WHOMSOEVER IT MAY CONCERN**

THIS IS TO CERTIFY THAT SELVAN SIVA.A,  
B.E(MECHANICAL ENGINEERING) II YEAR STUDENT OF THE KINGS  
COLLEGE OF ENGINEERING, PUNALKULAM HAS UNDERGONE INPLANT  
TRAINING AT R.C UNIT., KUMBAKONAM FROM 19.07.2023 TO 02.08.2023

For TAMILNADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM

  
DEPUTY MANAGER (PER & ADMIN)  
TAMIL NADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM -6120001

PLACE : KUMBAKONAM

DATE : 04.08.2023





# ARIGNAR ANNA SUGAR MILLS



AN ISO 9001 : 2008 CERTIFIED INDUSTRY  
(UNIT OF TAMIL NADU SUGAR CORPORATION LIMITED)  
(A Govt. of Tamilnadu Undertaking)  
KURUNGULAM - 613 303. THANJAVUR.

**Tmt.G. SENTHILKHUMARI, B.Sc.,  
DISTRICT REVENUE OFFICER/  
CHIEF EXECUTIVE.**

Ref.No.Estt/3033/2023/E2

Date: 11.08.2023

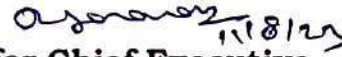
## COMPLETION CERTIFICATE

Respected Sir/Madam,

This is to certify that Selvan S.SRIDHAR  
(Reg.No.821121114046) is studying Mechanical Engineering II year  
in KINGS COLLEGE OF ENGINEERING, PUDUKOTTAI. He has  
completed his Internship training in our Organization 14 days from .  
17.07.2023 to 02.08 .2023.

This certificate is issued for academic purpose only.

**for ARIGNAR ANNA SUGAR MILLS,**

  
**for Chief Executive.**

  
11/8/2023

# **TAMILNADU STATE TRANSPORT CORPORATION (KUMBAKONAM) LIMITED, KUMBAKONAM.**

(A Government of Tamilnadu undertaking)

**Regd. & Corporate Office :**  
27, Railway Station New Road,  
Kumbakonam – 612 001.

Telephone : (0435) – 2403724-25-26  
Fax : (0435) – 2403727  
E.Mail : tnstckum@gmail.com

## **TO WHOMSOEVER IT MAY CONCERN**

THIS IS TO CERTIFY THAT SELVAN SURESH.K,  
B.E(MECHANICAL ENGINEERING) II YEAR STUDENT OF THE KINGS  
COLLEGE OF ENGINEERING, PUNALKULAM HAS UNDERGONE INPLANT  
TRAINING AT R.C UNIT., KUMBAKONAM FROM 19.07.2023 TO 02.08.2023

For TAMILNADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM

  
DEPUTY MANAGER (PER & ADMIN)  
TAMIL NADU STATE TRANSPORT  
CORPORATION (KUM) LTD.,  
KUMBAKONAM - 6120001

**PLACE : KUMBAKONAM**

**DATE : 04.08.2023**





**ARIGNAR ANNA SUGAR MILLS**

AN ISO 9001 : 2008 CERTIFIED INDUSTRY  
(UNIT OF TAMIL NADU SUGAR CORPORATION LIMITED)  
(A Govt. of Tamilnadu Undertaking)  
KURUNGULAM - 613 303. THANJAVUR.

**Tmt.G. SENTHILKHUMARI, B.Sc,  
DISTRICT REVENUE OFFICER/  
CHIEF EXECUTIVE.**

Ref.No.Estt/3033/2023/E2

Date: 11.08.2023

**COMPLETION CERTIFICATE**

Respected Sir/Madam,

This is to certify that Selvan R.VEERAKUMAR  
(Reg.No.821121114048) is studying Mechanical Engineering II year  
in KINGS COLLEGE OF ENGINEERING, PUDUKOTTAI. He has  
completed his Internship training in our Organization 14 days from .  
17.07.2023 to 02.08 .2023.

This certificate is issued for academic purpose only.

**for ARIGNAR ANNA SUGAR MILLS,**

*[Signature]*  
11/8/23  
**for Chief Executive.**

*V. Joy*  
11/8/2023

AnISO 9001:2008  
Certified Industry**ARIGNAR ANNA SUGAR MILLS**

AN ISO 9001 : 2008 CERTIFIED INDUSTRY  
(UNIT OF TAMIL NADU SUGAR CORPORATION LIMITED)  
(A Govt. of Tamilnadu Undertaking)  
KURUNGULAM - 613 303. THANJAVUR.



**Tmt.G. SENTHILKHUMARI, B.Sc,**  
**DISTRICT REVENUE OFFICER/**  
**CHIEF EXECUTIVE.**

Ref.No.Estt/3033/2023/E2

Date: 11.08.2023

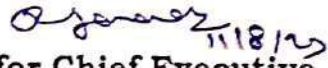
**COMPLETION CERTIFICATE**

Respected Sir/Madam,

This is to certify that Selvan M.ARAVINDAN  
(Reg.No.821121114301) is studying Mechanical Engineering II year  
in KINGS COLLEGE OF ENGINEERING, PUDUKOTTAI. He has  
completed his Internship training in our Organization 14 days from .  
17.07.2023 to 02.08 .2023.

This certificate is issued for academic purpose only.

for ARIGNAR ANNA SUGAR MILLS,

  
for Chief Executive.

11.08/23  
11/8/2023

**ARIGNAR ANNA SUGAR MILLS**

AN ISO 9001 : 2008 CERTIFIED INDUSTRY  
(UNIT OF TAMIL NADU SUGAR CORPORATION LIMITED)  
(A Govt. of Tamilnadu Undertaking)  
KURUNGULAM - 613 303. THANJAVUR.



**Tmt.G. SENTHILKHUMARI, B.Sc,  
DISTRICT REVENUE OFFICER/  
CHIEF EXECUTIVE.**

Ref.No.Estt/3033/2023/E2

Date: 11.08.2023

**COMPLETION CERTIFICATE**

Respected Sir/Madam,

This is to certify that Selvan V.BHARANI ABISHEIK  
(Reg.No.821121114302) is studying Mechanical Englnearing II year  
in KINGS COLLEGE OF ENGINEERING, PUDUKOTTAI. He has  
completed his Internship training in our Organization 14 days from .  
17.07.2023 to 02.08 .2023.

This certificate is issued for academic purpose only.

**for ARIGNAR ANNA SUGAR MILLS,**

*[Signature]*  
11/8/23  
**for Chief Executive.**

*V. Jagan*  
11/8/2023





# MechMak

MechMak CNC India Pvt Ltd

Reg. No. 436D/397 Raja Street, Coimbatore - 641 001

Factory Address: 7/51-J-2, Site No. 18

Balaji Industrial Estate,

Keeranatham, Coimbatore - 641 035, Tamil Nadu

GST: 33AAJCM9913G1ZC

43

DATE: 31-07-2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. G. BHARANIDHARAN (821121114303) B.E., Third Year Mechanical Engineering (Fourth Semester Summer Holidays) Student of Institution Kings College of Engineering, Punalkulam, Thanjavur has undergoes Internship Program in our Industry for Computer Numerical Control System during the period from 19 June to 31 July (42 Days)

During the said period of his training he was punctual and sincere and he met various heads of the departments and assimilated the date required for this training.

We wish him all success in this future endeavours.

MechMak CNC (INDIA) PVT. LTD.  
Regd. Office 436D/397, Raja Street  
COIMBATORE - 641 001.

for MechMak CNC India Pvt Ltd

  
D. Sivakumar, 31/7/23  
Director



# SRI BRAMHA KITCHEN SERVICESS

AN ISO 9001:2015 CERTIFIED COMPANY GST: 33ABXFS6917N127

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. R. Hariharan** (Register No-821121114304) KINGS COLLEGE OF ENGINEERINGS in Punalkulam III BE (Mechanical Engineering) has undergone internship on **SRI BRAMHA KITCHEN SERVICESS** in my company for 6days, From (10.07.2023 -13.07.2022,17.07.2023,18.07.2023) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

PLACE : Trichy  
DATE :21.07.2023



*Signature*  
21/07/23





**GAYATHRI**  
MANUFACTURING COMPANY



## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. R. Hariharan** (Register No-821121114304) KINGS COLLEGE OF ENGINEERINGS in Punalkulam III BE (Mechanical Engineering) has undergone internship on **GAYATHRI MANUFACTURING COMPANY** in my company for 3days, From (19.07.2023 -21.07.2022) He has been given exposure in areas of **INTERNSHIP**, He has taken the internship sincerely to my knowledge. He was punctual though out the internship period and showed keen interest learning.

I Wish him success in all walks of life.

For GAYATHRI MANUFACTURING COMPANY  
  
Proprietor

PLACE : Trichy  
DATE :21.07.2023

All Kind of Fabrication, Machining, Tress Work, Ferrous & Non Ferrous, Furnitures & Stainless Steel Works.

A1, Industrial Estate, Ariyamangalam, Trichy - 620 010. E : gmctrichy@gmail.com

P : 0431-2441392, M : 93451 01403, 99440 00667, 99444 46060





DATE : 20.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. R. HARI HARAN ( Reg no: 821121114304) student of KINGS COLLEGE OF ENGINEERING, PUNAKULAM. Department of Mechanical Engineering (Third year) has completed Internship successfully From dt: 06.07.2023 to 08.07.2023 .

He has done his internship in the area of **PROCESS OF MACHINING INDUSTRY**  
**( LATHE , CNC & VMC)**

With Best Wishes!

**For PREETHI AUTOMATION**

Ref : BEPL/INT/2023-24/07/019

Date : 15.07.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is certify that Mr.HARIHARAN.R, B.E (Reg.No. 821121114304) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 2 days during the period 14.07.2023 to 15.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

Authorized Signatory





**BABY ENGINEERING PRIVATE LIMITED**

Ref : BEPL/INT/2023-24/07/008

Date : 08.07.2023

TO WHOMSOEVER IT MAY CONCERN

This is certify that Mr.S.KINCILY, B.E (Reg.No. 821121114305) student of Kings College of Engineering, Punalkulam, Pudukottai has done his Internship Training at our company for 15 days during the period 22.06.2023 to 08.07.2023.

His performance during the training was good and satisfactory.

Thanking you,

Yours faithfully,

For BABY ENGINEERING PRIVATE LIMITED

Authorized Signatory



AN ISO 9001 / 2015 CERTIFIED COMPANY  
E-37, D.P.Estate, Thuvakudi, Tiruchirapalli - 620015.  
P.B.No.1233,Tamilnadu, India.

Ph : 91-431-2500800, Fax : 91-431-2500012.  
E-mail : babyengg@gmail.com & info@babyengg.com  
Website : www.babyengg.com.



Range : THIRUVERUMBER  
Division : CGST & CENTRAL EXCISE  
I - DIVISION, TIRUCHIRAPALLI - 620 001.  
Tamilnadu, India.

PAN : AACCB0703C  
GSTIN : 33AACCB0703C1Z0  
CIN : U17124TN1993PTC026376  
SSI No : 330151201022 Part II Dt.25-01-2008



AnISO 9001:2008  
Certified Industry**ARIGNAR ANNA SUGAR MILLS**

AN ISO 9001 : 2008 CERTIFIED INDUSTRY

(UNIT OF TAMIL NADU SUGAR CORPORATION LIMITED)

(A Govt. of Tamilnadu Undertaking)

KURUNGULAM - 613 303. THANJAVUR.

**Tmt.G. SENTHILKHUMARI, B.Sc,  
DISTRICT REVENUE OFFICER/  
CHIEF EXECUTIVE.**

Ref.No.Estt/3033/2023/E2

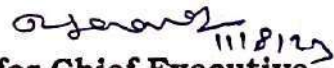
Date: 11.08.2023

**COMPLETION CERTIFICATE**

Respected Sir/Madam,

This is to certify that Selvan M.PRAKASH  
(Reg.No.821121114306) is studying Mechanical Engineering II year  
in KINGS COLLEGE OF ENGINEERING, PUDUKOTTAI. He has  
completed his Internship training in our Organization 14 days from .  
17.07.2023 to 02.08 .2023.

This certificate is issued for academic purpose only.

**for ARIGNAR ANNA SUGAR MILLS,**  
**for Chief Executive.**V. Jay  
11/8/2023

DATE: 31-07-2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **SABARIRAJ S [821121114307]** a Mechanical Engineering Student of the Kings College of Engineering has completed four weeks a summer internship at **NIKITH LAND AND PROPERTY DEVELOPERS LLP** The duration of the internship was from 01-07-23 to 30-07-23.

His role was to familiarize himself with all the processes at the organization. He spent a significant amount of time in each department and learnt in depth.

During the period of his internship program with us, He had been exposed to different processes and was found diligent, hardworking and inquisitive

We hope his time spent at **NIKITH LAND AND PROPERTY DEVELOPERS LLP** was fruitful. We wish him all the success in his future.

**FOR NIKITH LAND AND PROPERTY DEVELOPERS**

Issuing Person's Name:

**MANIMARAN.S**

Signature:



Designation:

**Dir. chg- operations.**

**NIKITH LAND AND PROPERTY DEVELOPERS LLP- Incorporation**

Address : # 25/A, 2nd Floor, 1st Cross, Sundar Nagar,  
Bangalore - 560054.

Phone : + 91 9353006920

Email : manimrn8@gmail.com

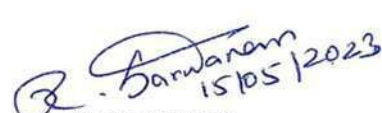
**Department of Civil Engineering**

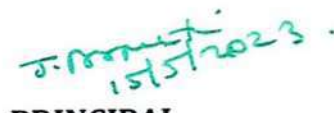
Academic Year (2022 – 2023) EVEN SEM

**CE8811 /PROJECT WORK – IV Year / VIII Semester**
**FIELD VISIT - STATUS**

| S No | Batch Members  | Project Topic                                                                                                             | Project Guide   | Date of Visit | Industry / Company Name & Place            |
|------|----------------|---------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|--------------------------------------------|
| 1    | AGALYA B       | EXPERIMENTAL INVESTIGATION ON STRUCTURAL BEHAVIOUR OF LIGHTWEIGHT BAMBOO REINFORCED CONCRETE                              | Dr.R.Saravanan  | 22.02.2023    | Yagappa Ready Mix Concrete, Thanjavur      |
|      | DIVYA S        |                                                                                                                           |                 |               |                                            |
|      | JANANI T S     |                                                                                                                           |                 |               |                                            |
|      |                |                                                                                                                           |                 |               |                                            |
| 2    | ARUNPRASAD S   | EXPERIMENTAL INVESTIGATION ON BITUMEN ROAD WITH WASTE PLASTIC AND CRUMB RUBBER                                            | Mr.R.Sundharam  | 24.02.2023    | Bitumen Mixing plant, Vallam               |
|      | SANTHOSH S     |                                                                                                                           |                 |               |                                            |
|      | VIMAL R        |                                                                                                                           |                 |               |                                            |
|      |                |                                                                                                                           |                 |               |                                            |
| 3    | ANBUMANI S     | EXPERIMENTAL INVESTIGATION ON PARTIAL REPLACEMENT OF FINE AGGREGATE IN CONCRETE USING ECOFRIENDLY PLASTIC SAND AGGREGATE  | Mr.K.Arun       | 21.02.2023    | TNSCB Project, Vallam                      |
|      | ARUNKUMAR M    |                                                                                                                           |                 |               |                                            |
|      | JAYASEELAN M   |                                                                                                                           |                 |               |                                            |
|      |                |                                                                                                                           |                 |               |                                            |
| 4    | MADHUMITHA R   | ASSESSMENT OF GROUNDWATER QUALITY INDEX IN KURUNGULAM FOR DRINKING PURPOSE                                                | Ms.D.Sharmila   | 10.05.2023    | Sugar Factory, Kurungulam                  |
|      | MONIKA M       |                                                                                                                           |                 |               |                                            |
|      | RENGESWARI R   |                                                                                                                           |                 |               |                                            |
|      |                |                                                                                                                           |                 |               |                                            |
| 5    | JAYACHANDRAN N | EXPERIMENTAL INVESTIGATION ON WASTE WATER TREATMENT                                                                       | Mr.R.Ramchandar | 23.02.2023    | Sewage Treatement plant, Thanjavur         |
|      | PREMKUMAR J    |                                                                                                                           |                 |               |                                            |
|      | STALIN P       |                                                                                                                           |                 |               |                                            |
|      |                |                                                                                                                           |                 |               |                                            |
| 6    | RUBIKA M       | EXPERIMENTAL INVESTIGATION OF PARTIAL REPLACEMENT OF CEMENT AND SAND IN PAVER BLOCK BY USING CORN STALK AND PLASTIC WASTE | Ms.K.Elakkiya   | 13.03.2023    | KKR paver Blocks & Construction, Thanjavur |
|      | SATHYA P       |                                                                                                                           |                 |               |                                            |
|      | ABIRAMI S      |                                                                                                                           |                 |               |                                            |
|      |                |                                                                                                                           |                 |               |                                            |
| 7    | KURALARASAN R  | DEVELOPMENT OF LOW COST BIO-MINERALIZED BACTERIAL BAGGAGE ASH BRICKS                                                      | Mr.D.Nandakumar | 23.02.2023    | Sugar Factory, Kurungulam                  |
|      | DANIEL NAVIS F |                                                                                                                           |                 |               |                                            |
|      | KARTHIKEYAN R  |                                                                                                                           |                 |               |                                            |
|      |                |                                                                                                                           |                 |               |                                            |

  
 PROJECT COORDINATOR

  
 HOD/CIVIL

  
 PRINCIPAL





**DEPARTMENT OF CIVIL ENGINEERING  
ACADEMIC YEAR 2022-2023 (EVEN SEM)**

**IV YEAR /VIII SEMESTER**

**FIELD VISIT – REPORT**

**YAGAPPA READY MIX  
CONCRETE**

**22/02/2023**

**VISITED BY**

|                   |                     |
|-------------------|---------------------|
| <b>B.AGALYA</b>   | <b>821119103001</b> |
| <b>S.DIVYA</b>    | <b>821119103005</b> |
| <b>T.S.JANANI</b> | <b>821119103006</b> |

**GUIDED**

**BY**

**Dr.R.SARAVANAN**  
**HOD/CIVIL**

## Purpose of visit:

Our main purpose for this visit is used in construction projects where the construction site is not willing, or is unable, to mix concrete on site and to get practical knowledge of RMC treatment plant components. In this project we required knowledge about how concrete that is batched for delivery from a central plant instead of being mixed on the job site.





### What we learned:

Ready-mix concrete is a type of concrete specifically manufactured for customer's construction projects and is made from a combination of aggregates, water, and other types of cement. First patented in 1903, it was initially mixed by hand until the invention of a transit mixer in 1926, and its benefits were soon recognized across various industries.

Ready-mix concrete comes in two forms, the first being in-transit mixers. These are small pieces of machinery with round barrels and are often seen near or around construction projects. They mix concrete on-site ready for direct application by builders and construction workers.

The second is a volumetric concrete mixer. These are much larger and deliver concrete in a dry state ready to be mixed on-site. It meters out sand, stone, water, and cement so you know the right material is being used for the right project. Volumetric concrete mixers give workers more flexibility with construction jobs by allowing them to work with a variety of different mixes, as well as real-time mixing.

It has a longer lifespan compared to other types of concrete, explaining why it's often used in large construction projects, such as skyscrapers or bridges. Any kind of construction needing a strong and durable material for its foundation will want to use ready-mix concrete.

After it's been mixed and delivered to the site, ready-mix concrete must be used within two hours to prevent the hardening of the material. Any leftover concrete is often returned and recycled, so materials aren't harming the environment.



However, volumetric concrete often has very little waste to dispose.

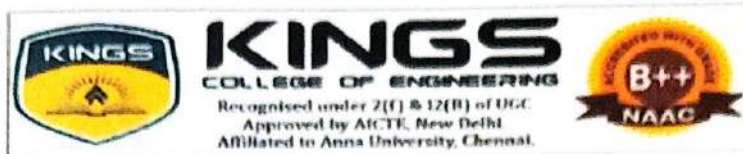
Concrete is used for the finished project in structures and foundations, with cement helping it harden and stabilise. It's a popular choice given its low maintenance and high strength properties, and is used to reduce the upkeep requirements of roads and buildings. It's not uncommon for structures to remain untouched for decades after, if ready-mix concrete was used during construction.



## OUTCOME:

From this visit, we got information and practical knowledge about it facilitates speedy construction through programmed delivery at site and mechanized operation with consequent economy. It also decreases labor, site supervising cost and project time, resulting in savings. Proper control and economy in use of raw material results in saving of natural resources.

*[Signature]*  
23/02/2023



**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-2023 (EVEN SEM)**

**IV YEAR /VIII SEMESTER**

**FIELD VISIT – REPORT**

**EXPERIMENTAL INVESTIGATION ON  
BITUMINOUS ROAD WITH WASTE PLASTIC AND CRUMB  
RUBBER"**

**VISITED BY**

|                     |                     |
|---------------------|---------------------|
| <b>S.ARUNPRASAD</b> | <b>821119103004</b> |
| <b>S.SANTHOSH</b>   | <b>821119103016</b> |
| <b>R.VIMAL</b>      | <b>821119103019</b> |

**GUIDED BY**

**MrR.SUNDHARAM.,M.E AP/CIVIL**

A handwritten signature in blue ink, appearing to be 'R. Sundharam', with the date '28/6/23' written below it.

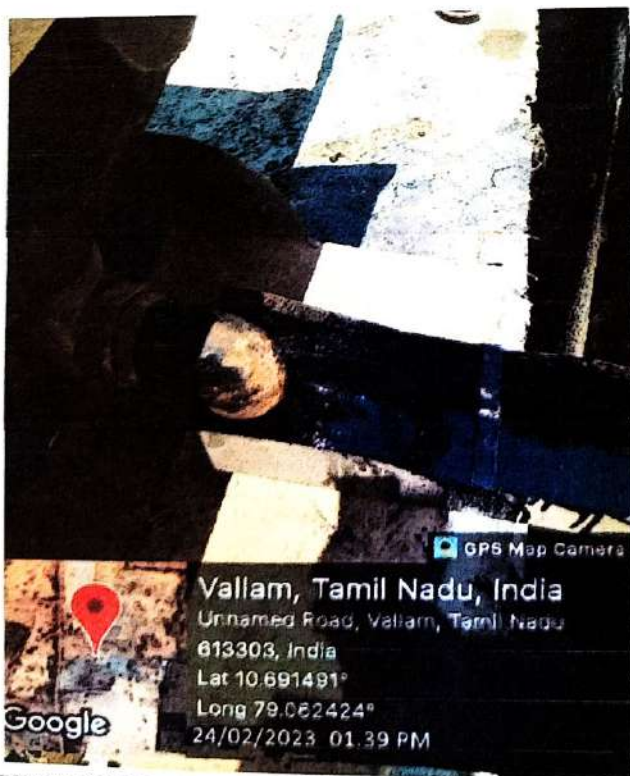


### Purpose of visit:

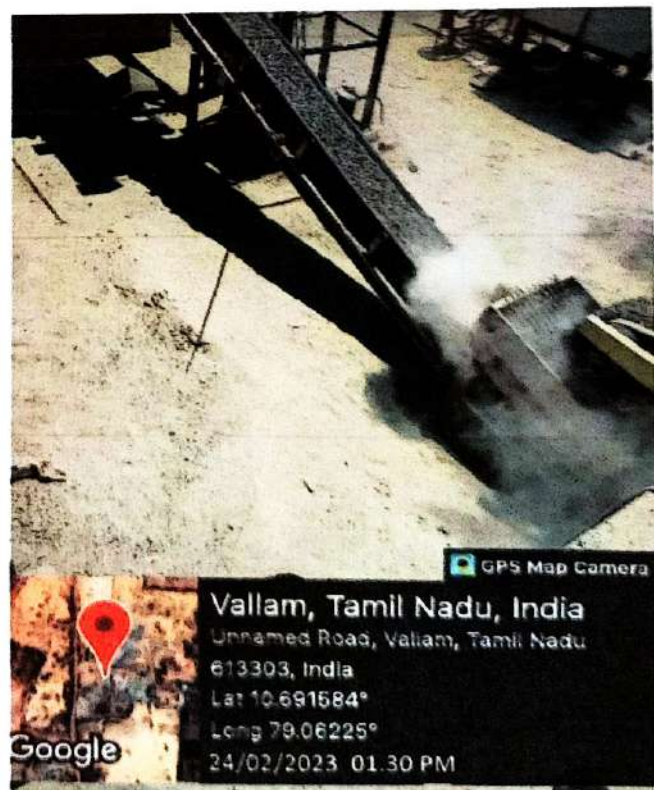
The main activity of an bitumen mixing plant is that it heats up aggregates and then mixes them with bitumen and other adhesive substances to generate hot mix bitumen aggregate. The quantity and nature of the aggregate are dependent on specific requirements. The waste generation from old plastic waste has been increasing and causing environmental degradation with the escalation of used plastic number especially in the waste. Tyre rubbers are increased in use of vehicles. Bitumen is extensively used in flexible pavement construction and as its manufacturing industries were still growing, the cost has not been much affordable. This study aimed at evaluating the possibility of a partial replacement of coarse aggregate by plastic waste and crumb rubber, with the purpose to reduce not only the amount of plastic and crumb rubber wastes dispersed in the nature, but also the material cost, while keeping or improving the bitumen product performance.

### What we learned:

The main activity of an asphalt mixing plant is that it heats up aggregates and then mixes them with bitumen and other adhesive substances to generate hot mix asphalt. The quantity and nature of the aggregate are dependent on specific requirements. The waste plastic is shredded & coated over aggregate & mixed with hot bitumen and resulted mix is used for pavement construction. The titanium-dioxide is used as a smoke absorbent material, which will absorb the smoke from the vehicles. Crumb rubber modification also improves the properties of bitumen by increasing the storage and loss enhancing the high and low temperature susceptibility.



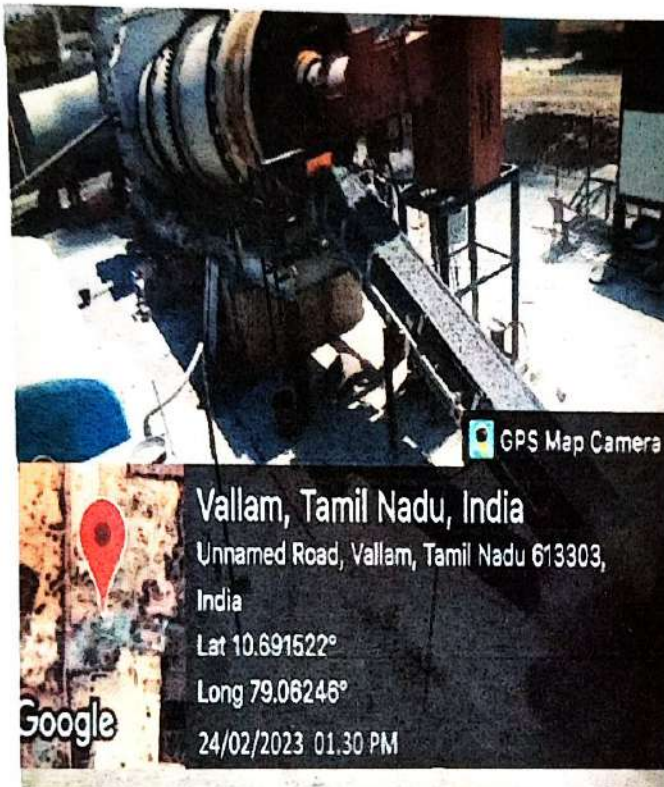
**BITUMEN COLLECTED FROM TANKER.**



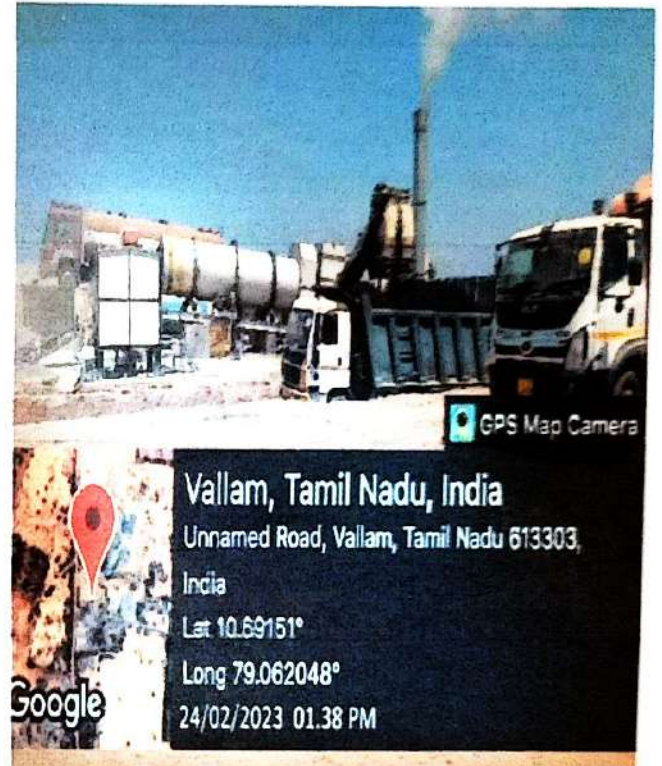
**COARSE AGGREGATE MIX BITUMEN**



Residues from the distillation of meticulously selected crude oils provide the base materials for bitumen production. Bitumen refining separates the lighter fractions from the residues. Several manufacturing methods are used to produce specification bitumens depending on the crude source and processing capabilities available. Often a combination of processes is selected. The illustration shows a compilation of the main refinery processes employed.



**MIX BITUMEN & COARSE AGGREGATE**



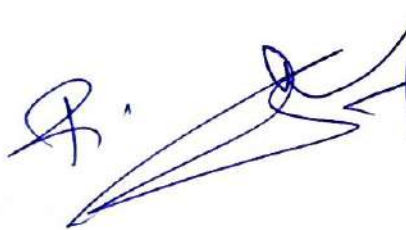
**COLLECTED BITUMEN MIX**



The final bitumen product can be produced to technical specification either directly in the refining process or by blending bitumens with different physical properties. Blending of higher and lower viscosity residues in the required proportions may take place at the refinery, at terminals or at a third party facility, where blend components and finished products can be easily transported and distributed for use.

**OUTCOME:**

The addition of rubber aggregate in bituminous mix decreases the quantity of stone aggregate by volume and increases the flexibility and flexural strength of the carpet layer of the highways. Aggregate is the granular material used in bitumen concrete mixtures, which makes up 90 to 95 percent of mixture weight and provide most of the load bearing characteristics of the mix.

 28/02/2023

  
28/02/2023





**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-2023 (EVEN SEM)**

**IV YEAR /VIII SEMESTER**

**FIELD VISIT – REPORT**

**TAMILNADU SLUM CLEARANCE  
BOARD PROJECT AT VALLAM**

**21/02/2023**

**VISITED BY**

|              |              |
|--------------|--------------|
| S.ANBUMANI   | 821119103002 |
| M.ARUNKUMAR  | 821119103003 |
| M.JAYASEELAN | 821119103008 |

**GUIDED BY**

**Mr.K.ARUN, AP/CIVIL**

*Handwritten signature*  
*28/02/2023*

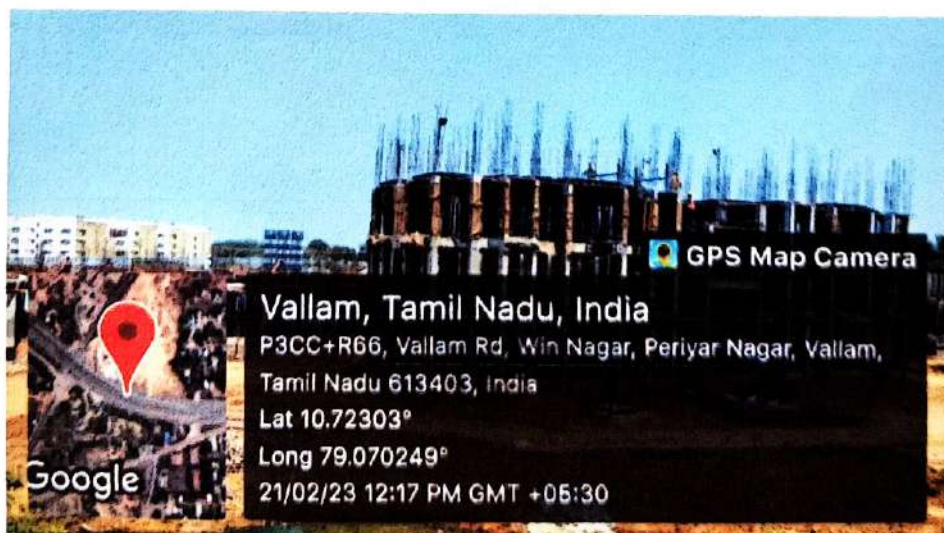
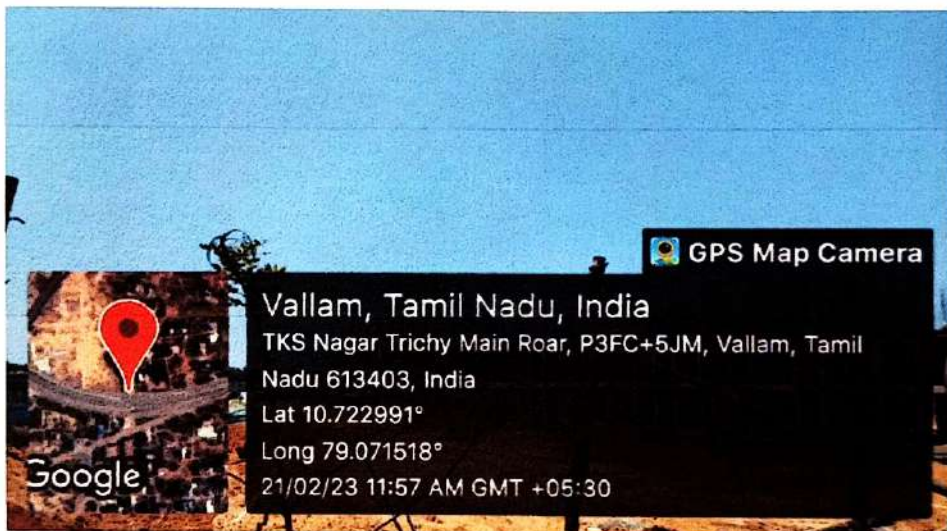


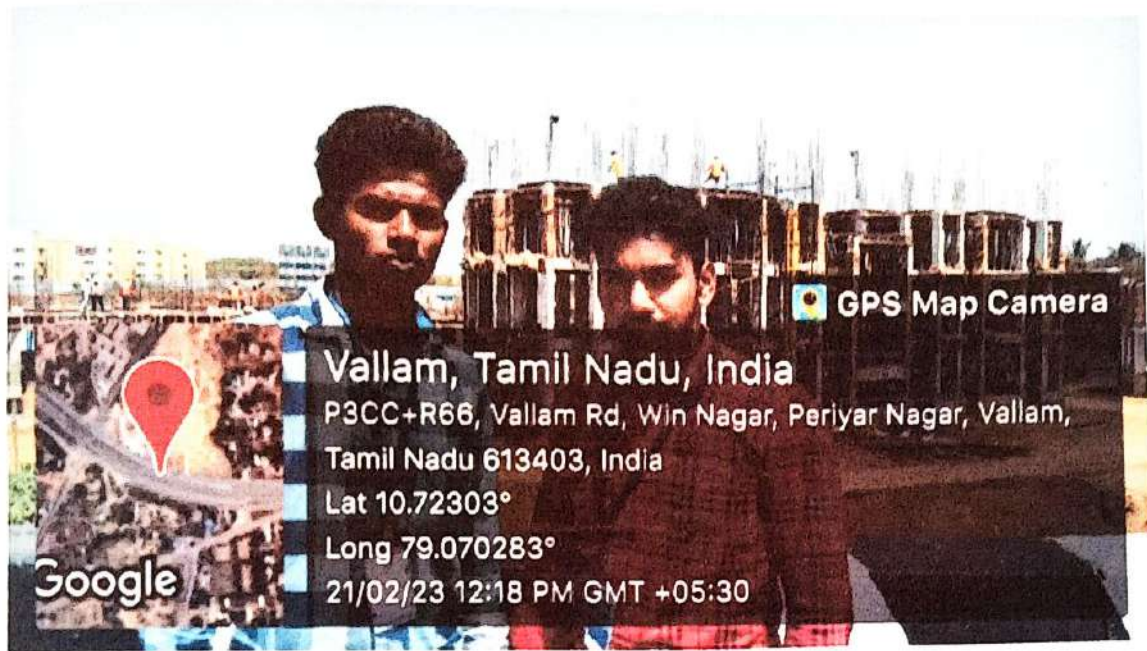
### Purpose of visit:

The purpose for this visit is to be familiar with industrial environment and to get practical knowledge about the Concrete. In this project we acquired knowledge about the concrete mixes, formwork and placing of concrete. It is very much helpful to see all the practices and components in real time work environment.

### What we learned:

Visited this slum clearance board and gained knowledge about shuttering work and placing of concrete. And then we went to the construction site to know about the placing of concrete which was near vallam. There we met the Site Engineer, Executive Engineer and gained the knowledge about the placing of concrete.



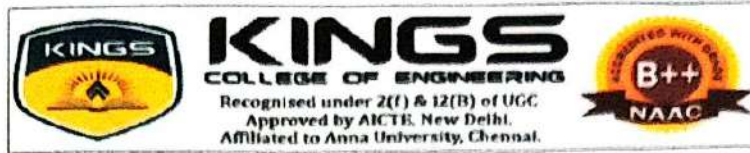


**OUTCOME:**

From this visit, we got information and practical knowledge about the shuttering work and the placing of Concrete.

*H. An*  
23/12/2023





**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-2023 (EVEN SEM)**

**IV YEAR /VIII SEMESTER**

**FIELD VISIT – REPORT**

**KURUNGULAM SUGARCANE FACTORY**

**23/02/2023**

**VISITED BY**

|                |                |
|----------------|----------------|
| R.KURALARASAN  | (821119103010) |
| F.DANIEL NAVIS | (821119103301) |
| R.KARTHIKEYAN  | (821119103501) |

A handwritten signature in blue ink, which appears to read 'D. Nandakumar', is written over the 'GUIDED BY' text.

**GUIDED BY**

**Mr.D.NANDAKUMAR, AP/CIVIL**

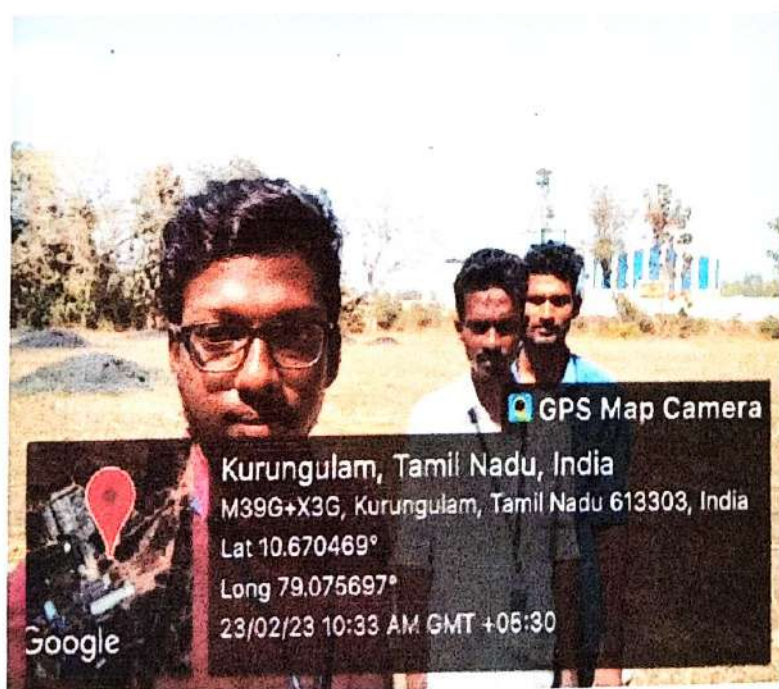
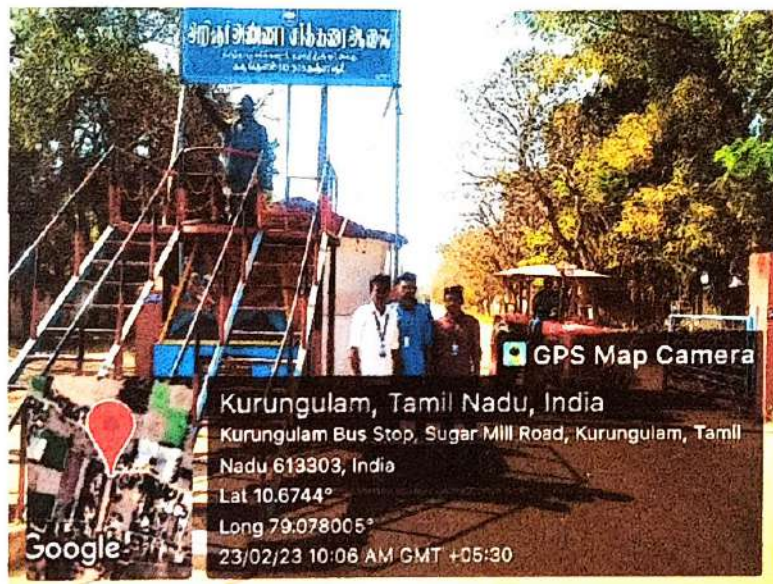


### Purpose of visit:

Our main purpose for this visit is to collect bagasse ash from the industry and to know about the waste collected from it like the quantity and the disposal process of the bagasse ash in known.

### What we learned:

We reached at sugar mill. The waste product from the making process of sugar from the sugarcane is collected and that factory uses as a burning fuel to get electricity from it and the remaining bagasse ash is disposed in open ground.



### **Field Visit to Kurungulam Sugarcane Mill**

Per day large amount of bagasse ash is been formed some of it are given to the farmers for agricultural purposes and the rest of it is left alone, we use that left overs in our project to reduce that waste production from various industries like not only from this sugar mill we also collect lime from the paper mill Salem.



## OUTCOME:

From this visit, we got information and practical knowledge about the working process in an sugar mill and how the waste product is been utilized. This visit was completed with batch member photography.

*[Handwritten signature]*  
25/02/2023



**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-2023 (EVEN SEM)**

**IV YEAR /VIII SEMESTER**

**FIELD VISIT – REPORT**

**KKR PAVER BLOCKS &  
CONSTRUCTION**

**13/03/2023**

**VISITED BY**

|           |              |
|-----------|--------------|
| M.RUBIKA  | 821119103015 |
| P.SATHYA  | 821119103017 |
| S.ABIRAMI | 821119103701 |

**GUIDED BY**

**Mr.K. ELAKKIYA., AP/CIVIL**

*K. Elakkiya*  
16/05/23



### Purpose of visit:

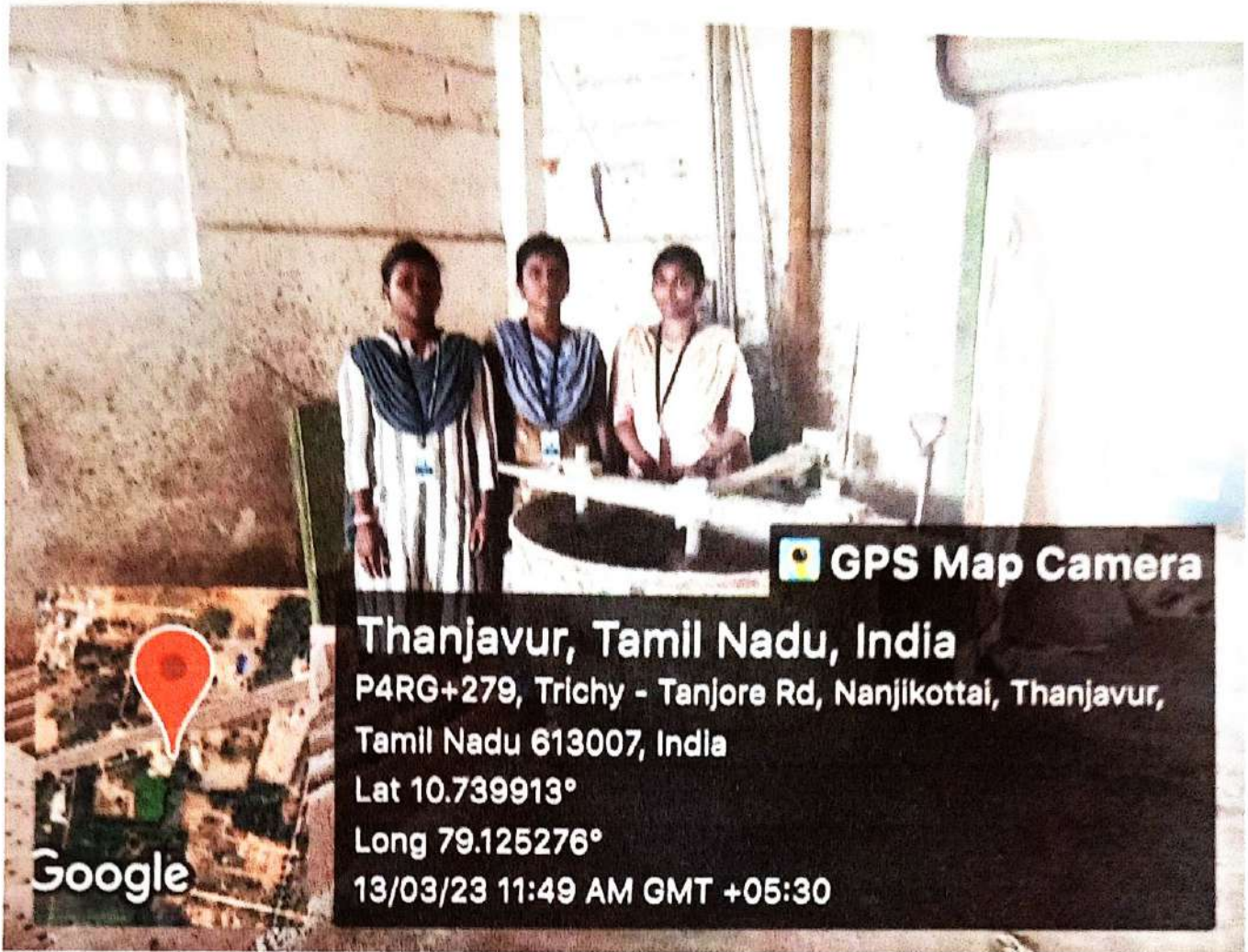
The purpose for this visit is to be familiar with industrial environment and to get practical knowledge about the Concrete and paver blocks. In this project we acquired knowledge about the concrete mixes, formwork and placing of concrete for paver block. It is very much helpful to see all the practices and components in real time work environment.

### What we learned:

Visited this KKR paver blocks constructions and gained knowledge about paver moulding and mixing of paver concrete work and placing of concrete. And then we went to the construction site to know about the placing of concrete which was near vallam. There we met the Site Engineer, Executive Engineer and gained the knowledge about the placing of paver blocks.







#### OUTCOME:

From this visit, we got information and practical knowledge about the shuttering work and the placing of paver blocks.

*Signature*  
16/05/2023

**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-2023 (EVEN SEM)**

**IV YEAR /VIII SEMESTER**

**FIELD VISIT – REPORT**

**SUGAR FACTORY**

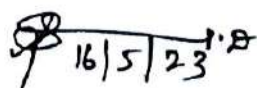
**10/05/2023**

**VISITED BY**

|              |              |
|--------------|--------------|
| R.MADHUMITHA | 821119103011 |
| M.MONIKA     | 821119103012 |
| R.RENGESWARI | 821119103014 |

**GUIDED BY**

**MS.D.SHARMILA, AP/CIVIL**

 16/5/23



### Purpose of visit:

Our main purpose for this visit is to be familiar with industrial environment and to get practical knowledge of Assessment of Ground water Quality. In this project we required knowledge about disposal of wastage in factory, so it is very much convenient to see all the practical and components in real time work environment.

### What we learned:

We reached at sugar mill. The Usage water of industries is collected from the bore wells. The ground water is passed the pipes for Useage of cleaning

Arigar Anna sugar factory

Power station



Some cane sugar mills have so-called back-end refineries. In back-end refineries, raw sugar produced in the mill is converted to refined sugar with a higher purity for local consumption, export, or bottling companies. Wastage is used for heat generation in the sugar millser adding chemicals such as alum to reduce the PH of water. The next stage is a Edit

In storage, plantation white is more vulnerable than raw sugar. Sugar produced by carbonation is especially vulnerable to color change. Ash content also contributes to discoloration. In Brazil discoloration is countered by storing at a maximum temperature of 35-40°C and by producing sugar of 166 IU so lots of color can be lost before the low standard of 230 IU is reached



The sugar trade in India is particularly important since it serves the world's largest domestic market while also providing for 50 million farmers and their families. The sugar industry is also incredibly profitable, making it a prime industrial business choice for financiers and they reuse ground water



Google  
null, Tamil Nadu, India  
M39H+QC3, Kurungulam, Tamil Nadu 613303, India  
Long 79.078562°  
Lat 10.669360°  
21/2/2023 12:43 PM  
GPS Map Camera

**OUTCOME:**

From this visit, we got information and practical knowledge about the physio-chemical treatment of Ground water and components used in factory

Some test should be performed for general discussion with experts in the industry.

This visit was completed with batch member photography.

*bx*  
14/05/2023





**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-2023(EVEN SEM)**  
**IV YEAR/VIII SEMESTER**  
**FIELD VISIT – REPORT**  
**SEWAGE TREATMENT PLANT ,THANJAVUR**  
**23/02/2023**

**VISITED BY**

|                       |                     |
|-----------------------|---------------------|
| <b>N.JAYACHANDRAN</b> | <b>821118103013</b> |
| <b>J.PREM KUMAR</b>   | <b>821118103022</b> |
| <b>P.STALIN</b>       | <b>821118103024</b> |

**GUIDED BY**

**Mr.R. RAMCHANDAR ME.,AP/CIVIL**

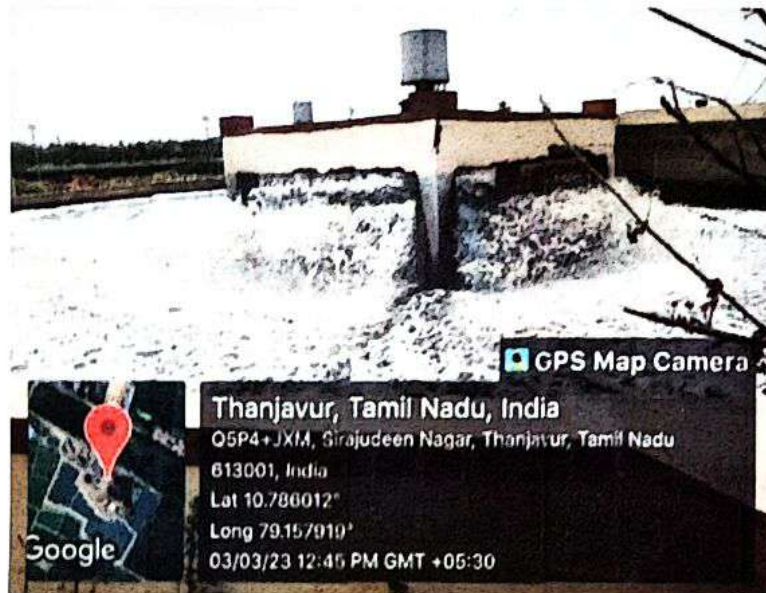
Verified  
*R. Ramchandrar*  
16/5/23

# Purpose of visit:

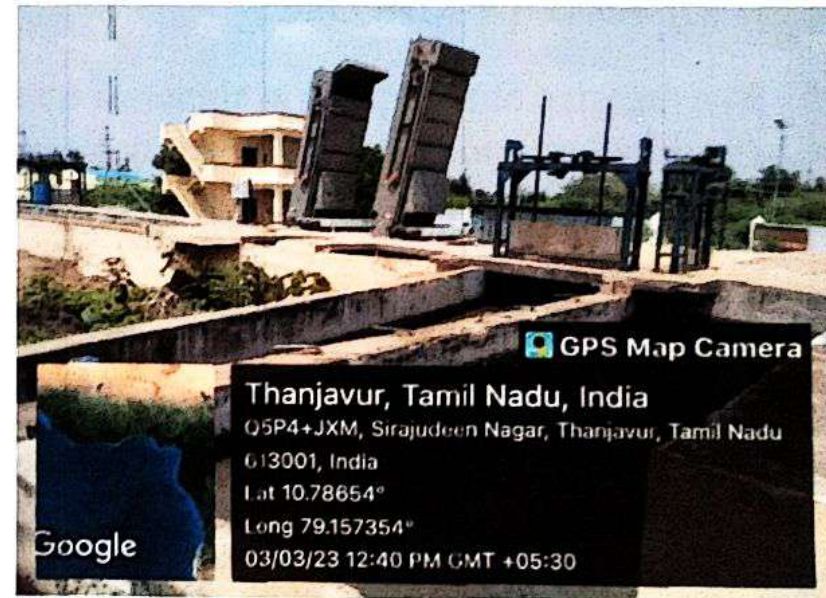
Our main purpose for visit is to be familiar with industrial environment and to get practical knowledge of sewage treatment plant components. In this project we required knowledge about how sewage water is being treated ,so it is very much convenient to see all the practical and components in real time work environment.

## What we learned:

The waste water of industries is collected in a tank. The waste water is passed through a primary sedimentation tank where solid particles of organic material are removed from the suspension by gravity settling.



AREATOR



SCEENING





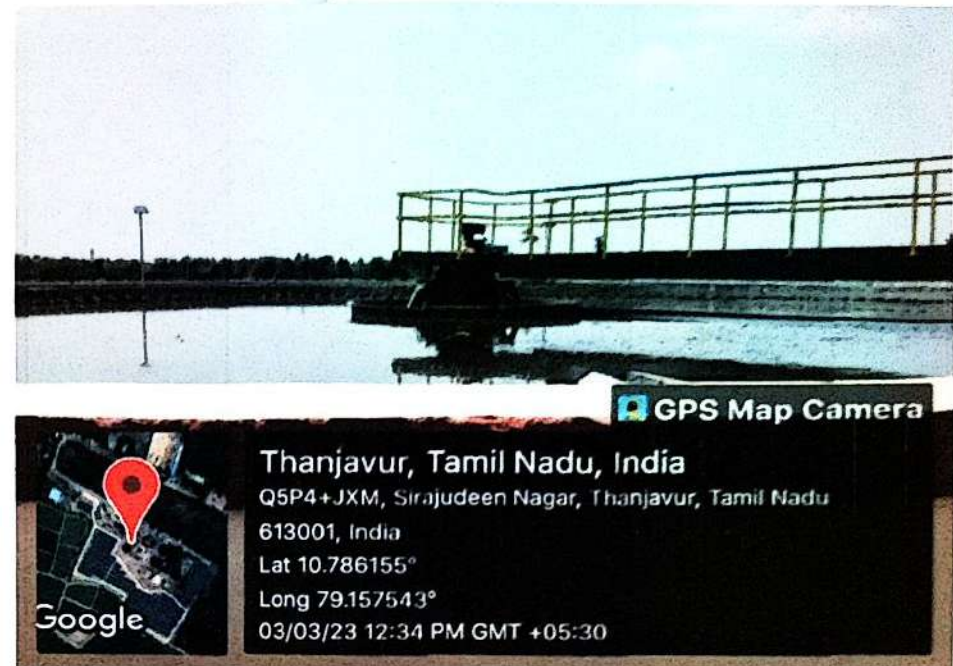
## PRIMARY TREATMENT

Initial separation of solid organic matter from waste water. Air is pumped into aeration tank /basin to encourage conversion of  $\text{NH}_3$  to  $\text{NO}_3$  and provide oxygen for bacteria to continue to propagate and grow. Treated wastewater is pumped into a secondary clarifier to allow any remaining organic sediment to settle out of treated water flow.

The next stage of the treatment process is chlorine is added to kill any remaining bacteria in the contact chamber.

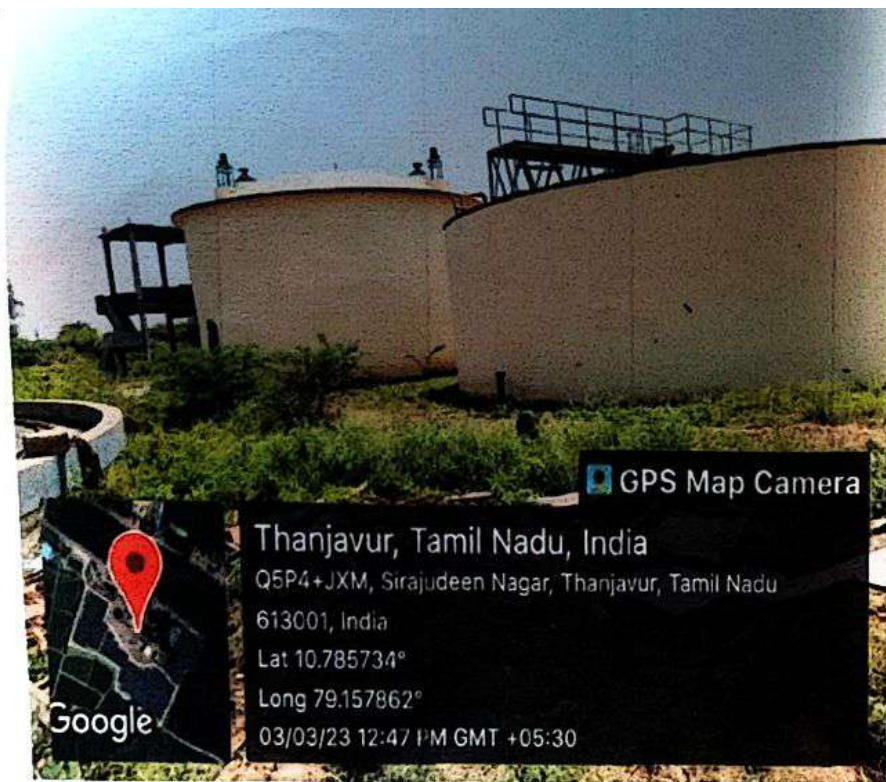
Then testing for proper pH level. The next stage is a biological process which breaks down dissolved and suspended organic solid by using naturally occurring micro-organisms. It is called the activated sludge process.

After meeting all permit specifications, clean water is reintroduced into the industrial environment. And then the water is discharged nearer agricultural farms and the water is used by needs.

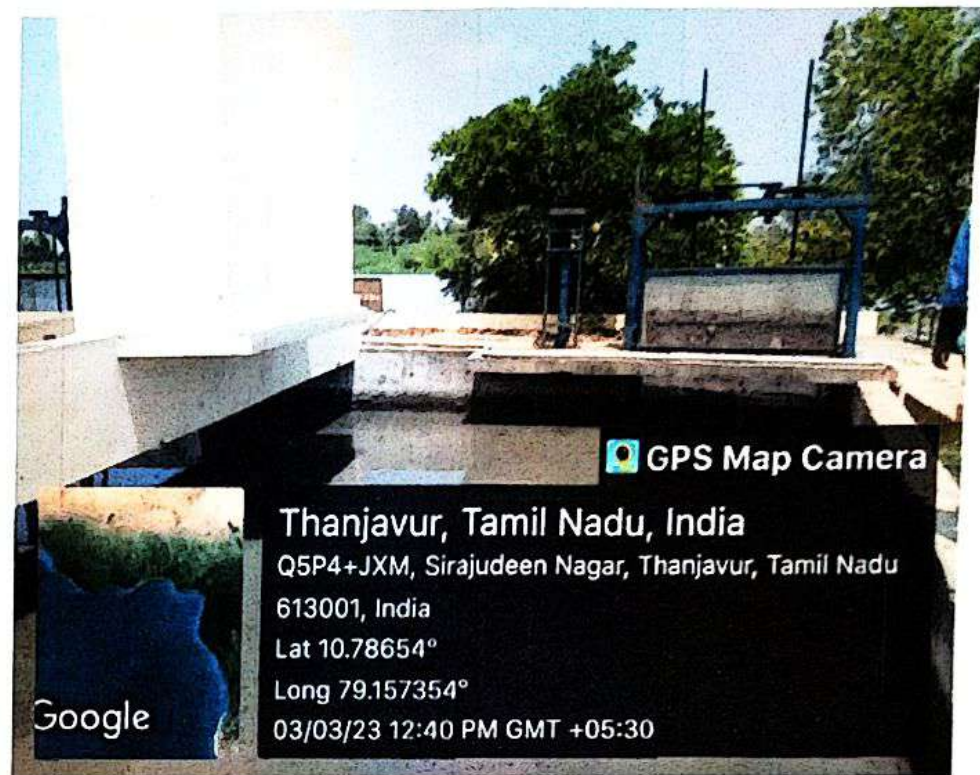


## SECONDARY TREATMENT





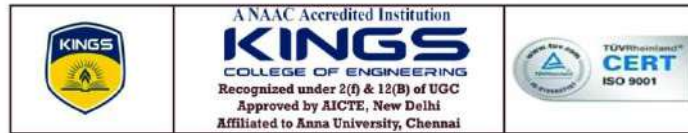
AIR COMPRESSOR



SEAWAGE FLOW

## OUTCOME:

From the visit , we got information and practical knowledge about the physio –chemical treatment of waste water and components used in treatment plant. Some test should be performed for general discussion with experts in the industry . The visit was completed with batch member photography.



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2022-2023**

**1.3.2 INDUSTRIAL TRAINING REPORT**







**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ACADEMIC YEAR 2022-23 / EVEN SEMESTER**

**2019-2023 Batch**

**INDUSTRIAL TRAINING REPORT**

| S.NO | BATCH | REG.NO       | STUDENT NAME      | Name of the company  | Location   | Title            | Duration | From       | To         |
|------|-------|--------------|-------------------|----------------------|------------|------------------|----------|------------|------------|
| 1.   | I     | 821119104009 | Bakiya Lakshmi .A | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 10.03.2023 | 14.03.2023 |
| 2.   |       | 821119104029 | Nandhini. J       | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 10.03.2023 | 14.03.2023 |
| 3.   |       | 821119104501 | Suruthi. S        | Igonsoft Solutions   | Chennai    | Machine learning | 3 days   | 13.03.2023 | 15.03.2023 |
| 4.   | II    | 821119104015 | Dharani. G        | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 10.03.2023 | 14.03.2023 |
| 5.   |       | 821119104046 | Surya. A          | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 18.04.23   | 22.04.23   |
| 6.   |       | 821119104025 | Karkuzhali. N     | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 18.04.23   | 22.04.23   |
| 7.   | III   | 821119104011 | Bavya. S          | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 10.03.2023 | 14.03.2023 |
| 8.   |       | 821119104031 | Pavitha .P        | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 18.04.23   | 22.04.23   |
| 9.   |       | 821119104032 | Priyadharshini .E | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5days    | 10.03.2023 | 14.03.2023 |
| 10.  | IV    | 821119104020 | Gomathi .A        | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5days    | 10.03.2023 | 14.03.2023 |
| 11.  |       | 821119104026 | Karthika. R       | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 18.04.23   | 22.04.23   |
| 12.  |       | 821119104041 | Sivaranjani . S   | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 18.04.23   | 22.04.23   |
| 13.  |       | 821119104043 | Suguna. S         | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 18.04.23   | 22.04.23   |
| 14.  | V     | 821119104017 | Elayadharshini .T | Igonsoft Solutions   | Chennai    | Block chain      | 3 days   | 13.03.2023 | 15.03.2023 |
| 15.  |       | 821119104023 | Kamali. K         | NoviTech R&D Pvt Ltd | Coimbatore | Block chain      | 5 days   | 10.03.2023 | 14.03.2023 |
| 16.  |       | 821119104047 | Swetha. S         | Igonsoft Solutions   | Chennai    | Block chain      | 3 days   | 13.03.2023 | 15.03.2023 |
| 17.  | VI    | 821119104006 | Akshayalakshmi. G | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 18.04.23   | 22.04.23   |
| 18.  |       | 821119104014 | Devipriya. S      | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 10.03.2023 | 14.03.2023 |
| 19.  |       | 821119104048 | Tharanika. K      | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning | 5 days   | 10.03.2023 | 14.03.2023 |
| 20.  | VII   | 821119104012 | Bhavatharani .T   | NoviTech R&D Pvt Ltd | Coimbatore | Deep learning    | 5 days   | 10.03.2023 | 14.03.2023 |
| 21.  |       | 821119104013 | Deepika. P        | NoviTech R&D Pvt Ltd | Coimbatore | Deep learning    | 5 days   | 10.03.2023 | 14.03.2023 |
| 22.  |       | 821119104034 | Rethinapriya. T   | NoviTech R&D Pvt Ltd | Coimbatore | Deep learning    | 5 days   | 10.03.2023 | 14.03.2023 |



| S.NO | BATCH | REG.NO       | STUDENT NAME       | Name of the company  | Location   | Title                   | Duration | From       | To         |
|------|-------|--------------|--------------------|----------------------|------------|-------------------------|----------|------------|------------|
| 23.  | VIII  | 821119104018 | Fasila Afreen .J   | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning        | 5 days   | 10.03.2023 | 14.03.2023 |
| 24.  |       | 821119104001 | Aarthi. R          | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning        | 5 days   | 10.03.2023 | 14.03.2023 |
| 25.  |       | 821119104045 | Suruthi. S         | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning        | 5 days   | 10.03.2023 | 14.03.2023 |
| 26.  | IX    | 821119104049 | Varun. K           | Pantech Solutions    | Madurai    | Machine learning        | 7 day's  | 14-03-23   | 21-03-23   |
| 27.  |       | 821119104022 | Govindharajan. K   | Pantech Solutions    | Madurai    | Machine learning        | 7 day's  | 14-03-23   | 21-03-23   |
| 28.  |       | 821119104008 | Avudaiappan .A B   | Pantech Solutions    | Madurai    | Machine learning        | 7 day's  | 14-03-23   | 21-03-23   |
| 29.  |       | 821119104027 | Mohamed Yasir. A   | Pantech Solutions    | Madurai    | Machine learning        | 7 day's  | 14-03-23   | 21-03-23   |
| 30.  | X     | 821119104053 | Viswa .A           | NoviTech R&D Pvt Ltd | Coimbatore | web application         | 5days    | 10.03.2023 | 14.03.2023 |
| 31.  |       | 821119104028 | Muralidharan. N    | NoviTech R&D Pvt Ltd | Coimbatore | web application         | 5days    | 10.03.2023 | 14.03.2023 |
| 32.  |       | 821119104019 | Gokul .M           | NoviTech R&D Pvt Ltd | Coimbatore | web application         | 5days    | 10.03.2023 | 14.03.2023 |
| 33.  | XI    | 821119104033 | Ramakrishnan .E    | Pantech Solutions    | Madurai    | Android App             | 4 Days   | 17-03-2023 | 21-03-2023 |
| 34.  |       | 821119104050 | Vengatramanan. S   | NoviTech R&D Pvt Ltd | Coimbatore | Android app development | 5 days   | 10.03.2023 | 14.03.2023 |
| 35.  |       | 821119104051 | Vignesh. K         | SD Pro solution      | Trichy     | Android App Development | 3 days   | 26.04.2023 | 28.04.2023 |
| 36.  | XII   | 821119104016 | Divakaran. J       | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning        | 5 days   | 10-03-2023 | 14-03-2023 |
| 37.  |       | 821119104035 | Sachin .R          | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning        | 5 days   | 10-03-2023 | 14-03-2023 |
| 38.  |       | 821119104037 | Sathish .T         | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning        | 5days    | 10-03-2023 | 14-03-2023 |
| 39.  |       | 821119104038 | Selvabharathi. S   | Appin Technology     | Coimbatore | Machine learning        | 3 day's  | 18-03-2023 | 21-03-2023 |
| 40.  | XIII  | 821119104005 | Akash .K           | SD Pro solution      | Trichy     | Android App Development | 3 days   | 26.04.2023 | 28.04.2023 |
| 41.  |       | 821119104010 | Balakrishnan. M    | SD Pro solution      | Trichy     | Android App Development | 3 days   | 26.04.2023 | 28.04.2023 |
| 42.  |       | 821119104040 | Siva .G            | Appin technology     | Coimbatore | IOT                     | 3days    | 18-03-2023 | 21-03-2023 |
| 43.  | XIV   | 821119104003 | Ajay Prasanna. G S | SD Pro solution      | Trichy     | Android App Development | 3 days   | 26.04.2023 | 28.04.2023 |
| 44.  |       | 821119104007 | Aravind. A         | SD Pro solution      | Trichy     | Android App Development | 3 days   | 26.04.2023 | 28.04.2023 |
| 45.  |       | 821119104024 | Kanishkar .K       | NoviTech R&D Pvt Ltd | Coimbatore | Machine learning        | 5 days   | 18.04.23   | 22.04.23   |
| 46.  | XV    | 821119104002 | Aiyappan. S        | Appin Technology     | Coimbatore | Artificial intelligence | 3 day's  | 18-03-2023 | 21-03-2023 |
| 47.  |       | 821119104021 | Gopinath. P        | Appin Technology     | Coimbatore | Artificial intelligence | 3 day's  | 18-03-2023 | 21-03-2023 |
| 48.  |       | 821119104039 | Shakthivel .M      | Appin Technology     | Coimbatore | Artificial intelligence | 3 day's  | 18-03-2023 | 21-03-2023 |
| 49.  |       | 821119104044 | Suresh Karthik .J  | Appin Technology     | Coimbatore | Artificial intelligence | 3 days   | 18-03-2023 | 21-03-2023 |

PROJECT COORDINATOR

HOD/CSE

PRINCIPAL

## INDUSTRIAL TRAINING REPORT

**TEAM NUMBER:**1

**TEAM MEMBERS:** A.BAKIYA LAKSHMI, J.NANDHINI ,S.SURUTHI

**COMPANY NAME:**

NoviTech R&D Pvt Ltd.,

**LOCATION:**

Coimbatore

**ABOUT COMPANY:**

Novi Tech is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:**

Deep learning

**DURATION:**

10.03.2023-14.03.2023

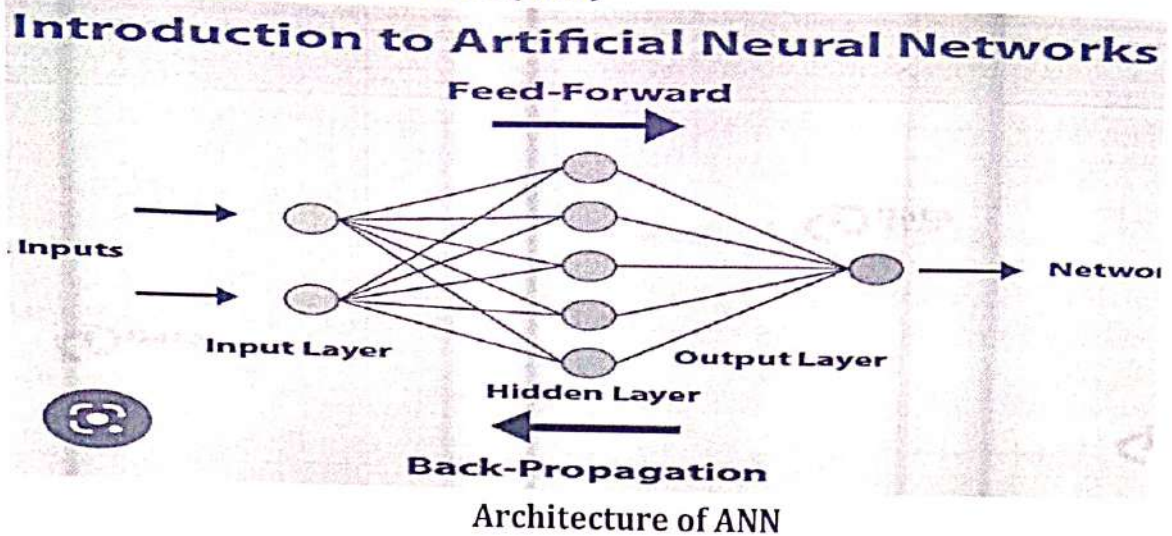
**WHAT WE LEARNT:**

We learn about Artificial Intelligence, Machine Learning, and Deep Learning

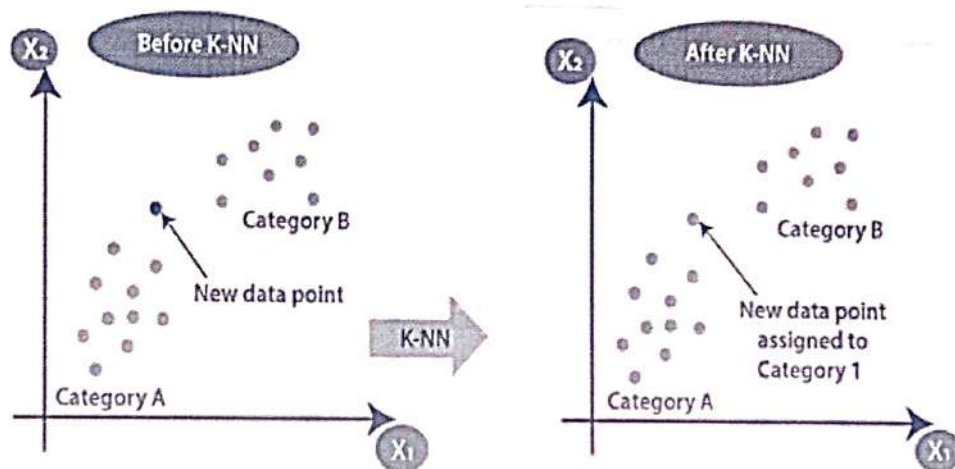
- Artificial Neural Network (ANN)
- K-Nearest Neighbors Algorithm
- Naive Bayes Classifier



## 1. Artificial Neural Network (ANN)



## 2. K-Nearest Neighbors Algorithm



Architecture of KNN

## 3. Naive Bayes Classifier

Algorithm: (For weather condition)

$$P(\text{Yes}|\text{Sunny}) = \frac{P(\text{Sunny}|\text{Yes}) \cdot P(\text{Yes})}{P(\text{Sunny})}$$

$$P(\text{No}|\text{Sunny}) = \frac{P(\text{Sunny}|\text{No}) \cdot P(\text{No})}{P(\text{Sunny})}$$



## SNAPSHOTS:



Certificate No : NTWIP169



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. BAKIYA LAKSHMI.A from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training in Machine Learning**  
**10.03.2023 - 14.03.2023 (5 Days).**



NoviTech R&D Pvt Ltd.,

Mr. A.VINOTH KUMAR  
Managing Director

## **INDUSTRIAL TRAINING REPORT**

**TEAM NUMBER:**2

**TEAM MEMBERS:** G. dharani, N. Karkuzhali, A.Surya.

**COMPANY NAME:**

NoviTech R&D Pvt Ltd.,

**LOCATION:**

Coimbatore

### **ABOUT COMPANY:**

Novi Tech is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:**

Machine learning

**DURATION:**

18.04.2023-22.04.2023

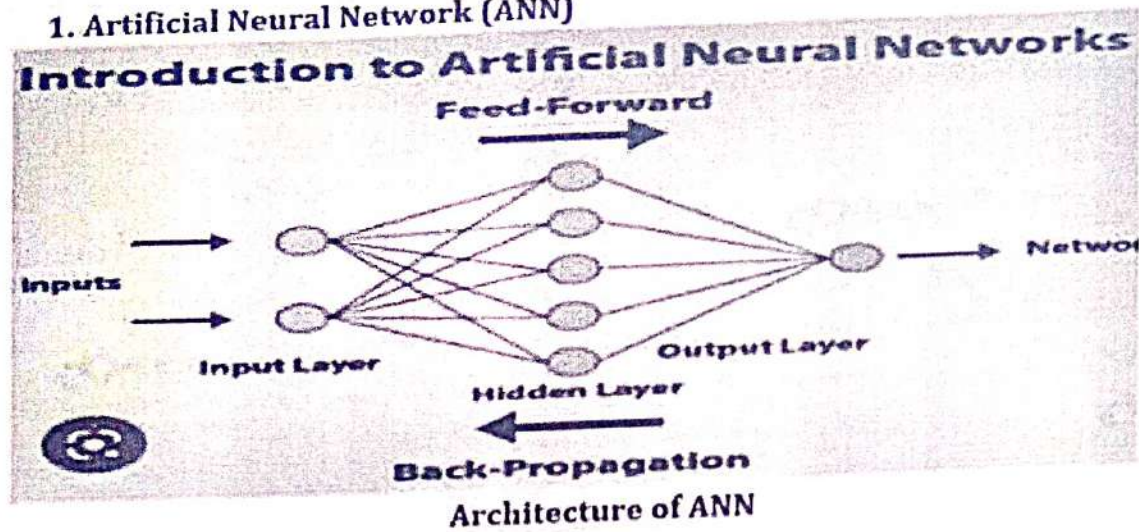
### **WHAT WE LEARNT:**

We learn about Artificial Intelligence, Machine Learning, and Deep Learning

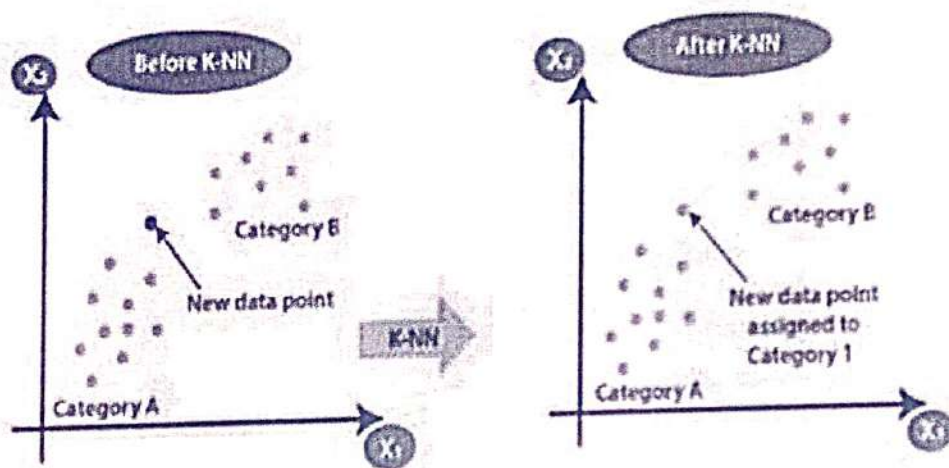
- Artificial Neural Network (ANN)
- K-Nearest Neighbors Algorithm
- Random forest Classifier



## 1. Artificial Neural Network (ANN)



## 2. K-Nearest Neighbors Algorithm



Architecture of KNN

## 3. Random forest Classifier

Random forest is a classifier that contains a number of decision tree on various subsets of the given dataset and takes the average improve the prediction accuracy of datasets.

Certificate No : NTWP168



**NoviTech**  
the innovation partner

### **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. DHARANI.G from  
Kings College of Engineering, Department of Computer Science and Engineering  
has Successfully Completed the Industrial Training in Machine Learning  
10.03.2023 - 14.03.2023 (5 Days).



NoviTech R&D Pvt Ltd.,

  
Mr. A. VINODH KUMAR  
Managing Director

Certificate No : NT24508



**NoviTech**  
the innovation partner

### **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. SURYA .A from  
Kings College of Engineering, Department of Computer Science and Engineering  
has Successfully Completed the Industrial Training in Machine Learning  
18.04.2023 - 22.04.2023 (5 Days).



NoviTech R&D Pvt Ltd.,

  
Mr. A. VINODH KUMAR  
Managing Director

Certificate No : NT24502



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. KARKUZHALI N from  
Kings College of Engineering, Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training in Machine Learning**  
**18.04.2023 - 22.04.2023 (5 Days).**



NoviTech R&D Pvt Ltd.,

  
**Mr. A. VINODH KUMAR**  
Managing Director



## INDUSTRIAL TRAINING REPORT

**TEAM NUMBER:** 3

**TEAM MEMBERS:** 3

**COMPANY NAME:**

NoviTech R&D Pvt Ltd., S.Bavya,P.Pavitha,E.Priyadharshini

**LOCATION:**

Coimbatore

**ABOUT COMPANY:**

Novi Tech is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:**

Machine learning

**DURATION:**

10.03.2023-14.03.2023

**WHAT WE LEARNT:**

We learn about Artificial Intelligence, Machine Learning, and Deep Learning

**Artificial Intelligence**-Artificial intelligence involves replicating human intellectual processes through machines, especially computers. There are many applications of AI, such as expert systems, natural language processing, speech recognition, and machine vision.

**Machine Learning**-Machine learning is a branch of artificial intelligence (AI) and computer science which focuses on the use of data and

algorithms to imitate the way that humans learn, gradually improving its accuracy.

**Deep Learning-** Deep learning is a type of machine learning and artificial intelligence (AI) that imitates the way humans gain certain types of knowledge. Deep learning is an important element of data science, which includes statistics and predictive modeling



Certificate No : NT24805



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. PAVITHA .P from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training in Machine Learning**  
**18.04.2023 - 22.04.2023 (5 Days).**



NoviTech R&D Pvt Ltd.,

  
Mr. A. VINOTH KUMAR  
Managing Director

Certificate No : NTWP166



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. PRIYADHARSHINLE from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training in Machine Learning**  
**10.03.2023 - 14.03.2023 (5 Days).**



NoviTech R&D Pvt Ltd.,

  
Mr. A. VINOTH KUMAR  
Managing Director



## INDUSTRIAL TRAINING REPORT

**TEAM NUMBER:** 4

**TEAM MEMBERS:** A.Gomathi,R.Karthika, S.Sivaranjani, S.Suguna.

**COMPANY NAME:**

NoviTech R&D Pvt Ltd.,

**LOCATION:**

Coimbatore

**ABOUT COMPANY:**

Novi Tech is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:**

Machine Learning

**DURATION:**

18-04-2023-22.04.2023

**WHAT WE LEARNT ABOUT:**

We learn about Artificial Intelligence, Machine Learning, and Deep Learning.

**Artificial Intelligence-** Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing ,speech recognition and machine vision.

AI technology is important because it enables human capabilities – understanding, reasoning, planning, communication and perception – to be undertaken by software increasingly effectively, efficiently and at low cost.

K. S. S. S.

AI, Machine learning and Deep learning are common terms in enterprise IT and sometimes used interchangeably, especially by companies in their marketing materials.

- ✓ Automation.
- ✓ Productivity.
- ✓ Decision Making.
- ✓ Solving Complex Problems.
- ✓ Economy.
- ✓ Managing Repetitive Tasks.
- ✓ Personalization.
- ✓ Global Defense.

**Machine Learning-** Machine learning (ML) is a type of artificial intelligence (AI) that allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so. Machine learning algorithms use historical data as input to predict new output values.

- ✓ Supervised Learning.
- ✓ Unsupervised Learning.
- ✓ Semi-Supervised Learning.
- ✓ Reinforced Learning.

**Deep Learning-** Deep learning is a method in artificial intelligence (AI) that teaches computers to process data in a way that is inspired by the human brain. Deep learning models can recognize complex patterns in pictures, text, sounds, and other data to produce accurate insights and predictions.

- ✓ Digital assistants
- ✓ Voice-activated television remotes
- ✓ Fraud detection
- ✓ Automatic facial recognition

AI, Machine learning and Deep learning are common terms in enterprise IT and sometimes used interchangeably, especially by companies in their marketing materials.

- ✓ Automation.
- ✓ Productivity.
- ✓ Decision Making.
- ✓ Solving Complex Problems.
- ✓ Economy.
- ✓ Managing Repetitive Tasks.
- ✓ Personalization.
- ✓ Global Defense.

**Machine Learning-** Machine learning (ML) is a type of artificial intelligence (AI) that allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so. Machine learning algorithms use historical data as input to predict new output values.

- ✓ Supervised Learning.
- ✓ Unsupervised Learning.
- ✓ Semi-Supervised Learning.
- ✓ Reinforced Learning.

**Deep Learning-** Deep learning is a method in artificial intelligence (AI) that teaches computers to process data in a way that is inspired by the human brain. Deep learning models can recognize complex patterns in pictures, text, sounds, and other data to produce accurate insights and predictions.

- ✓ Digital assistants
- ✓ Voice-activated television remotes
- ✓ Fraud detection
- ✓ Automatic facial recognition



## SNAPSHOTS:



## CERTIFICATE:



Certificate No : NT24S04



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. KARTHIKA .R from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training** in Machine Learning  
18.04.2023 - 22.04.2023 (5 Days).



NoviTech R&D Pvt Ltd.,

  
Mr. A. VINOTH KUMAR  
Managing Director

[www.novitechrd.com](http://www.novitechrd.com)

Certificate No : NT24S07



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. SIVARANJANI .S from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training** in Machine Learning  
18.04.2023 - 22.04.2023 (5 Days).



NoviTech R&D Pvt Ltd.,

  
Mr. A. VINOTH KUMAR  
Managing Director

[www.novitechrd.com](http://www.novitechrd.com)

Certificate No : NT24506



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. SUGUNA .S from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training in Machine Learning**  
**18.04.2023 - 22.04.2023 (5 Days).**

[www.novitechrd.com](http://www.novitechrd.com)



NoviTech R&D Pvt Ltd.,

  
Mr. A VINOTH KUMAR  
Managing Director



Team NO :5

## INTERNSHIP REPORT

**COMPANY NAME:** Igonsoft

**LOCATION:** Chennai

### **ABOUT COMPANY:**

Igonsoft is to make IT reach for the small scale business and entrepreneurs in small town and rural population . Major area of concern is web development , web maintenance , software training and development based on the current IT market.

**TITLE:** BLOCK CHAIN

**DURATION:**13.03.2023-15.03.2023

### **WHAT WE LEARNT:**

We learn about Block chain , Cloud storage and Ledger.

### **IMAGE:**



**Certificate:**



Date: 15.03.2023

**INTERNSHIP CERTIFICATE**

This is to certify that Ms. SWETHA S. B.E.(CSE),  
Reg No.82111910404743, final year student of Kings College Of  
Engineering, Thanjavur has undergone the internship for Block Chain  
Technology in our company from 13<sup>th</sup> March 2023 to 15<sup>th</sup> March 2023.  
We found her sincere in her application to the training assignment.  
We wish her all the success in her future endeavors.

For IGONSOFT

Deputy Manager

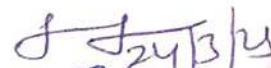
No. 2/27/1, Canara Bank Colony, Gandhi Nagar, Salligramam, Chennai - 600 093.  
Phone: +91 44 23627863 E-mail: info@igonsoft.com Website : www.igonsoft.com

Name: S. Swetha

Reg. No: 821119104047

  
24/3/23  
Guide sign

  
24/3/23  
co-ordinator sign

  
24/3/23  
HOD-sign

Certificate No : NTWIP183



# NoviTech

## CERTIFICATE OF COMPLETION

This is to Certify that Ms.KAMALI.K from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training in Blockchain**  
**10.03.2023 - 14.03.2023 (5 Days).**

NoviTech R&D Pvt Ltd.,

Mr. A. VINOTH KUMAR  
Managing Director



[www.novitechrd.com](http://www.novitechrd.com)



Batch-6.

## INDUSTRIAL TRAINING REPORT

**TEAM NUMBER:**6

**TEAM MEMBERS:** G.Akshayalakshmi, S.Devipriya, K.Tharanika

**COMPANY NAME:** NoviTech R&D Pvt Ltd.,

**LOCATION:** Coimbatore

### ABOUT COMPANY:

Novi Tech is a technology company specialised in product engineering with main focus to industries – Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:** Machine Learning

### DURATION:

10.03.2023-14.03.2023(S.Devipriya,K.Tharanika)

18.04.2023-22.04.2023(G.Akshayalakshmi)

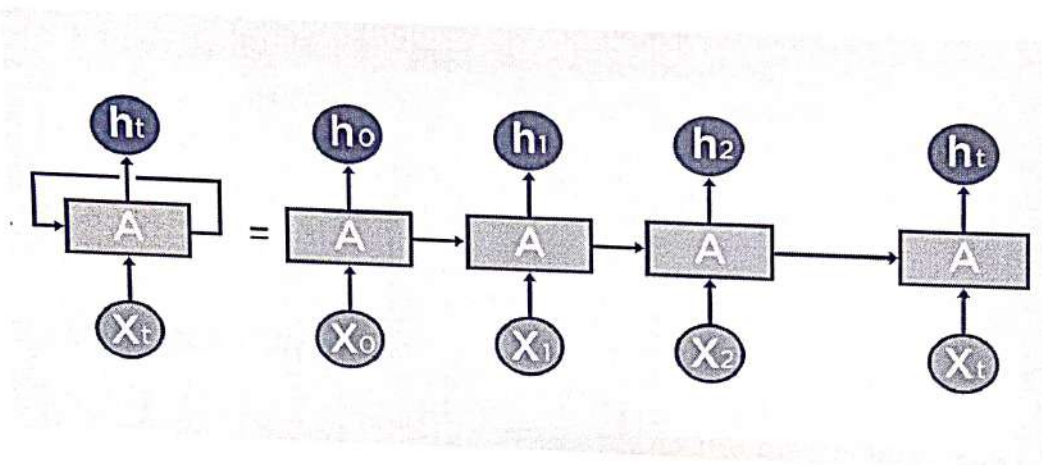
### WHAT WE LEARNT:

We learn about Artificial Intelligence, Machine Learning, and Deep Learning

- Recurrent Neural Network(RNN)
- Long short term memory(LSTM)
- Linear Regression

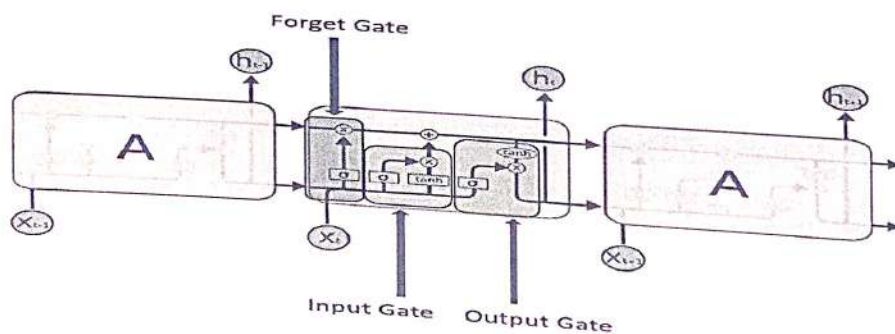
## Recurrent Neural Network(RNN)

Recurrent neural networks (RNNs) are the state of the art algorithm for sequential data and are used by Apple's Siri and Google's voice search. It is the first algorithm that remembers its input, due to an internal memory, which makes it perfectly suited for machine learning problems that involve sequential data.



## Long short term memory(LSTM)

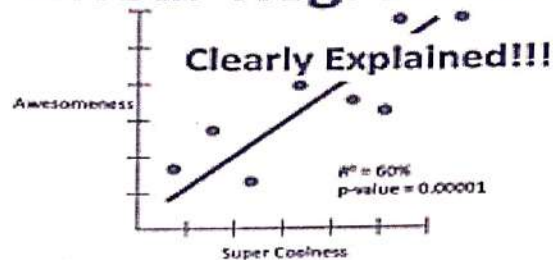
It is a variety of recurrent neural networks (RNNs) that are capable of learning long-term dependencies, especially in sequence prediction problems. LSTM has feedback connections. It is capable of processing the entire sequence of data, apart from single data points such as images.



## Linear Regression

Linear regression analysis is used to predict the value of a variable based on the value of another variable. The variable you want to predict is called the dependent variable. The variable you are using to predict the other variable's value is called the independent variable.

## Linear Regression



## TRAINING CERTIFICATE

Certificate No : NT24S01



**NoviTech**  
the innovation partner

### CERTIFICATE OF COMPLETION

This is to Certify that Ms. AKSHAYA LAKSHMI .G from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the Industrial Training in Machine Learning  
18.04.2023 - 22.04.2023 (5 Days).



NoviTech R&D Pvt Ltd.,

  
Mr. A.VINOTH KUMAR  
Managing Director

[www.novitechd.com](http://www.novitechd.com)



## INDUSTRIAL TRAINING PHOTO PROOF



Batch-6

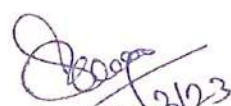
Team Members

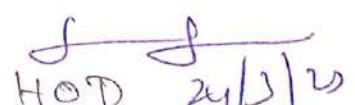
G-Akshayalakshmi (821119104006)

S-Devipriya (821119104014)

K.Tharanika (821119104048)

  
G. Anil  
Signature

  
Coordinator  
Signature

  
HOD  
Signature

## **INDUSTRIAL TRAINING REPORT**

**TEAM NUMBER:**7

**TEAM MEMBERS:**T.Bhavatharani, P.Deepika, T.Rethinapriya

**COMPANY NAME:**

NoviTech R&D Pvt Ltd.,

**LOCATION:**

Coimbatore

**ABOUT COMPANY:**

Novi Tech is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:**

Deep learning

**DURATION:**

10.03.2023-14.03.2023

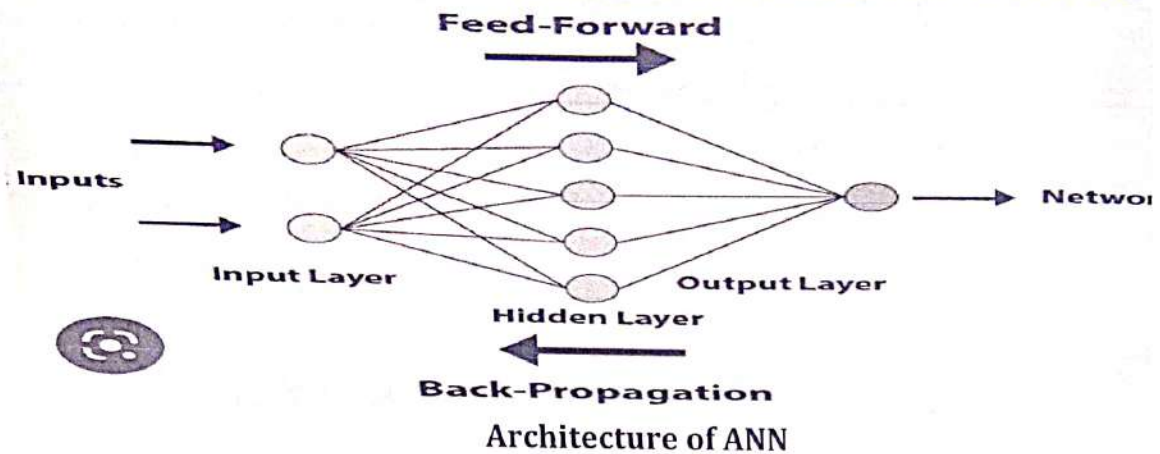
**WHAT WE LEARNT:**

We learn about Artificial Intelligence, Machine Learning, and Deep Learning

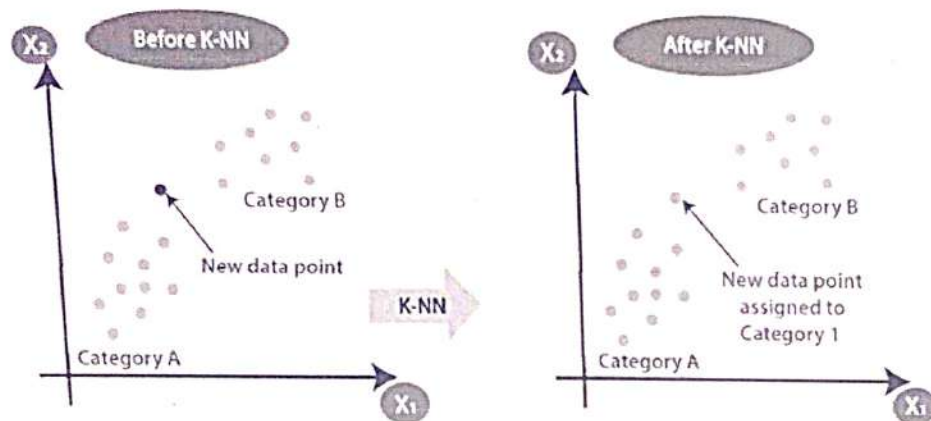
- Artificial Neural Network (ANN)
- K-Nearest Neighbors Algorithm
- Naive Bayes Classifier

## 1. Artificial Neural Network (ANN)

### Introduction to Artificial Neural Networks



## 2. K-Nearest Neighbors Algorithm



Architecture of KNN

## 3. Naive Bayes Classifier

Algorithm: (For weather condition)

$$P(\text{Yes}|\text{Sunny}) = P(\text{Sunny}|\text{Yes}) * P(\text{Yes}) / P(\text{Sunny})$$

$$P(\text{No}|\text{Sunny}) = P(\text{Sunny}|\text{No}) * P(\text{No}) / P(\text{Sunny})$$



## SNAPSHOTS:



Team Members :-

Bhavatharane.T  
(821119104012)

Deepika.P  
(821119104013)

Rethinapriya.T  
(821119104034).

JS Ravi  
23/3/23  
Guide Sign:

Coordinator Sign:

HOD Sign: 23/3/23

Certificate No : NTWIP173



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. BHAVATHARANI.T from

Kings College of Engineering , Department of Computer Science and Engineering has

Successfully Completed the **Industrial Training in Deep Learning**

**10.03.2023 - 14.03.2023 (5 Days).**

NoviTech R&D Pvt Ltd.,

Mr. A.VINOTH KUMAR  
Managing Director



[www.novitechrd.com](http://www.novitechrd.com)



## INDUSTRIAL TRAINING REPORT

**TEAM NUMBER: 8**

**TEAM MEMBERS: J.Fasila Afreen , S.Suruthi, R.Aarthi**

**COMPANY NAME: NoviTech R&D Pvt Ltd.,**

**LOCATION: Coimbatore**

### ABOUT COMPANY:

Novi Tech is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics , Industrial Electronics, high tech and utilities.

**TITLE:** Machine learning

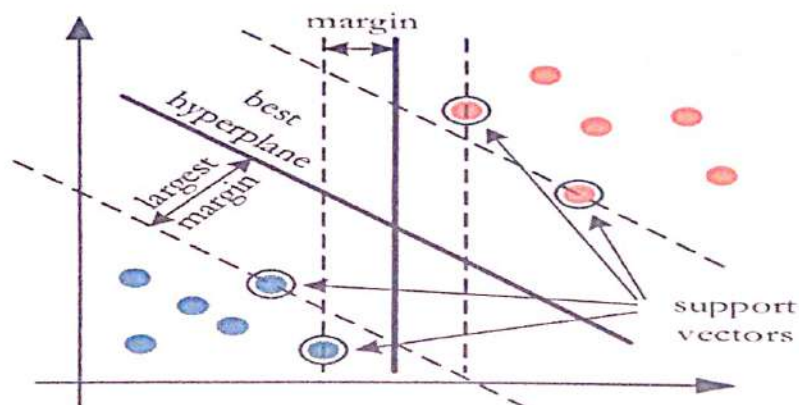
**DURATION:** 10.03.2023-14.03.2023

### WHAT WE LEARNT:

We learn about Artificial Intelligence , Machine Learning , Deep Learning.

### Support Vector Machine (SVM) :

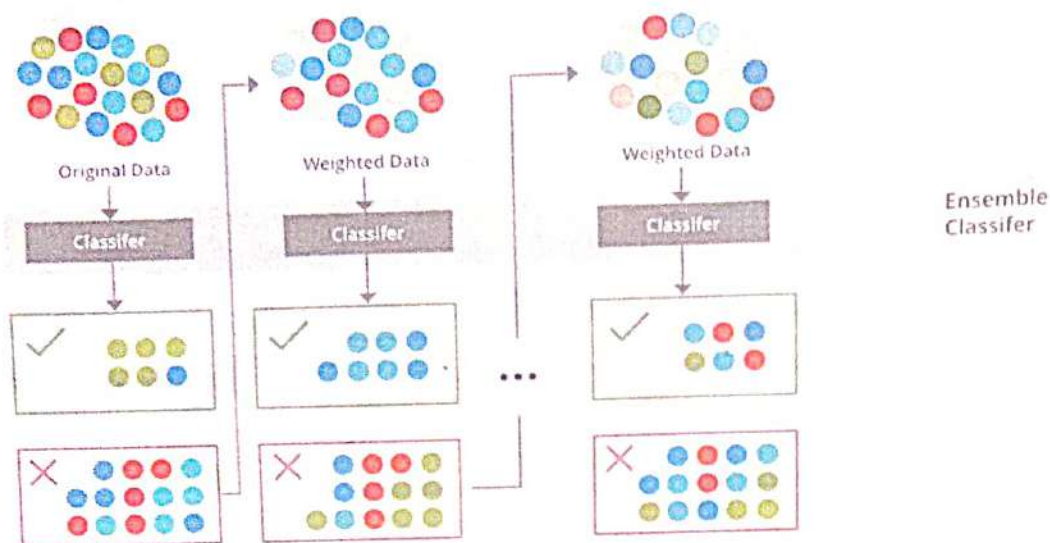
Support vector machine modelling is a promising classification approach for detecting a complex disease like heart disease using common, simple variables.





### Extreme Gradient (XG-Boost) Algorithm:

Data preprocessing is an important prerequisite for model accuracy guarantee, making the XG Boost modeling process more efficient. The comparison of the algorithms makes it clear that XG Boost is more efficient among some traditional algorithms.



### SNAPSHOTS:



GUIDE

CO-ORDINATOR

HOD/CSE

Certificate No : NTWIP170



**NoviTech**  
the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Ms. FASILA AFREEN.J from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training in Machine Learning**  
**10.03.2023 - 14.03.2023 (5 Days).**

[www.novitechrd.com](http://www.novitechrd.com)



NoviTech R&D Pvt Ltd.,

  
Mr. A.VINOTH KUMAR  
Managing Director

## INDUSTRIAL TRAINING REPORT

**TEAM NUMBER:**9

**TEAMMEMBERS:** A.B.Avudaiappan, K.Govindharajan, A.Mohamed Yasir, K.Varun

**COMPANY NAME:**

Pantech ProEd Pvt Ltd.

**LOCATION:**

Madurai

**ABOUT COMPANY:**

Pantech ProEd Pvt Ltd is an Indian company that specializes in providing technical training and education services in various fields, including engineering, technology, and management.

**TITLE:**

Machine Learning

**DURATION:**

14.03.2023-21.03.2023

**WHAT WE LEARNT:**

We learn about Machine Learning

**Machine Learning**-Machine learning enables software applications to become more accruable at predicting outcomes without being explicitly programmed to do so. Machine learning algorithms use historical data as input to predict new output values.

**Learn the basics of programming:** Before diving into machine learning, you need to have a good understanding of at least one programming language. Python is a popular language for machine learning and has many



libraries and frameworks that make it easy to implement machine learning algorithms.

**Understand the fundamentals of statistics and linear algebra:** Machine learning involves a lot of statistical analysis and linear algebra. Having a solid foundation in these areas will help you understand the algorithms and models you'll be working with.

**Learn about different types of machine learning:** There are three main types of machine learning: supervised learning, unsupervised learning, and reinforcement learning. It's important to understand the differences between these types and when to use them.

**Study machine learning algorithms:** There are many machine learning algorithms, such as linear regression, decision trees, and neural networks. Learn about these algorithms and how they work.

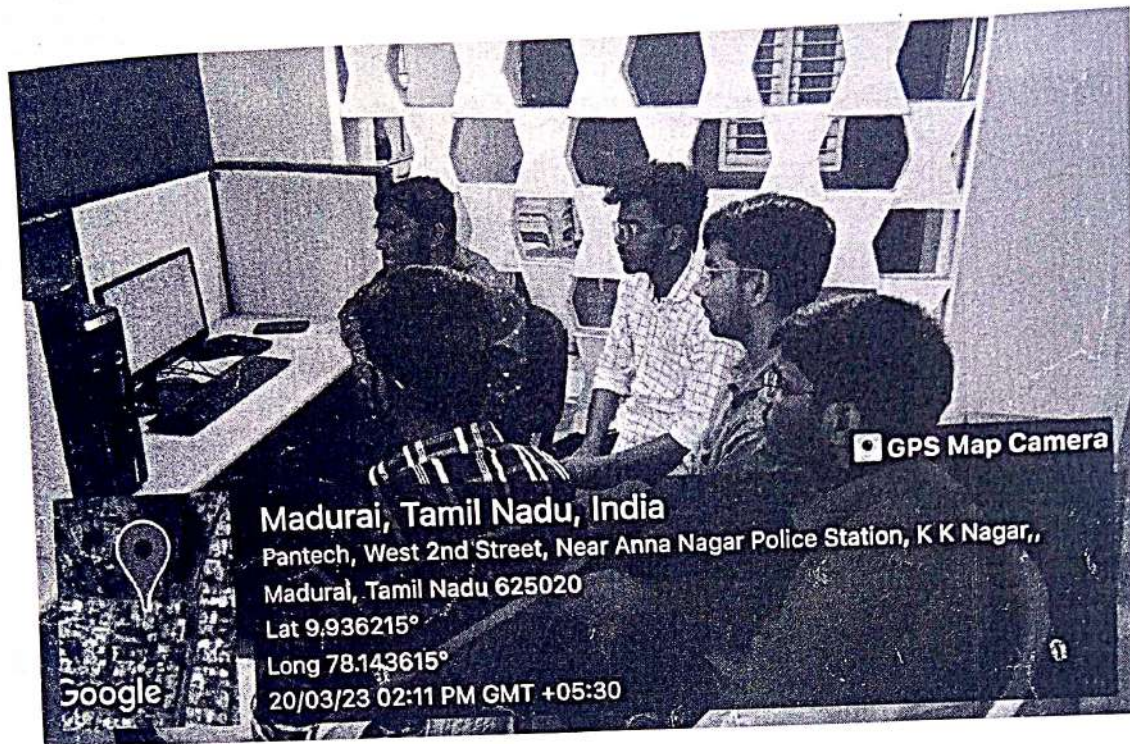
**Practice on real-world problems:** The best way to learn machine learning is by doing. Try solving real-world problems using machine learning algorithms. Kaggle is a good platform to practice your skills.

  
Project guide sign

  
Co-ordinator sign

  
HOD

**SNAPSHOTS:**







Certificate NO: PANMD758

# Certificate of Completion

This is to certify that Mr./Ms MOHAMED YASIR A  
From KINGS COLLEGE OF ENGINEERING  
department of COMPUTER SCIENCE & ENGINEERING has  
successfully completed the Internship program in  
MACHINE LEARNING

Duration: 14/3/23 to: 21/3/23

Technical Director

Branch Manager



21/3/23

Date of Issue



**Pantech ProEd Pvt.Ltd**





Certificate NO: PANMD756

# Certificate of Completion

This is to certify that Mr./Ms- VARUN K

From KING'S COLLEGE OF ENGINEERING  
department of COMPUTER SCIENCE & ENGINEERING has  
successfully completed the Internship program in  
MACHINE LEARNING

Duration: 14/3/23 to: 21/3/23

Technical Director



Branch Manager

21/3/23

Date of Issue



**Pantech ProEd Pvt.Ltd**

## INTERNSHIP REPORT

**COMPANY NAME:** NoviTech R&D Pvt Ltd.,

**LOCATION:** Coimbatore

### **ABOUT COMPANY:**

Novi Tech is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics , Industrial Electronics, high tech and utilities.

**TITLE:** Web Development

**DURATION:**10.03.2023-14.03.2023

### **WHAT WE LEARNT:**

1. Technologies used for web development: We learnt about the programming languages, frameworks, libraries, and tools used by the company for web development. This could include languages like HTML, CSS, JavaScript, and frameworks like React, Angular, or Vue.

2. Design and development process: We learnt about the company's design and development process, including how they gather requirements, design the user interface, and test their web applications.

3. Web hosting and deployment: We learnt about the various web hosting and deployment options available, including cloud-based hosting services like Amazon Web Services (AWS) or Microsoft Azure.

4. Web security: We learnt about the various security measures that are taken to protect web applications from cyber threats.



Overall, in web development company provide us with a practical understanding of how web applications are developed, and the various technologies and processes involved.

IMAGE:



Batch-10

A. Viswa (821119104053)

N. Muralidharan (821119104028)

M. Gokul (821119104019)

24/3/23  
Head Signature

24/3/23  
Coordinator  
Signature

24/3/23  
HOD  
Signature.



Certificate No : NTWIP164



**NoviTech**  
the innovation partner

## CERTIFICATE OF COMPLETION

This is to Certify that Mr. GOKUL. M from  
Kings College of Engineering , Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training in Web Development**  
**10.03.2023 - 14.03.2023 (5 Days).**

NoviTech R&D Pvt Ltd.,

Mr. A. VINOTH KUMAR  
Managing Director



[www.novitechrd.com](http://www.novitechrd.com)

## INTERNSHIP REPORT

**TEAM NO : 11**

**TEAM MEMBERS : E. Ramakrishnan, S. Vengatramanan, K. Vignesh**

**COMPANY NAME:** NoviTech R&D Pvt Ltd.,

**LOCATION:** Coimbatore

### ABOUT COMPANY:

Novi Tech is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics , Industrial Electronics, high tech and utilities.

**TITLE:** Android App Development

**DURATION:**10.03.2023-14.03.2023

### WHAT WE LEARNT:

1. **Android software development** is the process by which applications are created for devices running the Android Operating System.

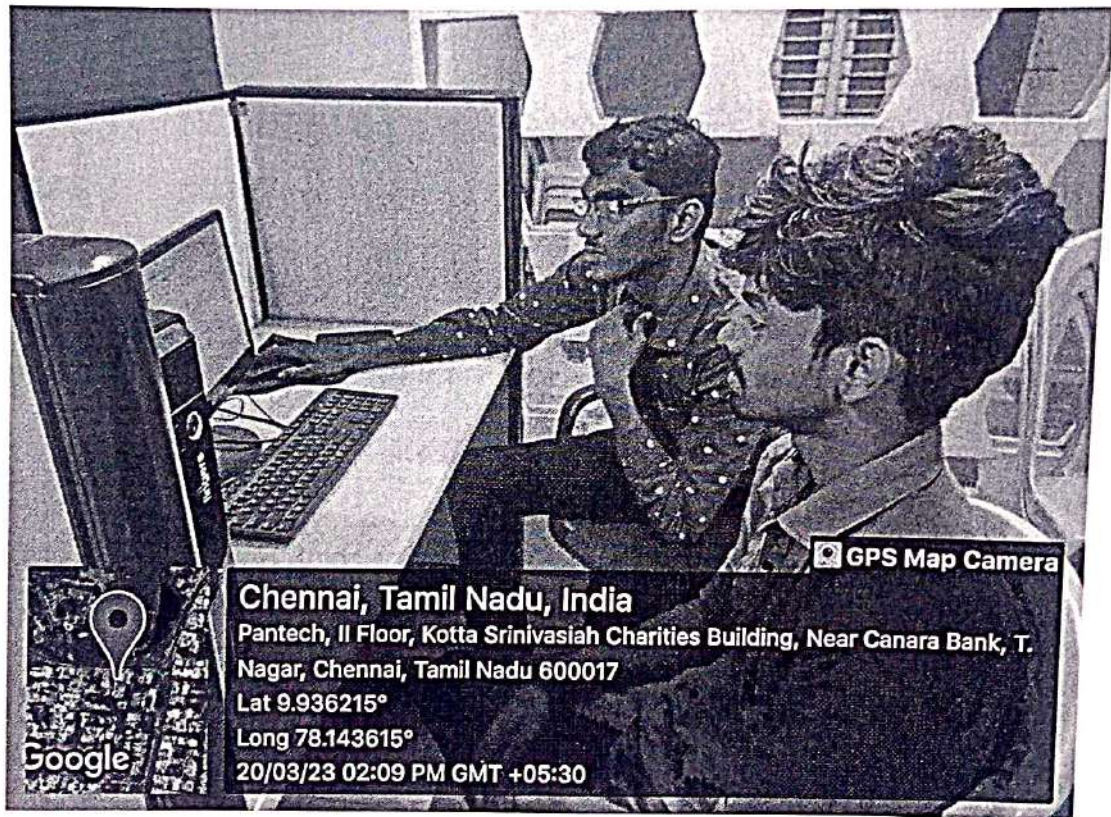
2. Android apps can be written using Kotlin, Java, and C++ languages" using the Android software development kit (SDK), while using other languages is also possible.

3. All non-Java virtual machine languages, such as Go, JavaScript, C, C++ or assembly, need the help of JVM language code, that may be supplied by tools, likely with restricted API support. Some programming languages and tools allow cross-platform app support.

4. We learned basic about android studio app and basics of java and some packages and how to use the packages.

Overall, in Android App development company provide us with a practical understanding of how a Android applications are developed, and the various technologies and processes involved.

**IMAGE:**







Certificate NO: PANMD759

## Certificate of Completion

This is to certify that Mr./Ms RAMAKRISHNAN-E  
From KINGS COLLEGE OF ENGINEERING  
department of COMPUTER SCIENCE & ENGINEERING has  
successfully completed the Internship program in  
ANDROID APPLICATIONS

Duration: 17/3/23 to: 21/3/23

Technical Director



21/3/23  
Date of Issue



**Pantech ProEd Pvt. Ltd**

© Pantech ProEd Private Limited













C.No: APRAND1991

## CERTIFICATE OF COMPLETION

This certificate is presented to

Mr./Ms. VIGNESH K (821119104051)

Has Successfully Completed INDUSTRIAL Training Program  
in "ANDROID APP DEVELOPMENT"

During 26.04.2023 TO 28.04.2023

Congratulations on a job well done!



*N. Srinivas*  
Director

*S. S. L. L.*  
Technical Head

## **INDUSTRIAL TRAINING REPORT**

**TEAM NUMBER:**12

**NAME:** S.Selvabharathi

**COMPANY NAME:**

Appin Technology Pvt Ltd.,

**LOCATION:**

Coimbatore

**ABOUT COMPANY:**

Appin Technology is a technology company specialized in product engineering with main focus to industries – Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:**

Machine Learning

**DURATION:**

18.03.2023-21.03.2023

**WHAT WE LEARNT:**

We learn about Machine Learning and its algorithms

### **What Is Machine Learning?**

Machine learning is a branch of and computer science which focuses on the use of data and algorithms to imitate the way that humans learn, gradually improving its accuracy.

It involves training computer algorithms to analyze data and make predictions or decisions based on that data. The process of machine learning involves feeding large amounts of data into algorithms, which then use statistical techniques to identify patterns and relationships in data

## Machine Learning Algorithms

### Training machine learning algorithms: four methods

Everyone learns differently – including machines. In this section, you will learn about four different learning styles used to train machine learning algorithms: supervised learning, unsupervised learning, reinforcement learning, and semi-supervised learning

### Supervised learning algorithms

A **supervised learning algorithm** uses a labeled data set to train an algorithm, effectively guaranteeing that it has an answer key available to cross-reference predictions and refine its system. As a result, supervised learning is best suited to algorithms faced with a specific outcome in mind, such as classifying images.

For example, an algorithm meant to identify different plant types might be trained using images that are already labeled with their names (e.g., “rose,” “pumpkin,” or “aloe vera”). Through supervised learning, the algorithm would be able to identify the differentiating features for each plant classification effectively and eventually do the same with an unlabeled data set.

### Definitions: Classification and Regression

Below, we jump into explaining the different types of supervised learning algorithms. All of them can either be used for classification or regression, or both.

**Classification** means an either/or result using binary (0 = no, 1 = yes). So the algorithm will classify something as either one or another, but never both. There is also **multi-class classification**, which deals with organizing data into defined categories or types relevant to a specific need.

**Regression** means the result will end with a real number (either round or a decimal point). You usually have a dependent variable and an independent variable, and the algorithm will use both points to estimate a possible other result (either forecast or generalized estimate).



## **Decision Tree**

Decision Tree is a Supervised learning technique that can be used for both classification and Regression problems, but mostly it is preferred for solving Classification problems. It is a tree-structured classifier, where internal nodes represent the features of a dataset, branches represent the decision rules and each leaf node represents the outcome.

In a Decision tree, there are two nodes, which are the **Decision Node** and **Leaf Node**. Decision nodes are used to make any decision and have multiple branches, whereas Leaf nodes are the output of those decisions and do not contain any further branches

## **Random Forest**

In a random forest, many decision trees (sometimes hundreds or even thousands) are each trained using a random sample of the training set (a method known as “**bagging**”). Afterward, researchers put the same data into each decision tree in the random forest and tally their end results. The most common result is then selected as the most likely outcome for the data set.

## **Support Vector Machines**

The support vector machine (SVM) algorithm is another common AI algorithm that can be used for either classification or regression (but is most often used for classification). SVM works by plotting each piece of data on a chart (in N dimensional space where  $N$  = the number of datapoints). Then, the algorithm classifies the datapoints by finding the hyperplane that separates each class. There can be more than one hyperplane.

## **Naive Bayes**

**Naive Bayes** is a set of supervised learning algorithms used to create predictive models for either binary or multi-classification. Based on **Bayes’ theorem**, Naive Bayes operates on conditional probabilities, which are independent of one another but indicate the likelihood of a classification based on their combined factors.

For example, a program created to identify plants might use a naive Bayes algorithm to categorize images based on particular factors, such as perceived size, color, and shape.

### **Linear regression**

**Linear regression** is a supervised learning algorithm used to predict and forecast values within a continuous range, such as sales numbers or prices.

Originating from statistics, linear regression performs a **regression task**, which maps a constant slope using an input value (X) with a variable output (Y) to predict a numeric value or quantity. Linear regression uses labeled data to make predictions by establishing a **line of best fit**, or “regression line”, that is approximated from a scatter plot of data points. As a result, linear regression is used for predictive modeling rather than categorization.

### **Logistic regression**

**Logistic regression**, or “logit regression,” is a supervised learning algorithm used for binary classification, such as deciding whether an image fits into one class or another.

Originating from statistics, logistic regression technically predicts the *probability* that an input can be categorized into a single primary class. In practice, however, this can be used to group outputs into one of two categories (“the primary class” or “*not* the primary class”). This is achieved by creating a range for binary classification, such as any output between 0-.49 is put in one group and any between .50 - 1.00 is put in another.

As a result, logistic regression in machine learning is typically used for binary categorization rather than predictive modeling.

### **Unsupervised learning algorithms**

An **unsupervised learning algorithm** uses an unlabeled data set to train an algorithm, which must analyze the data to identify distinctive features, structures, and anomalies. Unlike supervised learning, researchers use unsupervised learning when they *don't* have a specific outcome in mind, instead, they use the algorithm to cluster data and identify patterns, associations, or anomalies.



## **Definition: Clustering**

Many unsupervised learning algorithms perform the function of clustering, which means they sort the unlabeled data points into pre-defined clusters. The goal is to have each data point belong to only one cluster, with no overlap. There can be more than one data point in any given cluster, but a data point cannot belong to more than one cluster.

## **K-means clustering**

K-means is an algorithm designed to perform the clustering function in unsupervised learning. It does this by taking in the pre-determined clusters and plotting out all the data regardless of the cluster. It then plots a randomly-selected piece of data as the centroid for each cluster (think of it as a circle around each cluster, with that piece of data as the exact center point). From there, it sorts the remaining data points into clusters based on their proximity to each other and the centroid data point for each cluster.

Both supervised and unsupervised algorithms

Some Machine learning algorithms can use either supervised or unsupervised data input and still function. They might have slightly different applications based on their status.

## **K-nearest neighbor algorithm**

A **K-nearest neighbor** is a supervised learning algorithm used for classification and predictive modeling.

True to its name, KNN algorithms classify an output by its proximity to other outputs on a graph. For example, if an output is closest to a cluster of blue points on a graph rather than a cluster of red points, then it would be classified as a member of the blue group. This approach means that KNN algorithms can be used to either classify known outcomes or predict the value of unknown ones.

## **Neural Networks**

Neural network algorithm is a term for a collection of AI algorithms that mimic the functions of a human brain. These tend to be more complex than many of the



algorithms discussed above and have applications beyond some of the ones discussed here. In unsupervised and supervised learning, it can be used for classification and pattern recognition.

### **Reinforcement learning algorithms**

In **reinforcement learning** a machine or AI agent attempts to accomplish a task, receives feedback as it does so, and then iterates a new approach until it has devised the optimal solution. As a result, reinforcement learning is akin to the way that a child learns to maneuver a new environment: first, they explore, then interact with it, and over time learn how to seamlessly maneuver the space.

Due to the feedback loops required to develop better and better strategies, reinforcement learning is often used in video game environments where conditions can be controlled and feedback is reliably given. Over time, the machine or AI learns through the accumulation of feedback until it achieves the optimal path to its goal.

### **Definitions: Model, Policy, Value**

In reinforcement algorithms, there are slightly different approaches depending on what is being measured and how it's being measured. Here are some definitions of different models and measures:

- **Policy:** The approach the agent takes to determine the next action taken by the agent.
- **Model:** The situation and dynamics of the environment.
- **Value:** The expected long-term results. This is different from the reward, which is the result of a single action within the environment. The Value is the long-term result of many actions.

### **Value-based**

In a value-based reinforcement algorithm the agent pushes toward an expected long-term return, instead of just focusing on the short-term reward.

### **Policy-based**

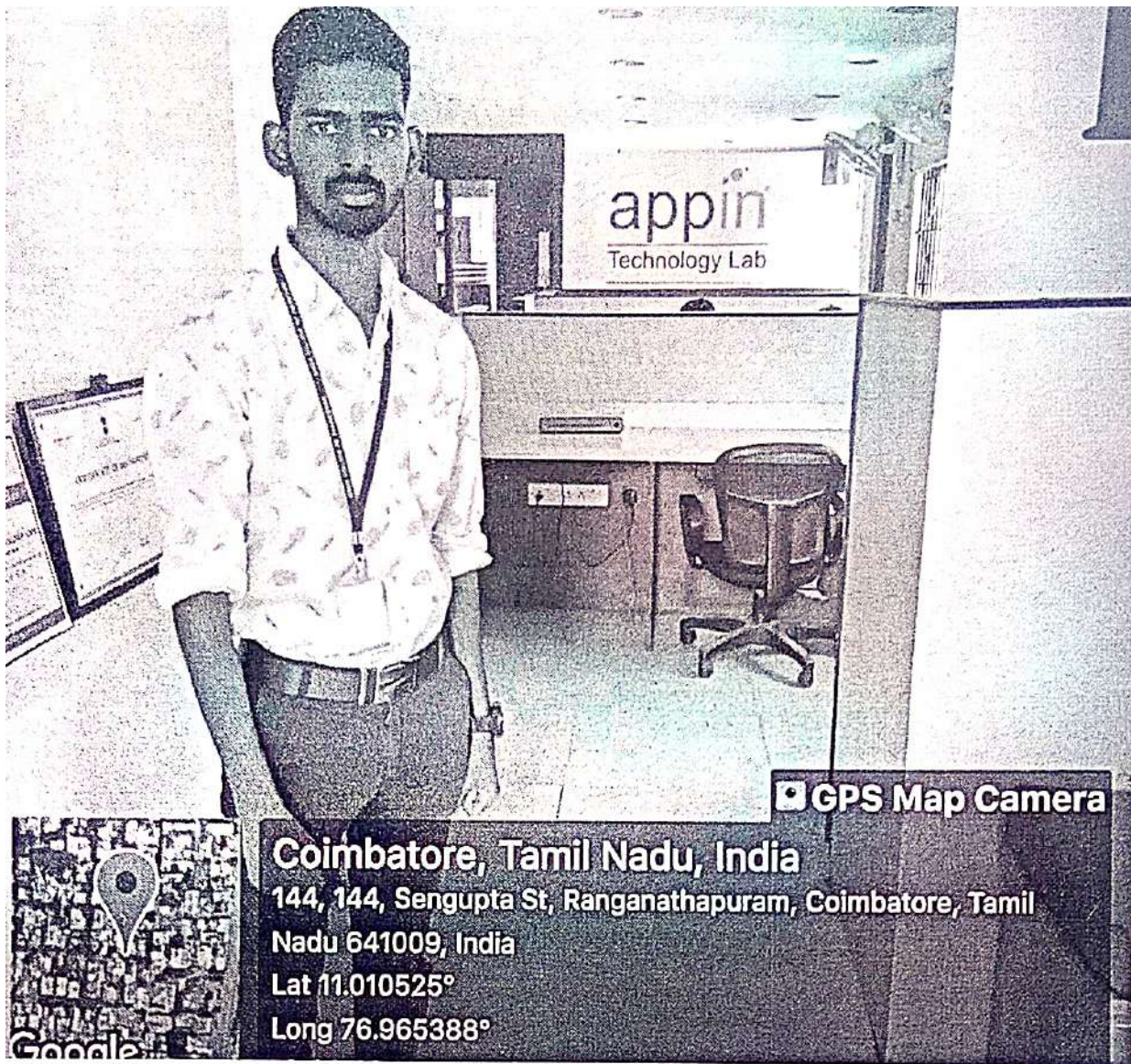
A policy-based reinforcement algorithm usually takes one of two approaches to determining the next course of action. Either a standardized approach where any state produces the same action or a dynamic approach where certain probabilities are mapped out and probabilities calculated. Each probability has its own policy reaction.

### **Model-based**

In this algorithm, the programmer creates a different dynamic for each environment. That way, when the agent is put into each different model, it learns to perform consistently under each condition.

**SNAPSHOTS:**





GPS Map Camera



**Coimbatore, Tamil Nadu, India**

144, 144, Sengupta St, Ranganathapuram, Coimbatore, Tamil Nadu 641009, India

Lat 11.010525°

Long 76.965388°



Certificate No: NTWIP176



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the innovation partner

## **CERTIFICATE OF COMPLETION**

This is to Certify that Mr. DIVAKARAN.J from  
Kings College of Engineering, Department of Computer Science and Engineering  
has Successfully Completed the **Industrial Training** in **Machine Learning**  
**10.03.2023 - 14.03.2023 (5 Days).**



NoviTech R&D Pvt Ltd.,

  
Mr. A. VINOTH KUMAR  
Managing Director

## **INDUSTRIAL TRAINING REPORT**

**TEAM NUMBER:**13

**TEAM MEMBERS:** G.Siva

**COMPANY NAME:**

Appin Technology Pvt Ltd.,

**LOCATION:**

Coimbatore

**ABOUT COMPANY:**

Appin Technology is a technology company specialized in product engineering with main focus to industries - Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:**

Internet of Things

**DURATION:**

18.03.2023-21.03.2023

**WHAT WE LEARNT:**

We learn about Internet of Things (IoT) and its concept and how its work in home automation

### **1 .INTERNET OF THINGS:**

The Internet of Things (IoT) refers to a network of physical objects or devices, such as smartphones , appliances, vehicles, and sensors, that are connected to the internet and can communicate with each other. The IoT allows for the collection, analysis, and sharing of data, creating opportunities for automation, improved

efficiency, and new applications and services. The devices in an IoT system may be equipped with sensors, processors, and communication hardware that allow them to monitor and respond to their environment. The data generated by these devices can be analyzed to derive insights and inform decision-making. Examples of IoT applications include smart homes, industrial automation, wearable devices, smart cities, and healthcare monitoring. The growth of the IoT has the potential to revolutionize many industries and create new opportunities for innovation and economic growth.

## **2. HOW WORK NODE MCU ESP8266:**

The Node MCU is a development board based on the ESP8266 microcontroller, which is a low-cost Wi-Fi enabled chip designed for IoT (Internet of Things) applications. Here are the basic steps on how the Node MCU ESP8266 works

**POWER SUPPLY:** The Node MCU ESP8266 requires a power supply of 3.3V DC. This can be provided through the USB port, or through an external power source such as a battery or a power supply unit.

**WIFI CONNECTIVITY:** The ESP8266 chip on the Node MCU board has built-in Wi-Fi capability, which allows it to connect to a Wi-Fi network and communicate with other devices over the internet. This is achieved through the use of a Wi-Fi module and an antenna on the board.

**PROGRAMMING:** The Node MCU ESP8266 can be programmed using the Lua scripting language, which is a lightweight and easy-to-learn language. It can also be programmed using the Arduino IDE (Integrated Development Environment) with the help of an ESP8266 Arduino Core.



**GPIO PINS:** The Node MCU ESP8266 has a number of General Purpose Input/Output (GPIO) pins that can be used to connect to various sensors and actuators. These pins can be controlled using the programming language of choice to perform various functions.

**DEVELOPMENT ENVIRONMENT:** The Node MCU ESP8266 can be programmed using various development environments, such as the LuaLoader, ESPlorer, and Arduino IDE. These environments allow the programmer to write and test code, and then upload it to the Node MCU board for execution. Overall, the Node MCU ESP8266 is a versatile and easy-to-use development board that can be used to build a wide range of IoT projects.

### **3.HOW WORK BLYNK APP:**

Blynk is a mobile app that allows you to control your hardware projects from your smartphone or tablet.

**INSTALL THE BLYNK APP:** First, you need to download and install the Blynk app on your smartphone or tablet. The app is available for free on both iOS and Android platforms.

**CREATE AN ACCOUNT:** After installing the app, you will need to create an account with Blynk. This will allow you to connect your hardware project to the Blynk cloud server and control it remotely.

**CREATE A NEW PROJECT:** Once you have created an account, you can create a new project in the Blynk app. This involves selecting the type of hardware you are using (e.g., Arduino, Raspberry Pi, etc.), selecting the communication protocol

(e.g., Wi-Fi, Bluetooth, etc.), and choosing the widgets you want to use to control your hardware.

**GENERATE AN AUTHENTICATION TOKEN:** To connect your hardware to the Blynk cloud server, you need to generate an authentication token in the Blynk app. This token is unique to your project and is used to establish a secure connection between your hardware and the Blynk cloud server.

**UPLOAD THE CODE TO YOUR HARDWARE:** Next, you need to upload the code to your hardware that will allow it to communicate with the Blynk cloud server. Blynk provides libraries and example code for a wide range of hardware platforms that make this step relatively easy.

**START THE PROJECT:** Once you have uploaded the code to your hardware, you can start the project in the Blynk app. This will connect your hardware to the Blynk cloud server, and you can begin controlling it using the widgets you selected earlier.

**CONTROL YOUR HARDWARE:** With the project running, you can use the Blynk app to control your hardware remotely. This might involve turning on and off lights, adjusting temperature settings, or monitoring sensors, depending on the type of project you have created

#### **4. HOW WORK IR REMOTE IN HOME AUTOMATION:**

To control an infrared (IR) remote as part of a home automation system, you will need to use a device that can both receive and transmit IR signals. Here is a general overview of how this can be done:

**CHOOSE A DEVICE:** There are many different devices available that can receive and transmit IR signals, such as the Broadlink RM Mini 3, the Sonoff T1, or the Logitech Harmony Hub. Choose a device that is compatible with your home automation platform and fits your specific needs.

**CONNECT THE DEVICE:** Once you have chosen a device, you will need to connect it to your home automation system. This may involve configuring the device's Wi-Fi settings, setting up an account with the manufacturer, or using an integration platform such as IFTTT or Home Assistant.

**TEACH THE DEVICE:** Once the device is connected to your home automation system, you will need to teach it the IR codes for your remote. This typically involves putting the device in "learning mode," pointing the remote at the device, and pressing the buttons on the remote to teach the device the codes.

**CREATE AUTOMATIONS:** Once the device has learned the IR codes, you can create automations in your home automation system to control the remote. For example, you might create an automation that turns on the TV and sets the input to HDMI 1 when you say "Hey Google, turn on the TV."

Overall, integrating an IR remote into your home automation system can be a useful way to control your entertainment devices, lighting, and other devices from a single interface. However, the specific steps required will depend on the device and home automation platform you are using.



Date: 21.03.2023

**INDUSTRIAL TRAINING CERTIFICATE**

This is to inform that **Mr SIVA G**, 4<sup>th</sup> year, **BACHELOR OF ENGINEERING IN COMPUTER SCIENCE ENGINEERING**, student of **KINGS COLLEGE OF ENGINEERING, COIMBATORE**, has attended Industrial training in our organization from March 18<sup>th</sup> 2023 to March 21<sup>st</sup> 2023.

During this Industrial training, he has learned the overview concepts of **INTERNET OF THINGS**.

Thanking You.

FOR APPIN TECHNOLOGY LAB.

*G. S. H. + pr*

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## **INDUSTRIAL TRAINING REPORT**

**TEAM NUMBER:**15

**TEAM MEMBERS:** S.Aiyappan, P.Gopinath, M.Shakthivel, J.Sureshkarthik.

**COMPANY NAME:**

Appin Technology Pvt Ltd.,

**LOCATION:**

Coimbatore

**ABOUT COMPANY:**

Appin Technology is a technology company specialized in product engineering with main focus to industries - Automotive and Robotics, Industrial Electronics, high tech and utilities.

**TITLE:**

Artificial Intelligence

**DURATION:**

18.03.2023-21.03.2023

**WHAT WE LEARNT:**

We learn about Artificial Intelligence and its algorithms

### **What Is Artificial Intelligence?**

To simply put it, Artificial Intelligence *is* the science of getting machines to think and make decisions like human beings do.

Since the development of complex Artificial Intelligence Algorithms, it has been able to accomplish this by creating machines and robots that are applied in a wide range of fields including agriculture, healthcare, robotics, marketing, business analytics and many more.

## Artificial Intelligence Algorithms

### Supervised learning algorithms

The first, and most commonly used category of algorithms is “Supervised learning.” These work by taking in clearly-labeled data while being trained and using that to learn and grow. It uses the labeled data to predict outcomes for other data. The name “supervised learning” comes from the comparison of a student learning in the presence of a teacher or expert.

Building a supervised learning algorithm that actually works takes a team of dedicated experts to evaluate and review the results, not to mention data scientists to test the models the algorithm creates to ensure their accuracy against the original data, and catch any errors from the AI.

### Definitions: Classification and Regression

Below, we jump into explaining the different types of supervised learning algorithms. All of them can either be used for classification or regression, or both.

**Classification** means an either/or result using binary (0 = no, 1 = yes). So the algorithm will classify something as either one or another, but never both. There is also **multi-class classification**, which deals with organizing data into defined categories or types relevant to a specific need.

**Regression** means the result will end with a real number (either round or a decimal point). You usually have a dependent variable and an independent variable, and the algorithm will use both points to estimate a possible other result (either forecast or generalized estimate).

### Decision Tree

One of the most common supervised learning algorithms, decision trees get their name because of their tree-like structure (even though the tree is inverted). The “roots” of the tree are the training datasets and they lead to specific nodes which denote a test attribute. Nodes often lead to other nodes, and a node that doesn’t lead onward is called a “leaf”.

Decision trees classify all the data into decision nodes. It uses a selection criteria called Attribute Selection Measures (ASM) which takes into account various



measures (some examples would be entropy, gain ratio, information gain, etc). Using the root data and following the ASM, the decision tree can classify the data it is given by following the training data into sub-nodes until it reaches the conclusion.

### **Random Forest**

The random forest algorithm is actually a broad collection of different decision trees, leading to its name. The random forest builds different decision trees and connects them to gain more accurate results. These can be used for both classification and regression.

### **Support Vector Machines**

The support vector machine (SVM) algorithm is another common AI algorithm that can be used for either classification or regression (but is most often used for classification). SVM works by plotting each piece of data on a chart (in  $N$  dimensional space where  $N$  = the number of datapoints). Then, the algorithm classifies the datapoints by finding the hyperplane that separates each class. There can be more than one hyperplane.

### **Naïve Bayes**

The reason this algorithm is called “Naïve Bayes” is that it’s based on Bayes’ Theorem, and also relies heavily on a large assumption: that the presence of one particular feature is unrelated to the presence of other features in the same class. That major assumption is the “naïve” aspect of the name.

Naïve Bayes is useful for large datasets with many different classes. It, like many other supervised learning algorithms, is a classification algorithm.

### **Linear regression**

Linear regression is a supervised learning AI algorithm used for regression modeling. It’s mostly used for discovering the relationship between data points, predictions, and forecasting. Much like SVM, it works by plotting pieces of data on a chart with the X-axis is the independent variable and the Y-axis is the dependent variable. The data points are then plotted out in a linear fashion to determine their relationship and forecast possible future data.

## **Logistic regression**

A logistic regression algorithm usually uses a binary value (0/1) to estimate values from a set of independent variables. The output of logistic regression is either 1 or 0, yes or no. An example of this would be a spam filter in email. The filter uses logistic regression to mark whether an incoming email is spam (0) or not (1).

Logistic regression is only useful when the dependent variable is categorical, either yes or no.

## **Unsupervised learning algorithms**

It may at this point be relatively easy to guess what unsupervised learning algorithms mean, in comparison to supervised learning. Unsupervised learning algorithms are given data that isn't labeled. Unsupervised learning algorithms use that unlabeled data to create models and evaluate the relationships between different data points in order to give more insight to the data.

### **Definition: Clustering**

Many unsupervised learning algorithms perform the function of clustering, which means they sort the unlabeled data points into pre-defined clusters. The goal is to have each data point belong to only one cluster, with no overlap. There can be more than one data point in any given cluster, but a data point cannot belong to more than one cluster.

### **K-means clustering**

K-means is an algorithm designed to perform the clustering function in unsupervised learning. It does this by taking in the pre-determined clusters and plotting out all the data regardless of the cluster. It then plots a randomly-selected piece of data as the centroid for each cluster (think of it as a circle around each cluster, with that piece of data as the exact center point). From there, it sorts the remaining data points into clusters based on their proximity to each other and the centroid data point for each cluster.

### **Gaussian mixture model**

Gaussian mixture models are similar to K-means clustering in many ways. Both are concerned with sorting data into pre-determined clusters based on proximity.



However, Gaussian models are a little more versatile in the shapes of the clusters they allow.

Picture a graph with all your data points plotted out. K-means clustering only allows data to be clustered in circles with the centroid in the center of each cluster. Gaussian mixture can handle data that lands on the graph in more linear patterns, allowing for oblong-shaped clusters. This allows for greater clarity in clustering if one datapoint lands inside the circle of another cluster.

Both supervised and unsupervised algorithms

Some AI algorithms can use either supervised or unsupervised data input and still function. They might have slightly different applications based on their status.

### **K-nearest neighbor algorithm**

K-nearest neighbor (KNN) algorithm is a simplistic AI algorithm that assumes that all the data points provided are in proximity to each other and plots them out on a map to show the relationship between them. Then the algorithm can calculate the distance between data points in order to extrapolate their relationship, and calculate the distance on a graph.

In supervised learning, it can be used for either classification or regression applications. In unsupervised learning, it's popularly used for anomaly detection; that is, finding data that doesn't belong and removing it.

### **Neural Networks**

Neural network algorithm is a term for a collection of AI algorithms that mimic the functions of a human brain. These tend to be more complex than many of the algorithms discussed above and have applications beyond some of the ones discussed here. In unsupervised and supervised learning, it can be used for classification and pattern recognition.

### **Reinforcement learning algorithms**

The last major type of AI algorithm is reinforcement learning algorithms, which learn by taking in feedback from the result of its action. This is typically in the form of a "reward."



A reinforcement algorithm is usually composed of two major parts: an agent that performs an action, and the environment in which the action is performed. The cycle begins when the environment sends a "state" signal to the agent. That queues the agent to perform a specific action within the environment. Once the action is performed, the environment sends a "reward" signal to the agent, informing it on what happened, so the agent can update and evaluate its last action. Then, with that new information, it can take the action again. That cycle repeats until the environment sends a termination signal.

There are two types of reinforcement the algorithm can use: either a positive reward, or a negative one.

### **Definitions: Model, Policy, Value**

In reinforcement algorithms, there are slightly different approaches depending on what is being measured and how it's being measured. Here are some definitions of different models and measures:

- **Policy:** The approach the agent takes to determine the next action taken by the agent.
- **Model:** The situation and dynamics of the environment.
- **Value:** The expected long-term results. This is different from the reward, which is the result of a single action within the environment. The Value is the long-term result of many actions.

### **Value-based**

In a value-based reinforcement algorithm the agent pushes toward an expected long-term return, instead of just focusing on the short-term reward.

### **Policy-based**

A policy-based reinforcement algorithm usually takes one of two approaches to determining the next course of action. Either a standardized approach where any state produces the same action or a dynamic approach where certain probabilities are mapped out and probabilities calculated. Each probability has its own policy reaction.

### Model-based

In this algorithm, the programmer creates a different dynamic for each environment. That way, when the agent is put into each different model, it learns to perform consistently under each condition.

### SNAPSHOTS:





Date: 21.03.2023

**INDUSTRIAL TRAINING CERTIFICATE**

This is to inform that Mr AIYAPPAN S, 4<sup>th</sup> year, BACHELOR OF ENGINEERING IN COMPUTER SCIENCE ENGINEERING, student of KINGS COLLEGE OF ENGINEERING, COIMBATORE, has attended Industrial training in our organization from March 18<sup>th</sup> 2023 to March 21<sup>st</sup> 2023.

During this Industrial training, he has learned the overview concepts of ARTIFICIAL INTELLIGENCE.

Thanking You.

For APPIN TECHNOLOGY LAB,

*G. Shetty*  
Authorized Signatory.

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Coimbatore - 641009

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**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**ACADEMIC YEAR  
2022-2023**

# PROJECT FIELD VISIT



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR 2022 - 2023 / EVEN SEMESTER**

**YEAR / SEM / SEC: IV / VIII**

**BATCH: 2019-2023**

**PROJECT FIELD VISIT REPORT**

| Batch. No | Reg. No.     | Name of the Student | Title of the Project                                                                                           | Company Name                             | Date of Visit |
|-----------|--------------|---------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------|
| 1         | 821119106033 | K.PRIYANKA          | DESIGN OF SLEEP APNEA KEEPER FOR CONTINUOUS MONITORING AND SCREENING                                           | Alpha Diagonastics Centre, Pudukottai.   | 09.03.2023    |
|           | 821119106042 | B.SHATHANA          |                                                                                                                |                                          |               |
| 2         | 821119106010 | K.GAYATHRI          | IOT BASED INTELLIGENT SURVEILLANCE SYSTEM USING RASPBERRY PI                                                   | George Tech Solutions, Kumbakonam.       | 13.03.2023    |
|           | 821119106012 | K.ISHWARYA          |                                                                                                                |                                          |               |
|           | 821119106039 | K.SARASWATHI        |                                                                                                                |                                          |               |
| 3         | 821119106015 | R.JOTHIKA           | OIL SPILL DETECTION USING IMAGE PROCESSING TECHNIQUE                                                           | ARMADA Industrial Automation, Thanjavur. | 27.03.2023    |
|           | 821119106028 | U.NITHITHA          |                                                                                                                |                                          |               |
|           | 821119106030 | P.PAVITHRA          |                                                                                                                |                                          |               |
|           | 821119106048 | G.VAISHNAVI         |                                                                                                                |                                          |               |
| 4         | 821119106008 | L.GANGA             | RADIO OVER FREE SPACE OPTICS FOR FIFTH GENERATION SYSTEM                                                       | ARMADA Industrial Automation, Thanjavur. | 27.03.2023    |
|           | 821119106009 | R.GANGA             |                                                                                                                |                                          |               |
|           | 821119106026 | V.MAHESHWARI        |                                                                                                                |                                          |               |
|           | 821119106029 | S.NIVETHITHA        |                                                                                                                |                                          |               |
| 5         | 821119106017 | P.KABISHENA         | IOT ENABLED WIRELESS POWER TRANSFER AND CHARGING SYSTEM FOR ELECTRICAL VEHICLE.                                | V.K.Echo Motors, Thanjavur.              | 10.03.2023    |
|           | 821119106032 | B.PRETHIYA          |                                                                                                                |                                          |               |
|           | 821119106043 | R.SOUNDHARYA        |                                                                                                                |                                          |               |
|           | 821119106044 | C.SURIYA            |                                                                                                                |                                          |               |
| 6         | 821119106007 | R.DURGA SRI         | DESIGN AND IMPLEMENTATION OF HUMAN HEALTH MONITORING SYSTEM FOR UNDER WATER VEHICLE APPLICATION                | Medical College, Thanjavur               | 28.03.2023    |
|           | 821119106022 | S.KIRUBADHARSHINI   |                                                                                                                |                                          |               |
|           | 821119106036 | R.RUTHRA            |                                                                                                                |                                          |               |
|           | 821119106040 | G.SATHYA            |                                                                                                                |                                          |               |
| 7         | 821119106002 | P.AGALYA            | VIRTUAL BRAIN: MODEL BASED FRAME WORK FOR DEPENDABLE EEG SENSING AND ACTUATION IN INTELLIGENT BRAIN IOT SYSTEM | Medical College, Thanjavur               | 20.03.2023    |
|           | 821119106006 | C.DHARSHINI         |                                                                                                                |                                          |               |
|           | 821119106025 | G.MADHUMITHA        |                                                                                                                |                                          |               |



|    |              |                   |                                                                                                   |                                          |            |
|----|--------------|-------------------|---------------------------------------------------------------------------------------------------|------------------------------------------|------------|
| 8  | 821119106001 | S.SABIMANEU       | DESIGN AND IMPLEMENTATION OF ADVANCED ANTENNA ARRAYS FOR 5G AND FUTURE GENERATION WIRELESS SYSTEM | GTPL Hathway PVT LTD, Chennai            | 25.03.2023 |
|    | 821119106013 | A.JAYAKUMAR       |                                                                                                   |                                          |            |
|    | 821119106016 | R.KABILAN         |                                                                                                   |                                          |            |
|    | 821119106019 | G.KARIKALAN       |                                                                                                   |                                          |            |
| 9  | 821119106027 | K.MATHIVANAN      | IOT BASED AUTOMATIC DETECTION AND ALERT SYSTEMS FOR EPILEPSY PATIENT                              | District TB Centre, Thanjavur.           | 09.03.2023 |
|    | 821119106031 | A.PRAKASH         |                                                                                                   |                                          |            |
|    | 821119106045 | T.SUSIKUMAR       |                                                                                                   |                                          |            |
| 10 | 821119106004 | J.BLESSON MANUEL  | IOT BASED FUEL LEVEL MONITORING AND FUEL THEFT DETECTION SYSTEM                                   | Abi & abi Motors, Thanjavur.             | 10.03.2023 |
|    | 821119106005 | A.DHARMADURAI     |                                                                                                   |                                          |            |
|    | 821119106024 | P.LOGESHWARAN     |                                                                                                   |                                          |            |
|    | 821119106037 | S.SABARINATHAN    |                                                                                                   |                                          |            |
| 11 | 821119106011 | S.GAYATHRI        | AI BASED BORDER SECURITY SYSTEM USING IOT                                                         | ARMADA Industrial Automation, Thanjavur. | 19.03.2023 |
|    | 821119106034 | S.RAMANA BHARATHI |                                                                                                   |                                          |            |
|    | 821119106035 | K.RENUKA          |                                                                                                   |                                          |            |
|    | 821119106046 | SM.SWETHAA        |                                                                                                   |                                          |            |

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28/3/23  
Project Coordinator

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*S. Ramesh*  
28/3/2023  
PRINCIPAL

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Kings College of Engineering,  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
(FIELD VISIT REPORT)

TOPIC

**IOT BASED AUTOMATIC DETECTION & ALERT  
SYSTEM FOR EPILEPSY PATIENT**

GUIDED BY

Mr.T.JEYASEELAN. AP/ECE

TEAM MEMBERS

|              |                |
|--------------|----------------|
| T.SUSIKUMAR  | - 821119106045 |
| K.MATHIVANAN | - 821119106027 |
| A.PRAKASH    | - 821119106031 |

  
GUIDE  
SIGNATURE

  
PROJECT CO-ORDINATOR  
SIGNATURE

  
HOD  
SIGNATURE 13/4/2023

# ABSTRACT

- ❖ Covid 19 has given way to a disruptive and transformative digital automation in health sector worldwide with multi fold investments for up gradation. Epilepsy, the fourth most common chronic neurological disorder, characterized by recurrent involuntary seizures affects everyone.
- ❖ Epilepsy, the fourth most common chronic neurological disorder, characterized by recurrent involuntary seizures affects everyone.
- ❖ Epilepsy is unpredictable with violent seizures leading to sudden fluctuations in heart rate and involuntary muscle movements leading to death. Therefore, prompt medical attention is essential.
- ❖ To develop cost-effective digital health technology using existing smart phones with smart watches built in. Epilepsy management systems can also be made affordable
- ❖ We propose to take advantage of current advancements in smart watches and Smartphone apps by integrating them and adding new features automation in sending alerts to, friends and care takers

## OBJECTIVE

- ❖ To design and develop a real time Smart epilepsy detection and alert system.
- ❖ To help Epilepsy patients to get quick recovery from epilepsy and to avoid unpredictable violent seizures caused by sudden falling.



## **EXPLANATION ABOUT FIELD VISIT**

- ❖ We met the TMC Dean and explained about our project. And he refer us to the Neurology department HOD and they told about Epilepsy disease.
- ❖ And the HOD introduce epilepsy specialist name is Dr.Muhammed Khaleel explain about epilepsy and patient problems they faced in real-time.
- ❖ We learned there about how to detect and alert epilepsy patient and in future, we are going to modify Nano Technology system for this type of patient.
- ❖ In future we added more specifications and real time system for epilepsy Control and detection system attach to the wear band.
- ❖ ECG sensor, MEMS flow and Pulse rate monitor sensor for added to the system.
- ❖ And finally we get approval for the field visit and get signature from the doctor.

## **DECLARATION**

Our project team members (Susikumar.T, Mathivanan.K, and Prakash.A) we came to TMC on [09-03-2023]. We told them everything about project clearly and they clarify our doubt.

## **PHOTOS**

## FIELD VISIT CERTIFICATE

Date: 09/03/2023

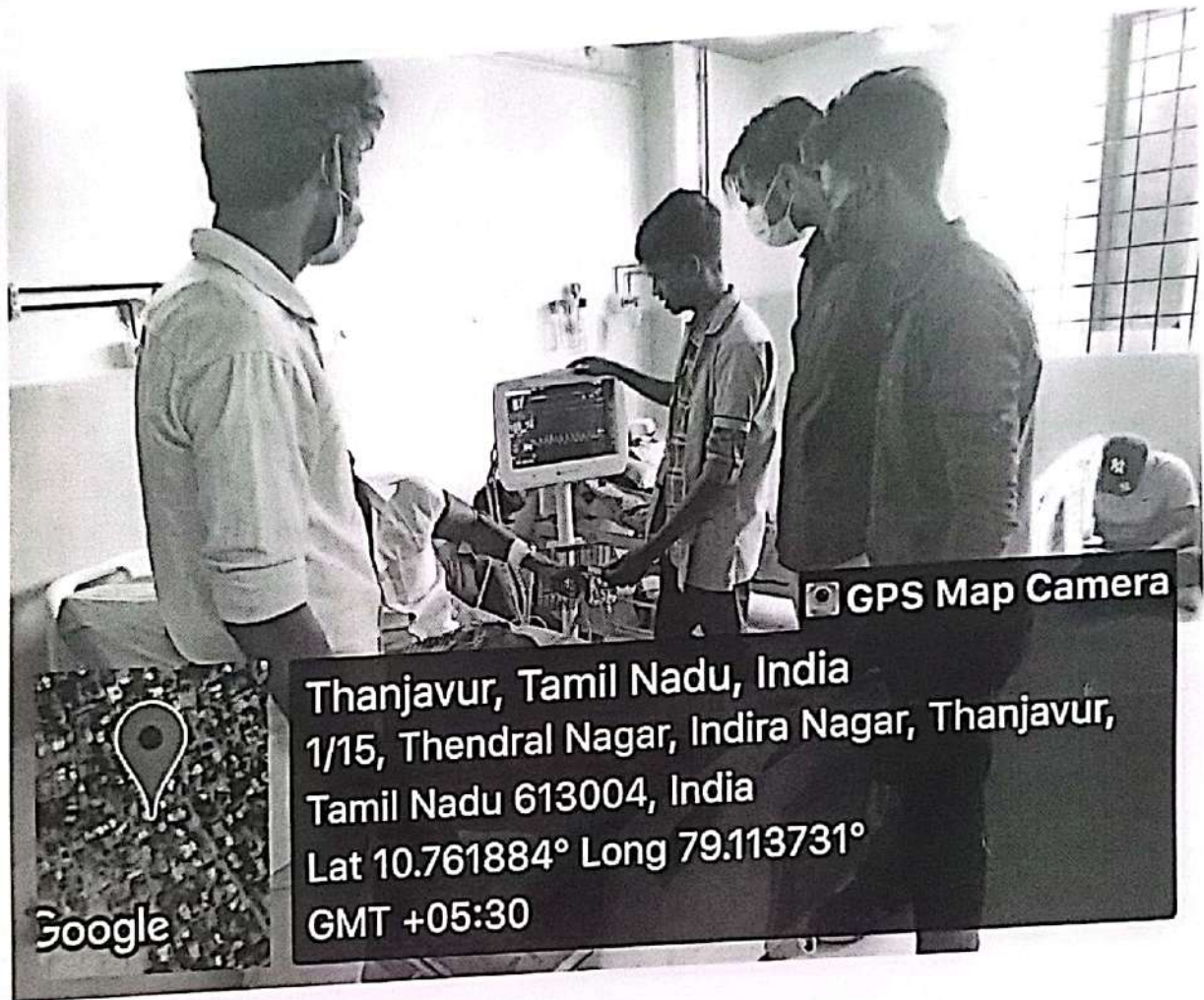
### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr/Ms T. Susikumar, K. Mathivanan

A. Perakash students of Kings College of Engineering, Punalkulam, Thanjavur, has visited our  
Company/Industry/Organization/Lab on 09/03/23 regarding their final year project. The students  
were interacted with our employees/faculties and learned about the systems and technologies.

Dr. A. Muhammed Khaleel  
Dr. A. MUHAMMED KHALEEL., MBBS., DTCD.,  
SENIOR ASSISTANT SURGEON

DISTRICT TB CENTRE, THANJAVUR  
Name & Signature of the authority concerned with seal.  
REG. NO. 77769



Thanjavur, Tamil Nadu, India  
1/15, Thendral Nagar, Indira Nagar, Thanjavur,  
Tamil Nadu 613004, India  
Lat 10.761884° Long 79.113731°  
GMT +05:30

GPS Map Camera





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING

FIELD VISIT REPORT

GEORGE'S TECH SOLUTIONS, KUMBAKONAM.

DATE: 13/03/23

TOPIC

**IOT BASED INTELLIGENT SURVEILLANCE SYSTEM USING RASPBERRY PI**

GUIDED BY

Mrs.D.VENNILA , AP/ECE

TEAM MEMBERS

K.GAYATHRI-821119106010

K.ISHWARYA-821119106012

K.SARASWATHI-821119106039

## INTRODUCTION

CCTV systems provide surveillance capabilities used in the protection of people, assets, and systems. A CCTV system serves mainly as a security force multiplier, providing surveillance for a larger area, more of the time, than would be feasible with security personnel alone. CCTV systems are often used to support comprehensive security systems by incorporating video coverage and security alarms for barriers, intrusion detection, and access control. For example, a CCTV system can provide the means to assess an alarm generated by an intrusion detection system and record the event. A CCTV system links a camera to a video monitor using a direct transmission system. This differs from broadcast television where the signal is transmitted over the air and viewed with a television. New approaches within the CCTV industry are moving towards more open architecture and transmission methods versus the closed circuit, hard-wired connection systems of the past.









All CCTV cameras include three basic elements:

- ✓ Image sensor—Converts light (photons) into electronic signals;
- ✓ Lens—Gathers light reflected from a subject and focuses the light on the image sensor;
- ✓ Image processing circuitry—Organizes, optimizes, and transmits video signals.

## IP Camera

- ✓ An Internet Protocol camera, or IP camera, is a type of digital video camera that receives control data and sends image data via an IP network. They are commonly used for surveillance, but, unlike analog closed-circuit television cameras, they require no local recording device, only a local area network.
- ✓ Most professional IP cameras provide at least 2.0-Megapixel resolution. The 1080p cameras have at least a 2-megapixel sensor, and it is considered to be the higher resolution "HD camera." To confuse us, some manufacturers specify their 3-megapixel or 5-megapixel camera as "1080P" as well.

How many Mbps does IP camera need?

- ❖ You want your internet's download speed to be at least 2.5 Mbps and up to comfortably view the footage from your device. There are a couple of factors to consider when calculating the internet speed/bandwidth requirements for your IP cameras. These factors are: Video Recording Resolution.

How do I choose an IP camera?

IP cameras can give you a big boost in home or office security, so be sure to make the best choice

The quality of the video footage is important; look for HD resolution and night vision capability.

Be sure that it will work with your existing wireless network and router.

## High-definition video

High-definition video (HD video) is video of higher resolution and quality than standard-definition. While there is no standardized meaning for high-definition, generally any video image with considerably more than 480 vertical scan lines (North America) or 576 vertical lines (Europe) is considered high-definition.

## Which is better 1080p or 2mp?

1080p is roughly about 2MP. Anything above 1080 is considered to be HD. 4MP is a more pixel-per-square-inch format and can offer higher quality. If you are looking for more storage space for your system, then this option might not be the best solution.



## What is the difference between IP and HD?

As discussed earlier, IP cameras can be accessed directly through the internet, so they are subject to data theft and thus more vulnerable from the security aspect. On the other hand, HD analog cameras are more secure as they run on a closed circuit and don't have an IP address.

## Conclusion

We (Gayathri K, Ishwarya K, Saraswathi K) went through a Practical Field visit training in George's Tech Solutions, kumbakonam on Surveillance purpose for our project .Our Project "IoT Based Intelligent Surveillance System Using Raspberry Pi". It was a great opportunity as well as a nice experience to get know about the real time working system of surveillance camera. In the above document we had attached the pictures of fitting camera and experiencing their real time performance. We clarified our doubts with George Sir founder of George's Tech solution, Kumbakonam. Each aspect of the visit was very fascinating and allowed to interact with the every component of the security camera system.

  
Project Guide

  
Project Coordinator

HOD





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**(FIELD VISIT REPORT)**

**TOPIC**

**VIRTUAL BRAIN:MODEL BASED FRAMEWORK FOR  
DEPENDABLE EEG SENSING AND ACTUATION OF  
INTELLIGENT BRAIN IOT SYSTEM**

**DOMAIN:IOT**

**GUIDED BY**

**W.NEWTON DAVID RAJ AP/ECE**

**TEAM MEMBERS**

**P.AKALYA - 821119106002**  
**C.DHARSHINI - 821119106006**  
**G.MADHUMITHA - 821119106025**

## **ABSTRACT:**

• Virtual brain research is accelerating the development of inexpensive real-time Brain IoT Systems. Hardware improvements that increase the capability of Virtual brain analyze and Brain IoT wearable sensors have made possible several new software frameworks for developers to use and create applications combining Brain and IoT. It also enables multiple sensory pathways for communications with a larger sized data to users' brains. The intersections of these two research paths are accelerate in both fields and will drive the needs for an energy-aware infrastructure to support the wider local bandwidth demands in the IoT cloud.

## **MEDICAL INFORMATION:**

Name of the place : Thanjavur

Address : Medical College at Thanjavur.

## **THE DOCTOR EXPLAINED**

- We met the doctor there and explained about our project.
- The doctor there explained us in detail about Virtual Brain and EEG sensing.
- Event after the death of the human, we will not lose knowledge, intelligence personality, feeling and memories of the particular person.
- The cloud/PC/Memory unit having the memory of a person that can be accessed from any part of the world.
- The data is highly confidential so the cyber safety of the data is very important.
- Any brain related ailments like memory loss due to Alzheimer's and Parkinson's can be cured.

## FIELD VISIT AT MEDICAL COLLEGE



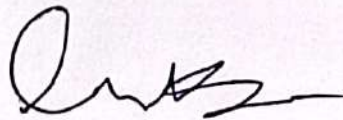


## FIELD VISIT CERTIFICATE

Date: 20/03/2023

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr/Ms P. Akalya , C. Dharshini ,  
G. Madhumitha students of Kings College of Engineering, Punalkulam, Thanjavur, has visited our  
Company/Industry/Organization/Lab on 20-03-23 regarding their final year project. The students  
were interacted with our employees/faculties and learned about the systems and technologies.



Name & Signature of the authority concerned with seal.

Akalya p and Dharshini C and Madhumitha G came to Medical College on 20/03/2023 .We told them everything they needed for their project.

W. Newton  
12/5/2023

Mr.W.NEWTON DAVID RAJ,AP/ECE  
Project Guide

R. Thandayuthapani  
12/5/23

Mr.R.Thandayuthapani,AP/ECE  
Project Co-Ordinator

N. Mangaiyarkarasi  
12/5/23

Mrs.N. Mangaiyarkarasi  
HOD/ECE



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**PROJECT FIELD VISIT REPORT**

**VISITED AT  
ARMADA INDUSTRIAL AUTOMATION**

**SUBMITTED BY**

|                    |                       |
|--------------------|-----------------------|
| <b>R.Jothika</b>   | <b>- 821119106015</b> |
| <b>U.Nithitha</b>  | <b>- 821119106028</b> |
| <b>P.Pavithra</b>  | <b>- 821119106030</b> |
| <b>G.Vaishnavi</b> | <b>- 821119106048</b> |



## ABSTRACT

- Drone technology has skyrocketed over the past decade driving costs down and the number of potential applications up, Normalized Difference Vegetation Index (NDVI) is an imaging technique used to visualize near infrared light. This project aims to explore the potential of Unmanned Aerial Vehicles (UAV's).
- The method proposed in the paper is to build a drone with camera to capture images of oil spill image in the ocean areas and those images are processed to get required results. Building of Drone is the first part. The Bag of Words algorithm is then applied on the test image and specific features are extracted.

## FIELD INFO

Name : Armada Industrial Automation

Address : 17/595, 1st floor,

Manner 2nd street,

New bus stand, Thanjavur,

Tamil Nadu – 613005

- In part of the Final Year academic project, we visited Armada Industrial Automation on 27.03.2023/ Monday.
- We chosen our project titled “Oil spill detection using image processing” in the area of Image processing techniques.
- Armada Industrial Automation has experience in developing the image processing techniques for variety of applications and also an idea of Oil spills can harm sea creatures, ruin a day at the beach, and make seafood unsafe to eat. It takes sound science to clean up the oil, measure the impacts of pollution, and help the ocean recover.
- The technicians at Armada Industrial Automation, Thanjavur provided us a overview of the release of a liquid petroleum hydrocarbon into the environment, especially the marine ecosystem, due to human activity, and is a form of pollution. The term is usually given to marine oil spills, where oil is released into the ocean or coastal waters, but spills may also occur on land.

**AT ARMADA INDUSTRIAL AUTOMATION**









HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

This to certify that

**JOTHIKA R**

Student from

Dept of ECE

Kings College of Engineering

Punalkulam.

Has successfully completed

**FIELD VISIT**

**27th Mar 2023**

In **"DRONE TECHNOLOGY AND SENSORS "**





# CERTIFICATE

This to certify that

**NITHITHA U**

Student from

Dept of ECE

**Kings College of Engineering**

**Punalkulam.**

Has successfully completed

**FIELD VISIT**

**27th Mar 2023**

**In "DRONE TECHNOLOGY AND SENSORS"**







HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

This to certify that

**PAVITHRA P**

**Student from**

**Dept of ECE**

**Kings College of Engineering**

**Punalkulam.**

**Has successfully completed**

**FIELD VISIT**

**27th Mar 2023**

**In "DRONE TECHNOLOGY AND SENSORS "**







HIG: 47, New Housing Unit, Thanjavur-5

# CERTIFICATE

This to certify that

**VAISHNAVI G**

Student from

Dept of ECE

**Kings College of Engineering**

**Punalkulam.**

**Has successfully completed**

**FIELD VISIT**

**27th Mar 2023**

**In "DRONE TECHNOLOGY AND SENSORS"**



This is to certify that Ms.R.Jothika, Ms.U.Nithitha, Ms.P.Pavithra, Ms.G.Vaishnavi are came to Armada Industrial Automation on 27<sup>th</sup> March 2023. Here we told them everything they needed for their project and the overview of design of drone technology and sensors.



General Manager,  
Armada Industrial Automation,  
Thanjavur.

Mr.P.Raja pirian AP/ECE  
Project Guide

Mr.R.Thandayuthapani AP/ECE  
Project Co-Ordinator

Mrs.N.Mangaiyarkarasi HOD/ECE



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**ACADEMIC YEAR 2022-2023**

**PROJECT WORK- FIELD VISIT- LIST OF COMPANIES**

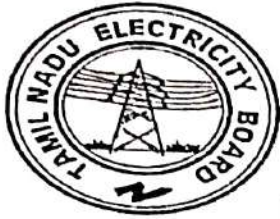
| BATCH | REGISTER NUMBER                              | NAME OF THE STUDENT                              | PROJECT TITLE                                                                                                | GUIDE NAME            | COMPANY NAME                         |
|-------|----------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------|
| 1.    | 821119105008<br>821119105301                 | B Yugeshwaran<br>A Sarathkumar                   | Embedded Based Smart Energy Meter and Power Theft Control Using Gsm Technology                               | Mr. S. R. Karthikeyan | 110/11 kV substation, Punalkulam     |
| 2.    | 821119105005<br>821119105501                 | V Ragul<br>K Vetrivel                            | Design and Implementation of Vacuum Robot Electric Vehicle for Domestic Application for Domestic Application | Mr. R. Sundaramoorthi | Samcko Technologies, Thanjavur.      |
| 3.    | 821119105003<br>821119105506                 | P Pandidevi<br>R Regina                          | Economic Dispatch of a Micro Grid with Renewable Energy Sources Using Enhanced Optimization Algorithm        | Mrs. A. Prabha        | Samcko Technologies, Thanjavur.      |
| 4.    | 821119105001<br>821119105002<br>821119105004 | S Bharanitharan<br>M E Krishna<br>R Purusothaman | Multi-Level Inverter for E-Vehicle applications                                                              | Dr. P. Narasimman     | TAARK Equipments Pvt. Ltd, Thanjavur |

**Faculty In charge**

**HOD/EEE**

**Principal**





## **FIELD VISIT OF TAMILNADU ELECTRICITY BOARD**

110/11KV Substation,

Punalkulam ,

Gandarvakottai, Pudukottai,

Tamil Nadu 613303.

### **1. INTRODUCTION**

During a Month in February 2023 a visit at Tamilnadu Electricity Board at 110/11KV SubStation in Punalkulam was done. It is responsible for power consumption, power development, Electrical Maintenance and Safety management for the Smart Energy Meter System.

### **2. PURPOSE OF VISIT**

The purpose of visit was to get to know the TNEB and also try to understand the complex of TNEB. To get this knowledge of the TNEB at 110/11KV Substation like the Switchgear Panel we met with Assistant Engineer from many different areas. We also made a one day visit at the Substation Working Process to see what and how Grid Power are developed. Another purpose with the visit was to get to know Engineers within the Substation to get easier access to information and projects related to the research. This is important since much of the research will be based on interviews where the trust of the respondent is crucial to be successful.

**To get information about 110/11KV Substation**

**110/11KV POWER TRANSFORMER**





Figure 1: 110/11KV SUBSTATION



Figure 2: 110/11KV SUBSTATION





Figure 3:Field visit at 110/11KV POWER TRANSFORMER

### 3.OUTCOME OF VISIT

We learned several Electrical SwitchgearPanel about the 110/11KV Substation that are hard or even impossible to accomplish without actually talking and meeting with Engineers working there. The insight gained will prove valuable for upcoming research and motivate us even further. A more detailed report will be provided to the Asistant Engineer. Finally, we left the premises at 5:00 p.m. it was an informative, interesting and a successful visit. We express our thanks to the technical head and all team members of 110/11KV Substation at Punalkulam, who spent their valuable time for us. We also thank to our respected Director/Principal and HoD who motivate us to arrange such an informative program. Lately we request you to arrange more industrial visit in the future for the students which will be helpful for the students and help to train our students.

S.R. Karthikeyan 16/5/23  
PROJECT GUIDE

Mr.S.R.KARTHIKEYAN M.E.,

AP/EEE.

S.R. Karthikeyan 16/5/23  
PROJECT COORDINATOR

Mr.S.R.KARTHIKEYAN M.E.,

AP/EEE.





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## **Project Field Visit Report**

**By**

**V.RAGUL,IV/EEE**

**K.VETRIVEL,IV/EEE**

**PROJECT GUIDE**

**R.SUNDARAMOORTHY,AP/EEE**

## **1.Introduction:**

As per Project guidelines, our project members has visited Samcko Technologies,Thanjavur for field visit to gain technical knowledge related to our project work from 3.3.2023 to 13.3.2023.The main aim of our field visit is to impart the basic skills related to Electrical vehicle parameters and components pertaining to our project work.

Our domain which is related to vacuum based solar Electric vehicle. Also our project which comprises of various basic components such as battery, Micro controller, Motor and sensor types. In this field visit, we gained knowledge about all these components. In addition we also visited Amaron battery Dealers Company where we gained testing procedures and type of batteries. also we saw how different types of battery tested during process

## **2.Purpose of visit**

The main purpose of the field visit is to know about the components and other basic parts used in Electric vehicle which need our project work. The battery and solar panel which play an important elements used in our project. Hence this field visit was helped to understand the basic skills.

We interacted with project manager to gain the expertise about the market value and the industry needs. In order to learn more about the vehicle concepts this visit was helped to check all the components which is based on Electric vehicle. This field visit is significant since a substantial portion of the research will be based on E-vehicle manufacturing which helpful to under4stand the basic concepts.

## Components used in Industry

### (a).Battery:

The main element of our project is battery. Hence we gathered information related to different types of battery and how it works. To become familiar with the different battery types and their ranges used in electric vehicles we have tested Lead acid batteries and Lithium ion batteries. We also got information related to research and lifespan of the batteries used in electric vehicles. In addition, batteries and motor types performance also analyzed.

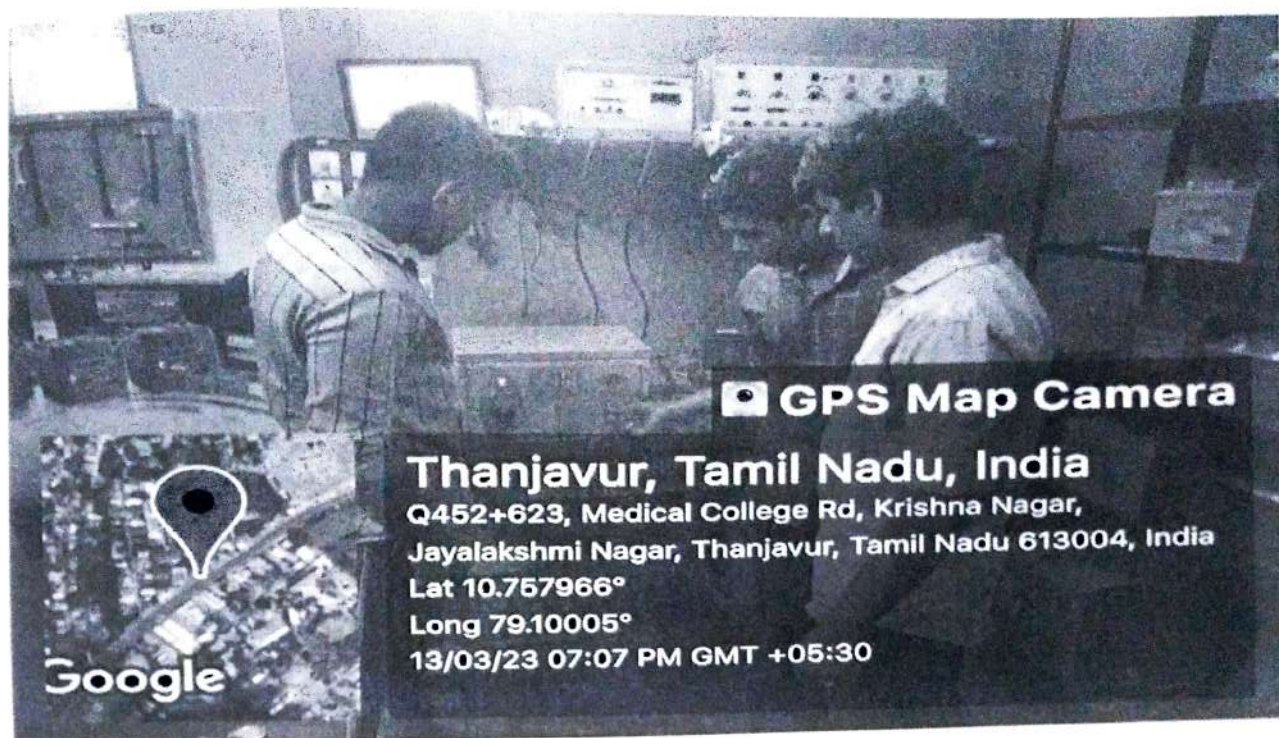


Fig:1:Battery types and testing

### 2. Testing of Battery:

A battery tester is an electronic tool used to check the health of an electric battery. It can range from a straightforward tool for checking the charge that is actually present in the cells and/or its voltage output to a more thorough test of the battery's condition, including its capacity for storing charge.





**Fig:2:Testing and analysis**

### **3.OUTCOME OF VISIT**

Finally, Field visit was helped to understand the basic informations and different types of components used in Electric vehicle which is relavant to our project work. We exposed a number of facts regarding the batterytype and testing and different types of motors used in Electric vehciles.The technical knowledge gathered will be useful for future studies and inspire us even more.

It was a prolific, engaging and informative visit. We would like to thank the technical leader and the entire team of Samcko Technologies in Thanjavur for their time and effort. We extend our gratitude to our esteemed Principal madam and HoD for inspiring us to execute this awesome plan to know the preliminary work related to project work.

*Sundarmoorthi*  
**PROJECT GUIDE** 16/5/23

**Mr.R.SUNDARMOORTHI,M.E(Ph.D)AP/EEE**

*S.R.Karthikeyan* 16/5/23  
**PROJECT COORDINATOR**

**Mr.S.R.KARTHIKEYAN M.E.,AP/EEE**



## **SAMCKO TECHNOLOGIES**

13<sup>th</sup> March 2023

### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. P.PANDI DEVI (REG NO:821119105003) and R.REGINA (REG NO:821119105006)** Student of "EEE" final year **KINGS COLLEGE OF ENGINEERING, PUNALKULAM-613303** has successfully completed certificate of Internship program course in "EMBEDDED SYSTEM" covered **ARDUINO CONTROLLER AND SENSOR TECHNOLOGY** during 3<sup>rd</sup> March 2023 to 13<sup>th</sup> March 2023.

During his course period, his level of commitment, involvement and attitude were found to be exemplary.

We wish his all success in future endeavors.



With Warm Regards,  
SAMCKO Technologies

*N. G. H.*  
13/3/2023

(N.GopalaKrishnan. B.E)

**HR-Manager**

# 1783-84, Kanaga Complex, 2nd Floor, ( Canara bank Upstairs )  
South Main Street, Thanjavur -613 009. Mobile : 8870797168





110/11 kV Substation,

Punalkulam, Thanjavur,

Tamilnadu-613303.

## 1. INTRODUCTION

A visit was made to the 110/11kv substation in Punalkulam for a week in February 2023. It is in charge of the Micro-energy grid's scheduling, distribution, transmission, maintenance, and management.

## 2. OBJECTIVE OF VISIT

The visit's objectives were to learn more about the substation and to attempt to comprehend the intricate transmission and distribution systems. In order to learn more about the substation, we spoke with staff from a variety of backgrounds. In order to have better access to information and initiatives linked to the research, another goal of the visit was to get to know people in the substation. This is significant since a significant portion of the research will be based on interviews, where the respondent's trust is essential to the interview's effectiveness.



Figure 1: Field visit at substation



## To get information about the Transmission and Distribution

### I. TRANSMISSION

To educate oneself on the different kinds of transmission losses that might happen during transmission as well as transmission-related problems. In order to transport electrical energy across long distances, a structure as well as methods for reducing losses and ensuring effective transmission of electricity were studied.

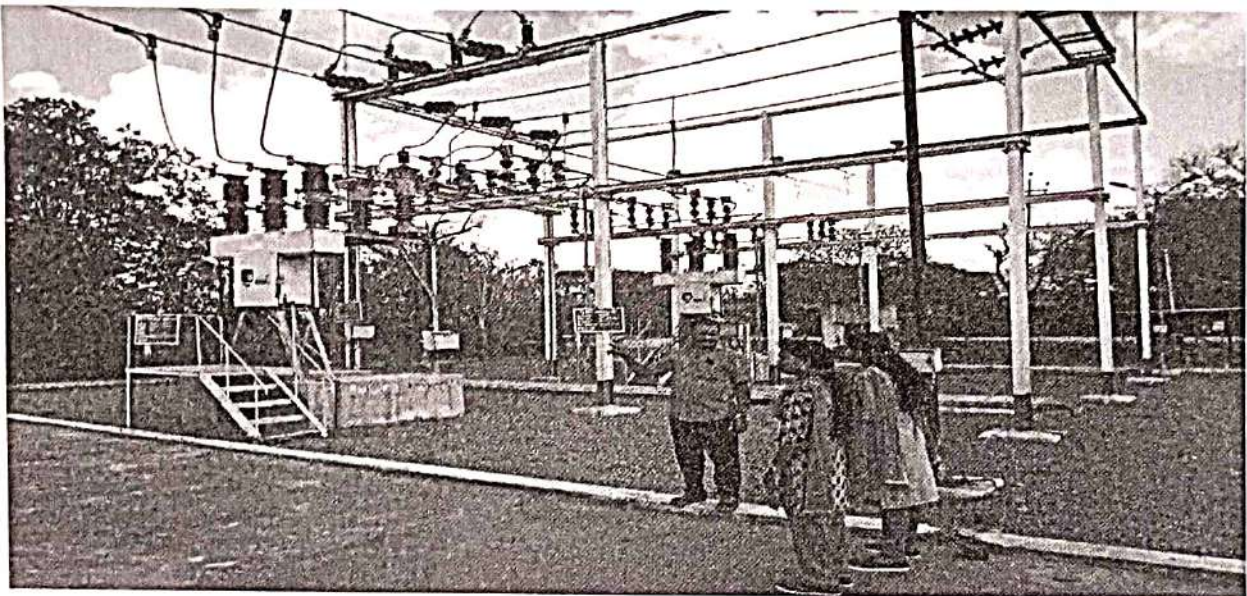


Figure 2: Transmission area in substation

### II. DISTRIBUTION

To educate oneself on the voltage regulating point that transmits electric energy from the transmission system to consumers in the residential and commercial sectors. Also, in order to satisfy the demand, load forecasting was examined.



Figure 3: Investigate the role of autotransformer



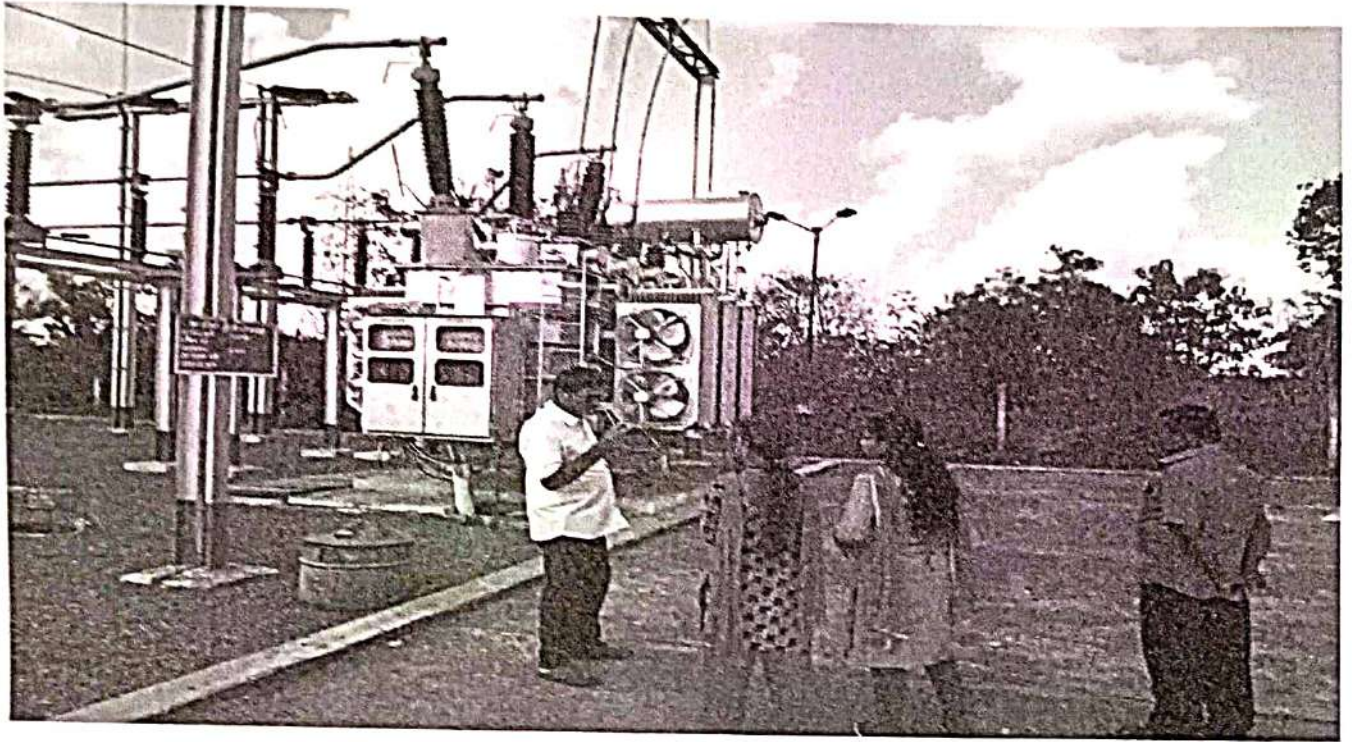


Figure 4: Discuss with technical head

## 1. OUTCOME OF VISIT

Without speaking and visiting with those who work there, we would have been unable to learn various things regarding transmission and distribution. The knowledge gathered will be useful for future studies and inspire us even more. The substation has given a more through report. We finally departed the building about 5:30 p.m. It was a successful, enlightening, and informative tour. We would like to thank the technical manager and the entire crew at the 110/11 kV Punalkulam substation for their significant time. We also acknowledge the support of our esteemed Director/Principal and HoD, who inspired us to plan such a useful activity. Recently, we've asked you to plan more industrial visits for students in the future, as this will benefit them and help to train them.

*Shahul*  
*13/5/23*  
**PROJECT GUIDE**

*S. R. Karthikeyan*  
*13/5/23*  
**PROJECT COORDINATOR**

Mrs.A.PRABHA M.Tech.,MBA.,(Ph.D)

Mr.S.R.KARTHIKEYAN M.E.,AP/EEE



GO GREEN !  
GO TAARK !!

## TAARK EQUIPMENTS PVT LTD

Manufacturers of Battery Operated Electric Vehicles &  
Authorised TN Distributor for Celestial E-Mobility Electric Tractors

Office : 2/173, A. Sangampalayam, Coimbatore Main Road,  
Aachipatti, Pollachi, Coimbatore - 642 002.

Plant : SF No. 116/1A, Kulakapalayam Pirivu, Pollachi.

Mobile : +91 93842 75552 | 87781 42551

karthick@taark.in | taarkevehicle@gmail.com | www.taark.in

### CERTIFICATE OF ATTENDANCE

06.03.2023

This is to certify Mr. BHARANITHARAN. S (821119105001) from Kings College of Engineering attended our company Taark Equipment's Pvt Ltd located in Pollachi on 06.03.2023. During the field visit, on this day 06.03.2023 Bharanitharan.S actively participated in the activities, and discussions, and gained knowledge in the field of Electric vehicle manufacturing. They have demonstrated a keen interest in the subject matter and have contributed to the group's learning experience.

We commend Mr. Bharanitharan for his active participation and eagerness to learn. We believe that their attendance in this field visit has contributed significantly to their personal and professional development.

For TAARK EQUIPMENTS PVT. LTD.,

Regards

Managing Director

DIRECTOR.

Taark Equipment's Pvt Ltd, Pollachi



Brick Loader



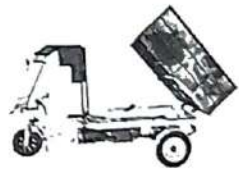
Forest Loader



Container



Loader



Hydraulic Tipper



**Department of Mechanical Engineering**  
**Academic Year 2023-24 / EVEN Semester**  
**Project work-Field visit Report**

| Batch | Reg. Number  | Name of the Student      | Project Title                                                                                              | Guide Name          | Name of the Company                                 |
|-------|--------------|--------------------------|------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------|
| 1     | 821119114007 | BARATHBABU A             | Plant irrigation water Sprinkler robot                                                                     | Dr.T.Pushparaj      | SRIVARI METAL WORKS PVT<br>Industrial Estate, Hosur |
|       | 821119114303 | SIVASUBRAMANIYAM S       |                                                                                                            |                     |                                                     |
|       | 821119114015 | HARIHARAN M (22.07.2002) |                                                                                                            |                     |                                                     |
|       | 821119114001 | AAKASH J                 |                                                                                                            |                     |                                                     |
| 2     | 821119114009 | DEEPANRAJ S              | Performance and characteristics of hybrid bio fuelled CI engine                                            | Dr.P.P.Shantharaman | Hwashi automotive india limited<br>chennai          |
|       | 821119114016 | HARIHARAN M (27.07.2002) |                                                                                                            |                     |                                                     |
|       | 821119114023 | MUTHUKUMAR K             |                                                                                                            |                     |                                                     |
|       | 821119114006 | BALAVIGNESH D            |                                                                                                            |                     |                                                     |
| 3     | 821119114012 | GUNAL P                  | investigation and fabrication of oil spill recovery equipment by using polytetra fluoroethylene belt drive | Dr. R. Shankar      | Best Forgings India private limited                 |
|       | 821119114034 | SATHIYARAJ S             |                                                                                                            |                     |                                                     |
|       | 821119114004 | ARAVINDHAN B             |                                                                                                            |                     |                                                     |
|       | 821119114008 | BHARATHICHOZHAN S        |                                                                                                            |                     |                                                     |
| 4     | 821119114026 | NITHISH A                | Performance and emission characteristics in CI engine with additive                                        | Mr.H.Agilan         | Hwashi automotive india limited<br>chennai          |
|       | 821119114022 | MULLAIVENDHAN G          |                                                                                                            |                     |                                                     |
|       | 821119114502 | KARTHICK (07.06.2000) M  |                                                                                                            |                     |                                                     |
|       | 821119114010 | DINESH A                 |                                                                                                            |                     |                                                     |

|   |              |                          |                                                                                          |                             |                                                     |
|---|--------------|--------------------------|------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------|
| 5 | 821119114036 | SIVABALAN A              | Bore well child fall safe gaurding robot                                                 | Mr.Melwin Jagadeesh Sridhar | Best Forgings India private limited                 |
|   | 821119114033 | ROOBAN K                 |                                                                                          |                             |                                                     |
|   | 821119114014 | HARIHARAN M (11.07.2002) |                                                                                          |                             |                                                     |
|   | 821119114011 | GOPI G                   |                                                                                          |                             |                                                     |
| 6 | 821119114037 | SYEDU USMANALI M         | Corrosion behaviour of SS - 304 under molten at salt environment at elevated temperature | Mr. S. Sabanayagam          | SRIVARI METAL WORKS PVT<br>Industrial Estate, Hosur |
|   | 821119114029 | PRIYADHARSAN L           |                                                                                          |                             |                                                     |
|   | 821119114017 | HARISH GOWTHAM M         |                                                                                          |                             |                                                     |
|   | 821119114041 | VENKATESH S              |                                                                                          |                             |                                                     |
| 7 | 821119114038 | VEERAGURU M              | Investigation of physical and mechanical behaviour of aluminium composite                | Mr.M.Sakthvel               | Hwashi automotive india limited<br>chennai          |
|   | 821119114030 | PURUSHOTHAMAN S          |                                                                                          |                             |                                                     |
|   | 821119114027 | PRADEEPRAJAN S           |                                                                                          |                             |                                                     |
|   | 821119114042 | VIGNESHWARAN M           |                                                                                          |                             |                                                     |
| 8 | 821119114301 | ABINESH P                | Design and Fabrication of agriculture cutter, paddy harvesting with using solar          | Mr. S.Desiken               | SRIVARI METAL WORKS PVT<br>Industrial Estate, Hosur |
|   | 821119114302 | POOVARASAN A             |                                                                                          |                             |                                                     |
|   | 821119114002 | AATHI BUBESH A           |                                                                                          |                             |                                                     |
|   | 821119114032 | RAJASEKARAN T K          |                                                                                          |                             |                                                     |
| 9 | 821119114901 | ASHOKKUMAR KR            | Oxidation behaviour of SS - 316 under molten salt environment at elevated temperature    | Mr.N.Magesh                 | Best Forgings India private limited                 |
|   | 821119114040 | VEERAMANI R              |                                                                                          |                             |                                                     |
|   | 821119114501 | ARAVINDAN G              |                                                                                          |                             |                                                     |
|   | 821119114028 | PRAVEENKUMAR S           |                                                                                          |                             |                                                     |

|    |              |                    |                                                                                                    |                  |                                                     |
|----|--------------|--------------------|----------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------|
| 10 | 821119114005 | BALAGANAPATHY S    | Experimental investigation SS - 304 & 316 coated by WCNC P Cermet                                  | Mr.S.Nelson raja | Best Forgings India private limited                 |
|    | 821119114024 | NARENDRAN R        |                                                                                                    |                  |                                                     |
|    | 821119114018 | IYAPPAN A          |                                                                                                    |                  |                                                     |
| 11 | 821119114021 | KISHORE R          | Chain link wire mesh making machine                                                                | Mr.V.Aravind     | Hwashi automotive india limited<br>chennai          |
|    | 821119114019 | KALAIMUHILARASAN S |                                                                                                    |                  |                                                     |
|    | 821119114035 | SATHIYASEELAN B    |                                                                                                    |                  |                                                     |
| 12 | 821119114039 | VEERAMANI K        | Evaluation of performance & Emission parameters of diesel engine using different Bio diesel blends | Mr R.Rajadurai   | SRIVARI METAL WORKS PVT<br>Industrial Estate, Hosur |
|    | 821119114013 | HARIHARAN D        |                                                                                                    |                  |                                                     |
|    | 821119114020 | KAVIARASAN R       |                                                                                                    |                  |                                                     |

*T. R. Rajadurai*

HOD (Mech)

H O D

DEPARTMENT OF MECHANICAL ENGINEERING  
KINGS COLLEGE OF ENGINEERING  
PUNALKULAM



# **SRIVARI METAL WORKS PVT**

E-14, Phase V, SIDCO Industrial Estate, Hosur-635 126, Tamil Nadu

Tele: 91-4344-270607, 505045, 505046

Mobile: 91-9894785780, 9899696621

Email: [srivarimetals@touchindia.net](mailto:srivarimetals@touchindia.net)

Fax: 91-4344-505044

---

30.04.2023

## **TO WHOM IT MAY CONCERN**

This is to certify that **Mr.BARATHBABU A, SIVASUBRAMANIAM S, HARIHARAN M, AAKASH J, SYEDU USMANALI M, PRIYADHARSAN L, HARISH GOWTHAM M, VENKATESH S** a student of **kings college of engineering, punalkulam** has successful/completed his project field visit from **20.04.2023 to 30.04.2023** in our company, with reference to partial fulfillment of the academic requirements.

All necessary details were provided from our side for the establishment of this implant training.

We wish him the very best in all his future endeavours.

Thanking you,

With regards



(SANDEEP KUMAR)

Plant Manager

# **SRIVARI METAL WORKS PVT**

E-14, Phase V, SIDCO Industrial Estate, Hosur-635 126, Tamil Nadu

Tele: 91-4344-270607, 505045, 505046

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Email: [srivarimetals@touchindia.net](mailto:srivarimetals@touchindia.net)

Fax: 91-4344-505044

---

30.04.2023

## **TO WHOM IT MAY CONCERN**

This is to certify that **Mr. ABINESH P, POOVARASAN A, AATHI BUBESH A, RAJASEKARAN T, K VEERAMANI K, HARIHARAN D, KAVIARASAN R** a student of **kings college of engineering, punalkulam** has successful/completed his project field visit from **20.04.2023 to 30.04.2023** in our company, with reference to partial fulfillment of the academic requirements.

All necessary details were provided from our side for the establishment of this of this in field visit.

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Thanking you,

With regards



(SANDEEP KUMAR)

Plant Manager

# HWASHI

**Hwashin Automotive India Pvt. Ltd.**

Malayambakkam, Chennai, tamilnadu 602117

Phone: 044-45146558 Mobile: 9600862458

E-mail id: [hwashinautomotiveindia@haip.com](mailto:hwashinautomotiveindia@haip.com)

Date: 18.02.2023

## Certificate Of Experience

This is to certify that **Mr. VEERAGURU. M, PURUSHOTHAMAN S, PRADEEPRAJAN S, VIGNESHWARAN M, KISHORE R, KALAIMUHILARASAN S, SATHIYASEELAN B**

.(KINGS COLLEGE OF ENGINEERING, punalkulam) has project field visit at Hwashin Automotive India Pvt. Ltd. From **18.02.2023** to **25.02.2023** under the guidance of Mr.Sreekanth R.

We have found him to be a self starter who is motivated, duty bound and hard-working

He worked sincerely on his assignment and his performance was par excellence.

We wish him best of luck for him future.

For Hwashin Automotive India Pvt. Ltd.



Asha Acharya  
(HR Manager)



# HWASHI

**Hwashin Automotive India Pvt. Ltd.**

Malayambakkam, Chennai, tamilnadu 602117

Phone: 044-45146558 Mobile: 9600862458

E-mail id: [hwashinautomotiveindia@haipl.com](mailto:hwashinautomotiveindia@haipl.com)

18.02.2023

## Certificate Of Experience

This is to certify that **Mr. DEEPANRAJ S, HARIHARAN M, MUTHUKUMAR.K BALAVIGNESH D, NITHISH A MULLAIVENDHAN ,G KARTHICK, DINESH A**(KINGS COLLEGE OF ENGINEERING, punalkulam) has successful completed his project field visit at Hwashin Automotive India Pvt. Ltd. From **18.02.2023 to 25.02.2023** under the guidance of Mr.Sreekanth R.

We have found him to be a self starter who is motivated, duty bound and hard-working

He worked sincerely on his assignment and his performance was par excellence.

We wish him best of luck for him future.

For Hwashin Automotive India Pvt. Ltd.



Asha Acharya

(HR Manager)



**Best Forgings India Private Limited**

Date: 19.04.2023

**CERTIFICATE**

This is to certify that Mr.**GUNAL P, SATHIYARAJ S, ARAVINDHAN B, BHARATHICHOZHAN S, SIVABALAN A, ROOBAN K, HARIHARAN M, GOPI G** student of Kings College of engineering, punalkulam has successfully completed his project field visit at **BEST FORGINGS INDIA PRIVATE LIMITED, Coimbatore** from **19.04.2023 to 26.04.2023**

The candidate was found to be enthusiastic and observant during his shot period at **BEST FORGINGS INDIA PRIVATE LIMITED**. His performance has been assessed as very good.

For **BEST FORGINGS INDIA Pvt. Ltd.**

(K.Ramkumar)

Human Resource – Manager

---

No. 15 – A, Private Industrial Estate, kurichi, SIDCO, Coimbatore – 641021 , Tamilnadu , India

Phone: 0422 \_ 234579

Mobile: +919699222755

E-mail id: bestforgingsindia\_01@bfipl.com

+918122398809



**Best Forgings India Private Limited**

Date: 19.04.2023

**CERTIFICATE**

This is to certify that Mr. **GUNAL P, SATHIYARAJ S, ARAVINDHAN B, BHARATHICHOZHAN S, SIVABALAN A, ROOBAN K, HARIHARAN M, GOPI G** student of Kings College of engineering, punalkulam has successfully completed his project field visit at **BEST FORGINGS INDIA PRIVATE LIMITED, Coimbatore** from **19.04.2023 to 26.04.2023**

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For **BEST FORGINGS INDIA Pvt. Ltd.**

(K. Ramkumar)

Human Resource – Manager

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+918122398809





## **DEPARTMENT OF CIVIL ENGINEERING**

**ACADEMIC YEAR : 2022-23 / ODD SEM**

**CE8711 – CREATIVE AND INNOVATIVE PROJECT**

**YEAR/SEM : IV /VII**

**COURSE FILE**

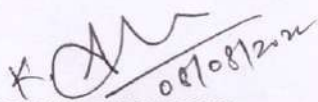
**STAFF INCHARGE**  
**K.ARUN / AP CIVIL**

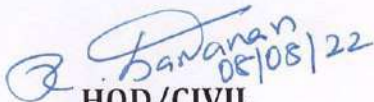
**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-23 (ODD SEM)**  
**BATCH (2019-2023) - STUDENT NAMELIST**

YEAR/SEM: IV / VII

TOTAL STRENGTH : 21

| S.No. | Reg. Number  | Student Name   |
|-------|--------------|----------------|
| 1     | 821119103001 | AGALYA B       |
| 2     | 821119103002 | ANBUMANI S     |
| 3     | 821119103003 | ARUNKUMAR M    |
| 4     | 821119103004 | ARUNPRASAD S   |
| 5     | 821119103005 | DIVYA S        |
| 6     | 821119103006 | JANANI T S     |
| 7     | 821119103007 | JAYACHANDRAN N |
| 8     | 821119103008 | JAYASEELAN M   |
| 9     | 821119103010 | KURALARASAN R  |
| 10    | 821119103011 | MADHUMITHA R   |
| 11    | 821119103012 | MONIKA M       |
| 12    | 821119103013 | PREMKUMAR J    |
| 13    | 821119103014 | RENGESWARI R   |
| 14    | 821119103015 | RUBIKA M       |
| 15    | 821119103016 | SANTHOSH S     |
| 16    | 821119103017 | SATHYA P       |
| 17    | 821119103018 | STALIN P       |
| 18    | 821119103019 | VIMAL R        |
| 19    | 821119103301 | DANIEL NAVIS F |
| 20    | 821119103501 | KARTHIKEYAN R  |
| 21    |              | ABIRAMI S      |

  
 CLASS COORDINATOR  
 (Mr.K.ARUN)

  
 HOD/CIVIL  
 (Dr.R.SARAVANAN)





A NAAC Accredited Institution  
**KINGS**  
 COLLEGE OF ENGINEERING  
 Recognized under 2(F & 12(B) of UOC  
 Approved by AICTE, New Delhi  
 Affiliated to Anna University, Chennai



**DEPARTMENT OF CIVIL ENGINEERING**  
**TIME TABLE (AUG' 2022 - NOV' 2022, ODD SEM)**

B.E - CIVIL (Reg. 17) - With Effect from 10.8.2022 - Tentative Last Working Day - 19.11.22

Batch: 2019 - 2023

Strength: 21

Year: IV

Semester: VII

Class Room : 233

Block: II

| Session | 1                       | 2                       | 10.45<br>am<br>-<br>11.00<br>am | 3                       | 4                       | 12.30<br>pm<br>-<br>01.10<br>pm | 5                       | 6                       | 02.40<br>pm<br>-<br>02.50<br>pm | 7                       | 8                       |
|---------|-------------------------|-------------------------|---------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|-------------------------|
| Day     | 09.15am<br>-<br>10.00am | 10.00am<br>-<br>10.45am |                                 | 11.00am<br>-<br>11.45am | 11.45am<br>-<br>12.30pm |                                 | 01.10pm<br>-<br>01.55pm | 01.55pm<br>-<br>02.40pm |                                 | 02.50pm<br>-<br>03.35pm | 03.35pm<br>-<br>04.20pm |
| MON     | CE8701                  | CE8701                  | BREAK                           | OEN751                  | CE8702                  | LUNCH BREAK                     | EN8591                  | CE8711                  | BREAK                           | CE8711                  |                         |
| TUE     | CE8702                  | OEN751                  |                                 | CE8701                  | CE8701                  |                                 | CE8703                  | EN8591                  |                                 | CE8711                  |                         |
| WED     | CE8703                  | CE8703                  |                                 | EN8591                  | OEN751                  |                                 | CE8702                  | CE8702                  |                                 | CE8711                  | LIB/NET                 |
| THU     | CE8701                  | CE8701                  |                                 | CE8703                  | CE8703                  |                                 | CC                      | OEN751                  |                                 | CE8711                  | T&P (A)                 |
| FRI     | EN8591                  | OEN751                  |                                 | CE8703                  | CE8703                  |                                 | EN8591                  | CE8702                  |                                 | CE8711                  | T&P(SS)                 |
| SAT     | RFC                     |                         |                                 | RFC                     | NPTEL                   |                                 | CC                      |                         |                                 | CE8711                  |                         |

| SUB CODE                         | NAME OF THE SUBJECT                           | CATEGORY | CREDITS | NAME OF THE STAFF          | DEPT  | PERIODS/WEEK |
|----------------------------------|-----------------------------------------------|----------|---------|----------------------------|-------|--------------|
| TUTORIAL (T), ELECTIVE (E)       |                                               |          |         |                            |       |              |
| CE8701                           | Estimation, Costing & Valuation Engineering   | PC       | 3       | Mr.K.Arun                  | CIVIL | 6            |
| CE8702                           | Railway, Airport, Docks & Harbour Engineering | PC       | 3       | Ms.D.Shrividhya            | CIVIL | 5            |
| CE8703                           | Structural Design & Drawing                   | PC       | 4       | Mr.R.Sundharam             | CIVIL | 7            |
| EN8591                           | Municipal Solid Waste Management              | PE       | 3(E)    | Ms.K.Elakkiya              | CIVIL | 5            |
| OEN751                           | Green Building Design                         | OE       | 3(E)    | Dr.R.Saravanan             | CIVIL | 5            |
| PRACTICAL                        |                                               |          |         |                            |       |              |
| CE8711                           | Creative and Innovative Project               | EEC      | 2       | Mr.K.Arun / Dr.R.Saravanan | CIVIL | 10           |
| CE8712                           | Industrial Training                           | EEC      | 2       | Mr.R.Ramchandrar           | CIVIL | -            |
| VALUE ADDITION INITIATIVES (VAI) |                                               |          |         |                            |       |              |
| RFC                              | Refresher course - Quantity Surveying         | VAI      |         | Ms.S.Gayathri              | CIVIL | 3            |
| LIB/NET                          | Library / Internet                            | VAI      |         | Mr.K.Arun                  | CIVIL | 1            |
| NPTEL                            | NPTEL Swayam Courses                          | VAI      |         | Mr.K.Arun                  | CIVIL | 1            |
| T&P (A)                          | Training & Placement - Aptitude               | VAI      |         | Ms.P.Suganya               | T&P   | 1            |
| T&P(SS)                          | Training & Placement - Softskill              | VAI      |         | Dr.K.Sudhakar              | T&P   | 1            |
| CC                               | Certification course - SketchUp               | VAI      |         | Mr.R.Chandrasekar          | CIVIL | 3            |

| CLASS CO-ORDINATOR           | NAME OF THE REPRESENTATIVES | ROLL NO |
|------------------------------|-----------------------------|---------|
| Mr.K.Arun                    | B.Agalya                    | 01      |
|                              | M.Jayaseelan                | 08      |
| CLASS COMMITTEE CHAIR PERSON | Ms.D.Sharmila               |         |

*D. Sharmila*  
 DEPT. TTC 20/8/22

*R. Saravanan*  
 HOD 22/08/2022

*J. Ramkumar*  
 23/8/2022  
 PRINCIPAL



CE8711

# CREATIVE AND INNOVATIVE PROJECT (Activity Based - Subject Related)

L T P C  
0 0 4 2**OBJECTIVE:**

- To use the knowledge acquired in Civil Engineering to do a mini project, which allows the students to come up with designs, fabrication or algorithms and programs expressing their ideas in a novel way.

**TOTAL: 60 PERIODS****STRATEGY**

To identify a topic of interest in consultation with Faculty/Supervisor. Review the literature and gather information pertaining to the chosen topic. State the objectives and develop a methodology to achieve the objectives. Carryout the design / fabrication or develop computer code. Demonstrate the novelty of the project through the results and outputs.

**12.4 PROJECT WORK**

Project work may be allotted to a single student or to a group of students not exceeding 4 per group.

The Head of the Institutions shall constitute a review committee for project work for each branch of study. There shall be three reviews during the semester by the review committee. The student shall make presentation on the progress made by him / her before the committee. The total marks obtained in the three reviews shall be **reduced for 20 marks** and rounded to the nearest integer (as per the scheme given in 12.4.1).

- 12.4.1 The project report shall carry a maximum 30 marks. The project report shall be submitted as per the approved guidelines as given by Director, Academic Courses. Same mark shall be awarded to every student within the project group for the project report. The viva-voce examination shall carry 50 marks. Marks are awarded to each student of the project group based on the individual performance in the viva-voce examination.

| Review<br>I | Review<br>II | Review<br>III | End semester Examinations |          |                |          |            |
|-------------|--------------|---------------|---------------------------|----------|----------------|----------|------------|
|             |              |               | Thesis<br>Submission (30) |          | Viva-Voce (50) |          |            |
|             |              |               | Internal                  | External | Internal       | External | Supervisor |
| 5           | 7.5          | 7.5           | 15                        | 15       | 15             | 20       | 15         |

- 12.4.2 If a candidate fails to submit the project report on or before the specified deadline, he/she is deemed to have failed in the Project Work and shall re-register for the same in a subsequent semester.



## Department of Civil Engineering

ACADEMIC YEAR 2022-23 (ODD SEM)

### STAFF NAME LIST WITH SPECIALIZATION

| Sl. No. | Name of the faculty | Designation  | Specialisation            |
|---------|---------------------|--------------|---------------------------|
| 1.      | Dr.R.Saravanan      | HOD / prof   | Structural Engineering    |
| 2.      | Mr. R.Sundaram      | Asst.prof    | Structural Engineering    |
| 3.      | Mr.K.Arun           | Asst.prof-II | Structural Engineering    |
| 4.      | Ms.D.Shrividhya     | Asst.prof    | Structural Engineering    |
| 5.      | Mr.R.Ramchandar     | Asst.prof    | Structural Engineering    |
| 6.      | Ms.S.Gayathri       | Asst.prof    | Environmental Engineering |
| 7.      | Ms.K.Elakkiya       | Asst.prof    | Structural Engineering    |
| 8.      | Mr.R.Chandrasekar   | Asst.prof    | Structural Engineering    |
| 9.      | Ms.D.Sharmila       | Asst.prof    | Environmental Engineering |

*R. Saravanan*  
12/08/2022  
HOD/CIVIL





**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022-23 (ODD SEM)**  
**CE8711- CREATIVE AND INNOVATIVE PROJECT - ACTION PLAN**

| S No | DESCRIPTION              | DATE       |
|------|--------------------------|------------|
| 1.   | BATCH FORMATION          | 16.08.2022 |
| 2.   | GUIDE SELECTION          | 17.08.2022 |
| 3.   | DOMAIN / TOPIC SELECTION | 18.08.2022 |
| 4.   | ZEROTH REVIEW            | 30.08.2022 |
| 5.   | FIRST REVIEW             | 15.09.2022 |
| 6.   | SECOND REVIEW            | 14.10.2022 |
| 7.   | THIRD REVIEW             | 31.10.2022 |
| 8.   | MODEL REVIEW             | 04.11.2022 |

**DESIGN PROJECT REVIEW GUIDELINES**

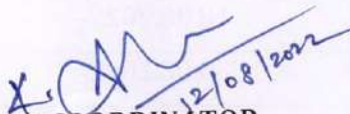
| FIRST REVIEW                                                                                                                                | SECOND REVIEW                                                                                                                               | THIRD REVIEW                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Title                                                                                                                                       | Title                                                                                                                                       | Title                                                                                                               |
| Abstract                                                                                                                                    | Abstract                                                                                                                                    | Abstract                                                                                                            |
| Power point presentation of the work done both hardcopy & softcopy ( Soft copy uploaded in the system on previous day and Hard Copy-signed) | Power point presentation of the work done both hardcopy & softcopy ( Soft copy uploaded in the system on previous day and Hard Copy-signed) | Power point presentation of the work done both hardcopy & softcopy                                                  |
| Literature Review(Minimum 05 papers)                                                                                                        | Detailed Design                                                                                                                             | Detailed Design                                                                                                     |
| Methodology                                                                                                                                 | Results obtained (intermediate)                                                                                                             | Final Outcome /Results obtained                                                                                     |
| Schedule/Action Plan                                                                                                                        | Action Plan Vs Execution.                                                                                                                   | References                                                                                                          |
| Expected Outcome                                                                                                                            | References                                                                                                                                  | Project Report – Students' copy + 3 Nos. with CD attached in all copies after getting signature from Guide and HOD. |
| References                                                                                                                                  | 60% of Report completion. (Upto literature Review with guide approval after correction)                                                     |                                                                                                                     |
| 30% of Report completion. (Upto literature Review with guide approval after correction)                                                     |                                                                                                                                             |                                                                                                                     |

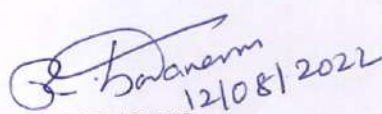


## Kings College of Engineering, Punalkulam

### General Guidelines

1. Project batches to **maintain Project Diary** recording the interactions made, works carried out during the period. Batches to meet guide as per **guide** directions (**minimum of 2 /week**) and **Project coordinator (Weekly once)** without fail.
2. Project Batches to **complete tasks as per the Review content**. Attendance is compulsory for review. Review marks will be credited for end-semester examination. **Batch will be allowed for Review only if all the batch members are present.**
3. The student should **meet the respective Internal Guide and Project Coordinator before every review**. Review will be conducted only in the presence of the respective guides.

  
PROJECT COORDINATOR

  
HOD/CIVIL

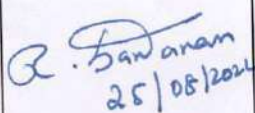
### Department of Civil Engineering

Academic Year 2022 - 2023 (ODDSEM) - Batch 2019-2023

CE8711/ Creative and Innovative Project - IV Year / VII Semester

Project Guide Consent Form

10.08.2022

| S No | Batch Members | Project Title                                                                                             | Project Guide Name | Project Guide Acceptance with Signature                                                                                 |
|------|---------------|-----------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|
| 1.   | B. AGALYA     | PLANNING, ANALYSING<br>AND DESIGNING OF<br>SCHOOL BUILDING<br>STRUCTURE WITH BASE<br>ISOLATION TECHNIQUES | Dr. R. SARAVANAN   | <br>25/08/2022<br>[Dr. R. Saravanan] |
|      | S. DIVYA      |                                                                                                           |                    |                                                                                                                         |
|      | T. S. JANANI  |                                                                                                           |                    |                                                                                                                         |
|      |               |                                                                                                           |                    |                                                                                                                         |

### Department of Civil Engineering

Academic Year 2022 - 2023 (ODDSEM) - Batch 2019-2023

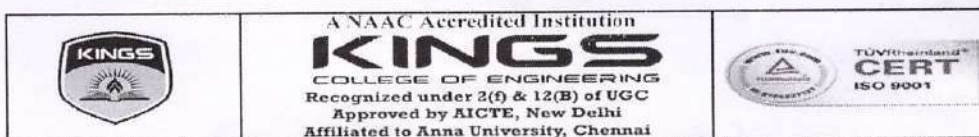
CE8711/ Creative and Innovative Project - IV Year / VII Semester

Project Guide Consent Form

10.08.2022

| S No | Batch Members | Project Title                                                                            | Project Guide Name       | Project Guide Acceptance with Signature                                                          |
|------|---------------|------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------|
| 2.   | S. ARUNPRASAD | Planning, Analysis<br>and Design of<br>Commercial building<br>with fire alarm<br>system. | Mr. R. Sundhara<br>- ram | <br>11/8/22 |
|      | S. SANTHOSH   |                                                                                          |                          |                                                                                                  |
|      | R. VIMAL      |                                                                                          |                          |                                                                                                  |
|      |               |                                                                                          |                          |                                                                                                  |





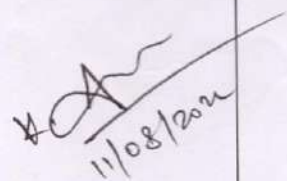
### Department of Civil Engineering

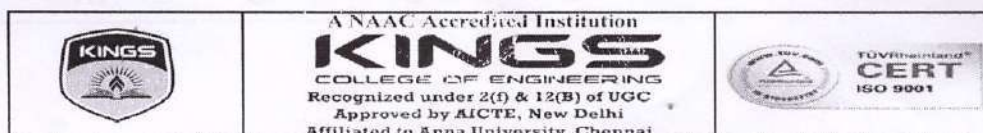
Academic Year 2022 - 2023 (ODDSEM) - Batch 2019-2023

CE8711/ Creative and Innovative Project - IV Year / VII Semester

#### Project Guide Consent Form

10.08.2022

| S No | Batch Members | Project Title                                                              | Project Guide Name | Project Guide Acceptance with Signature                                                           |
|------|---------------|----------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|
| 3    | M. Jayaseelan | Planning, analyzing & designing of residential building using solar power. | Mr. K. Arun        | <br>11/08/2022 |
|      | S. Anbumani   |                                                                            |                    |                                                                                                   |
|      | M. Arunkumar  |                                                                            |                    |                                                                                                   |
|      |               |                                                                            |                    |                                                                                                   |



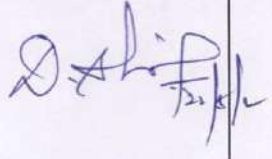
### Department of Civil Engineering

Academic Year 2022 - 2023 (ODDSEM) - Batch 2019-2023

CE8711/ Creative and Innovative Project - IV Year / VII Semester

#### Project Guide Consent Form

10.08.2022

| S No | Batch Members | Project Title                                                     | Project Guide Name | Project Guide Acceptance with Signature                                                          |
|------|---------------|-------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------|
| 4    | R. MADHUMITHA | PLANNING, ANALYSING AND DESIGNING OF PHC USING BIO-TOILETS SYSTEM | D. Shrividhya      | <br>12/8/22 |
|      | R. RENJESWART |                                                                   |                    |                                                                                                  |
|      | M. DONIKA     |                                                                   |                    |                                                                                                  |
|      |               |                                                                   |                    |                                                                                                  |



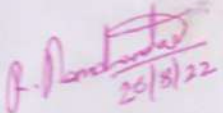
### Department of Civil Engineering

Academic Year 2022 - 2023 (ODDSEM) - Batch 2019-2023

CE8711/ Creative and Innovative Project - IV Year / VII Semester

Project Guide Consent Form

10.08.2022

| S No | Batch Members   | Project Title                                                                                             | Project Guide Name | Project Guide Acceptance with Signature                                                        |
|------|-----------------|-----------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------|
| 5    | P. STALIN       | PLANNING, DESIGNING AND ANALYSIS OF MODULAR CONSTRUCTION OF IT BUILDING USING PRECAST FABRICATION METHOD. | R. RAMCHANDAR      | <br>26/8/22 |
|      | N. JAYACHANDRAN |                                                                                                           |                    |                                                                                                |
|      | J. PREMKUMAR    |                                                                                                           |                    |                                                                                                |
|      |                 |                                                                                                           |                    |                                                                                                |

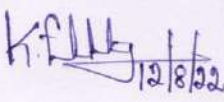
### Department of Civil Engineering

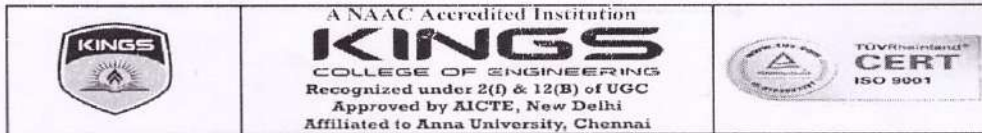
Academic Year 2022 - 2023 (ODDSEM) - Batch 2019-2023

CE8711/ Creative and Innovative Project - IV Year / VII Semester

Project Guide Consent Form

10.08.2022

| S No | Batch Members | Project Title                                          | Project Guide Name | Project Guide Acceptance with Signature                                                          |
|------|---------------|--------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------|
| 6.   | P. Sathya     | planning, Analysing and designing of Hostel using GBD. | MS. K. ELAKKIYA    | <br>12/8/22 |
|      | M. Rubika     |                                                        |                    |                                                                                                  |
|      | S. Abirami    |                                                        |                    |                                                                                                  |
|      |               |                                                        |                    |                                                                                                  |



### Department of Civil Engineering

Academic Year 2022 - 2023 (ODDSEM) - Batch 2019-2023

CE8711/ Creative and Innovative Project - IV Year / VII Semester

#### Project Guide Consent Form

10.08.2022

| S No | Batch Members   | Project Title                                                                            | Project Guide Name | Project Guide Acceptance with Signature |
|------|-----------------|------------------------------------------------------------------------------------------|--------------------|-----------------------------------------|
| 7    | R. Kuralarasan  | Planing, Designing & Analysis of Apartment building with automatic smart parking System. | S. Gayathri        | S. Gayathri                             |
|      | F. Daniel Navis |                                                                                          |                    |                                         |
|      | R. Karthikeyan  |                                                                                          |                    |                                         |
|      |                 |                                                                                          |                    |                                         |



## Department of Civil Engineering

Academic Year (2022 - 2023) ODD SEM

CE8711 / CREATIVE AND INNOVATIVE PROJECT - IV Year / VII Semester

IV Year/VII SEM

BATCH SELECTION

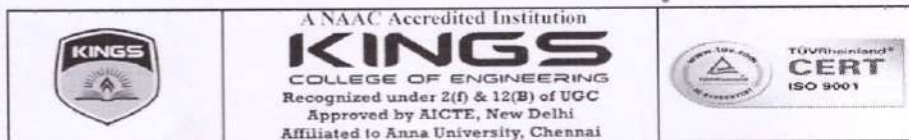
10.08.2022

| S No | Batch Members                                        | Project Topic                                                                       | Project Guide Preference by Students | Project Guide Acceptance with Signature |
|------|------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------|
| 1    | B. AGALYA<br>S. DIVYA<br>T. S. JANANI                | Planning, Analysing and designing of School building with base isolation technique. | Dr. R. SARAVANAN                     | R. Saravanan<br>11/08/2022              |
| 2    | S. Santhesh<br>S. Anuprasad<br>R. Vimal              | Planning analysing and designing of commercial building with fire alarm device.     | Mr. R. Sundharam.                    | R. Sundharam<br>11/8/22                 |
| 3    | M. Jayabalan<br>S. Anbumani<br>M. Anunkumar.         | Planning analysing and designing of Residential building with solar energy system.  | MR. K. Anum                          | K. Anum<br>11/8/2022                    |
| 4    | P. MADHUMITHA<br>P. RENGIESWARI<br>M. MONIKA         | Planning, Analysing and designing of Primary health centre with Bio-toilet.         | Ms. D. SHRIVIDHYA                    | D. Shrividhya<br>11/8/22                |
| 5    | P. STALIN<br>J. PREM KUMAR<br>N. JAYACHANDRAN        | Planning analysing and designing of IT company by using modular concept.            | MR. R. RAMCHANDAR                    | R. Ramchandran<br>11/8/22               |
| 6    | P. Sathya<br>M. Rubika<br>S. Abirami                 | Planning, Analysing and designing of Hostel using GBD.                              | MS. K. ELALKKIYA                     | K. Elalkkiya<br>11/8/22                 |
| 7    | R. KURALARASAN<br>F. Daniel Navis<br>S. Karthikeyan. | Planning, Designing & Analysis of Apartment building with automatic parking system. | MS. S. Gayathri                      | S. Gayathri<br>11/8/22                  |

PROJECT COORDINATOR

HOD/CIVIL





## DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022 -2023) - ODD SEM

CE8711 / Creative and Innovative Project

25.08.2022

### ZEROth REVIEW - CIRCULAR

- Zeroth review for Final year students will be conducted on **29.08.2022** by 01:30 PM at Smart class room (Room No:236).
- All the batch members should be available for the presentation with Formal dress code.
- The project guides are requested to make themselves available at the time of their batch student's presentation.
- The presentation should contain Topic, Abstract, Introduction, Literature review (5 Nos) and Action Plan for further works.
- Students should submit their Project file comprising of Project Diary, Review handouts, Journal papers copy (Duly signed by the Project guide).
- An Expert panel comprising of three faculty members will be evaluating the projects and giving valuable comments for upgradation of the students.

### PANEL MEMBERS:

1) Dr.R.Saravanan. HoD/Civil

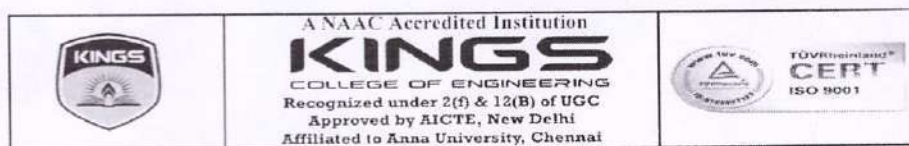
2) Mr.R.Sundharam, AP/Civil

3) Ms.D.Shrividhya, AP/Civil

*R. Sundharam*  
*D. Shrividhya*  
*25/8/22*

*[Signature]*  
*25/08/2022*  
Project Coordinator

*[Signature]*  
*25/08/2022*  
HOD



## DEPARTMENT OF CIVIL ENGINEERING

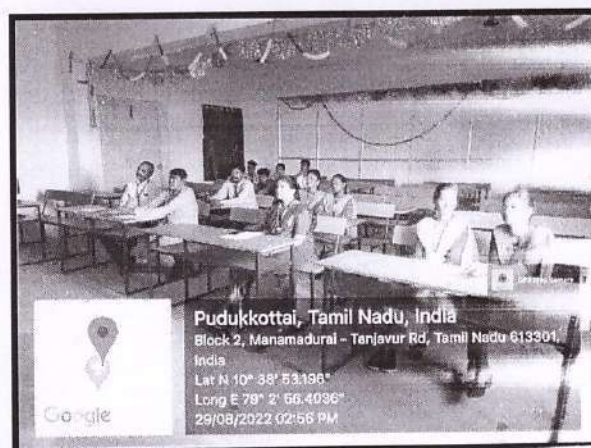
ACADEMIC YEAR 2022 -2023 - ODD SEM

CE8711 / Creative and Innovative Project

05.09.2022

### PROJECT REPORT - ZEROth REVIEW

- Zeroth review for Final year students was conducted on **29.08.2022** by 01:30 PM at Smart class room (Room No:236).
- The students presented about the Topic, Abstract, Introduction, Literature review (5 Nos).
- Students also presented their action plan for the project completion in valuable manner.
- Hardcopy of the handouts, Base papers were submitted along with the project diary and Project file.
- An Expert panel comprising of three faculty members evaluated the presentation and gave their suggestions and Guidance for further works to be done.



*Students presentation during Zeroth Review*

*K. Arun*  
05/09/2022  
PROJECT COORDINATOR  
(Mr.K.ARUN,AP/CIVIL)

*R. Saravanan*  
05/09/2022  
HOD/CIVIL  
(Dr.R.SARAVANAN)

*S. Arputha Vijaya Selvi*  
05/09/2022  
PRINCIPAL  
(Dr.J.ARPUTHA VIJAYA SELVI)





# Department of Civil Engineering

Academic Year (2022 - 2023) ODD SEM

CE8711 / CREATIVE AND INNOVATIVE PROJECT - IV Year / VII Semester

IV Year/VII SEM

ZERO TH REVIEW MARKS

20.09.2022

| S No | Batch Members  | Project Topic                                                                                            | Project Guide   | Topic selection (10) | Innovation (10) | Literature review (10) | PPT Content (10) | Viva Voce (10) | Total Marks (50) |
|------|----------------|----------------------------------------------------------------------------------------------------------|-----------------|----------------------|-----------------|------------------------|------------------|----------------|------------------|
| 1    | AGALYA B       | Planning, Analyzing and Designing of School building with Base Isolation Techniques                      | Dr.R.Saravanan  | 10                   | 9               | 7                      | 8                | 8              | 42               |
|      | DIVYA S        |                                                                                                          |                 | 10                   | 9               | 7                      | 8                | 6              | 40               |
|      | JANANI T S     |                                                                                                          |                 | 10                   | 9               | 7                      | 8                | 6              | 40               |
|      |                |                                                                                                          |                 |                      |                 |                        |                  |                |                  |
| 2    | ARUNPRASAD S   | Planning, Analyzing and Designing of Commercial building with fire alarm system                          | Mr.R.Sundharam  | 10                   | 9               | 7                      | 7                | 6              | 39               |
|      | SANTHOSH S     |                                                                                                          |                 | 10                   | 9               | 7                      | 7                | 6              | 39               |
|      | VIMAL R        |                                                                                                          |                 | 10                   | 9               | 7                      | 7                | 5              | 38               |
|      |                |                                                                                                          |                 |                      |                 |                        |                  |                |                  |
| 3    | ANBUMANI S     | Planning, Analyzing and Designing of Residential building with Solar energy system                       | Mr.K.Arun       | 10                   | 9               | 7                      | 7                | 5              | 38               |
|      | ARUNKUMAR M    |                                                                                                          |                 | 10                   | 9               | 7                      | 7                | 4              | 37               |
|      | JAYASEELAN M   |                                                                                                          |                 | 10                   | 9               | 7                      | 7                | 6              | 39               |
|      |                |                                                                                                          |                 |                      |                 |                        |                  |                |                  |
| 4    | MADHUMITHA R   | Planning, Analyzing and Designing of PHC with Bio-Toilet system                                          | Ms.D.Shrividhya | 10                   | 9               | 7                      | 7                | 7              | 40               |
|      | MONIKA M       |                                                                                                          |                 | 10                   | 9               | 7                      | 7                | 7              | 40               |
|      | RENGESWARI R   |                                                                                                          |                 | 10                   | 9               | 7                      | 7                | 8              | 41               |
|      |                |                                                                                                          |                 |                      |                 |                        |                  |                |                  |
| 5    | JAYACHANDRAN N | Planning, Analyzing and Designing of Modular construction of IT building using Pre-fabricated structures | Mr.R.Ramchandar | 8                    | 8               | 7                      | 7                | 6              | 36               |
|      | PREMKUMAR J    |                                                                                                          |                 | 8                    | 8               | 7                      | 7                | 6              | 36               |
|      | STALIN P       |                                                                                                          |                 | 8                    | 8               | 7                      | 7                | 6              | 36               |
|      |                |                                                                                                          |                 |                      |                 |                        |                  |                |                  |
| 6    | RUBIKA M       | Planning, Analyzing and Designing of Hostel building with GBD concept                                    | Ms.K.Elakkiya   | 10                   | 9               | 7                      | 7                | 7              | 40               |
|      | SATHYA P       |                                                                                                          |                 | 10                   | 9               | 7                      | 7                | 7              | 40               |
|      | ABIRAMI S      |                                                                                                          |                 | 10                   | 9               | 7                      | 7                | 7              | 40               |
|      |                |                                                                                                          |                 |                      |                 |                        |                  |                |                  |
| 7    | KURALARASAN R  | Planning, Analyzing and Designing of Apartment building with automatic car parking system                | Ms.S.Gayathri   | 9                    | 8               | 7                      | 7                | 6              | 37               |
|      | DANIEL NAVIS F |                                                                                                          |                 | 9                    | 8               | 7                      | 7                | 5              | 36               |
|      | KARTHIKEYAN R  |                                                                                                          |                 | 9                    | 8               | 7                      | 7                | 5              | 36               |
|      |                |                                                                                                          |                 |                      |                 |                        |                  |                |                  |

PROJECT COORDINATOR

HOD/CIVIL





## DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2022 -2023 - ODD SEM

CE8711 / Creative and Innovative Project

27.09.2022

### PROJECT REPORT - FIRST REVIEW

- First review for final year students was conducted on 17.09.2022 by 01:30 PM at Smart class room (Room No:236).
- The students presented about the Topic, Abstract, Introduction, Literature review (10 Nos) and building plan.
- Students also presented their action plan for the project completion in valuable manner.
- Hardcopy of the handouts, Base papers were submitted along with the project diary and Project file.
- An Expert panel comprising of three faculty members evaluated the presentation and gave their suggestions and Guidance for further works to be done.



*Students presentation during First Review*

*K. Arun*  
27/9/2022  
PROJECT COORDINATOR  
(Mr.K.ARUN,AP/CIVIL)

*R. Saravanam*  
27/09/2022  
HOD/CIVIL  
(Dr.R.SARAVANAN)

*J. Arputha Vijaya Selvi*  
28/9/2022  
PRINCIPAL  
(Dr.J.ARPUTHA VIJAYA SELVI)

### Department of Civil Engineering

Academic Year (2022 - 2023) ODD SEM

#### CE8711 / CREATIVE AND INNOVATIVE PROJECT - IV Year / VII Semester

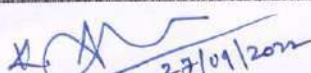
IV Year/VII SEM

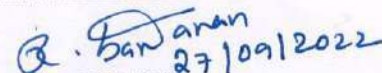
FIRST REVIEW MARKS

17.09.2022

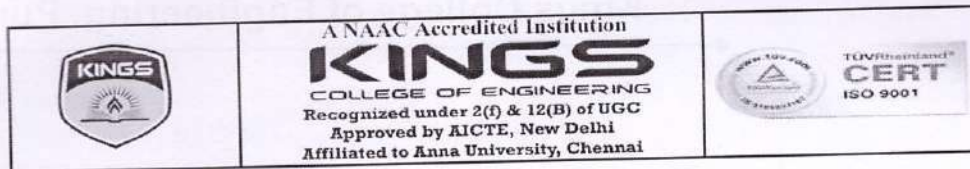
| S No | Batch Members  | Project Topic                                                                                            | Project Guide     | Topic selection (10) | Innovation (10) | Literature review (10) | PPT Content (10) | Viva Voce (10) | Total Marks (50) |
|------|----------------|----------------------------------------------------------------------------------------------------------|-------------------|----------------------|-----------------|------------------------|------------------|----------------|------------------|
| 1    | AGALYA B       | Planning, Analyzing and Designing of School building with Base Isolation Techniques                      | Dr.R.Saravanan    | 10                   | 9               | 9                      | 8                | 8              | 44               |
|      | DIVYA S        |                                                                                                          |                   | 10                   | 9               | 9                      | 8                | 8              | 44               |
|      | JANANI T S     |                                                                                                          |                   | 10                   | 9               | 9                      | 8                | 8              | 44               |
|      |                |                                                                                                          |                   |                      |                 |                        |                  |                |                  |
| 2    | ARUNPRASAD S   | Planning, Analyzing and Designing of Commercial building with fire alarm system                          | Mr.R.Sundharam    | 10                   | 9               | 8                      | 8                | 7              | 42               |
|      | SANTHOSH S     |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 7              | 42               |
|      | VIMAL R        |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 3              | 38               |
|      |                |                                                                                                          |                   |                      |                 |                        |                  |                |                  |
| 3    | ANBUMANI S     | Planning, Analyzing and Designing of Residential building with Solar energy system                       | Mr.K.Arun         | 10                   | 9               | 8                      | 8                | 3              | 38               |
|      | ARUNKUMAR M    |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 3              | 38               |
|      | JAYASEELAN M   |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 7              | 42               |
|      |                |                                                                                                          |                   |                      |                 |                        |                  |                |                  |
| 4    | MADHUMITHA R   | Planning, Analyzing and Designing of PHC with Bio-Toilet system                                          | Ms.D.Shridividhya | 10                   | 9               | 8                      | 8                | 7              | 42               |
|      | MONIKA M       |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 7              | 42               |
|      | RENGESWARI R   |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 8              | 43               |
|      |                |                                                                                                          |                   |                      |                 |                        |                  |                |                  |
| 5    | JAYACHANDRAN N | Planning, Analyzing and Designing of Modular construction of IT building using Pre-fabricated structures | Mr.R.Ramchandar   | 10                   | 9               | 8                      | 8                | 5              | 40               |
|      | PREMKUMAR J    |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 6              | 41               |
|      | STALIN P       |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 6              | 41               |
|      |                |                                                                                                          |                   | *                    |                 |                        |                  |                |                  |
| 6    | RUBIKA M       | Planning, Analyzing and Designing of Hostel building with GBD concept                                    | Ms.K.Elakkiya     | 10                   | 9               | 9                      | 8                | 8              | 44               |
|      | SATHYA P       |                                                                                                          |                   | 10                   | 9               | 9                      | 8                | 8              | 44               |
|      | ABIRAMI S      |                                                                                                          |                   | 10                   | 9               | 9                      | 8                | 8              | 44               |
|      |                |                                                                                                          |                   |                      |                 |                        |                  |                |                  |
| 7    | KURALARASAN R  | Planning, Analyzing and Designing of Apartment building with automatic car parking system                | Ms.S.Gayathri     | 10                   | 9               | 8                      | 8                | 6              | 41               |
|      | DANIEL NAVIS F |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 3              | 38               |
|      | KARTHIKEYAN R  |                                                                                                          |                   | 10                   | 9               | 8                      | 8                | 3              | 38               |
|      |                |                                                                                                          |                   |                      |                 |                        |                  |                |                  |

  
27/9/22  
EXPERT MEMBER

  
27/09/2022  
PROJECT COORDINATOR

  
27/09/2022  
HOD/CIVIL





## DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022 -2023) – ODD SEM

CE8711 / Creative and Innovative Project

17.10.2022

### SECOND REVIEW - CIRCULAR

- Second review for Final year students will be conducted on **18.10.2022** by 11:00 AM at Smart class room (Room No:236).
- All the batch members should be available for the presentation with formal dress code.
- The project guides are requested to make them available at the time of their batch student's presentation.
- The presentation should contain Topic, Abstract, Introduction, Literature review (10 Nos), Building plan, slab design, Beam design, Column design, Footing design and Action Plan for further works.
- Students should submit their Project file (Duly signed by the Project guide) comprising of Project Diary, Review handouts, Literature review report.
- An Expert panel comprising of three faculty members will be evaluating the projects and giving valuable comments for upgradation of the students.

### PANEL MEMBERS:

- 1) Dr.R.Saravanan, HoD/Civil - *R. Saravanan* 17/10/2022
- 2) Mr.R.Sundharam, AP/Civil - *R. Sundharam*
- 3) Ms.D.Shrividhya, AP/Civil - *D. Shrividhya*

*X. [Signature]*  
17/10/2022  
PROJECT COORDINATOR

*R. Saravanan*  
17/10/2022  
HOD/CIVIL



**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022 -2023 – ODD SEM**  
**CE8711 / Creative and Innovative Project**

**21.10.2022**

**PROJECT REPORT – SECOND REVIEW**

- Second review for final year students was conducted on **18.10.2022** by 02:00 PM at Smart class room (Room No:236).
- The students presented about the Topic, Abstract, Introduction, Literature review (10 Nos), plan, Design of slab, beam, column and footing.
- Students also presented their action plan for the project completion in valuable manner.
- Hardcopy of the handouts, literature review report were submitted along with the project diary and Project file.
- An Expert panel evaluated the student's presentation and gave their suggestions and Guidance for further works to be done.



*Students presentation during Second Review*

*K. Arun*  
 21/10/2022  
**PROJECT COORDINATOR**  
 (Mr.K.ARUN,AP/CIVIL)

*R. Saravanan*  
 21/10/2022  
**HOD/CIVIL**  
 (Dr.R.SARAVANAN)

*J. Arputha Vijaya Selvi*  
 21/10/2022  
**PRINCIPAL**  
 (Dr.J.ARPUTHA VIJAYA SELVI)

### Department of Civil Engineering

Academic Year (2022 - 2023) ODD SEM

#### CEB711 / CREATIVE AND INNOVATIVE PROJECT - IV Year / VII Semester

IV Year / VII SEM

SECOND REVIEW MARKS

18.10.2022

| S No | Batch Members  | Project Topic                                                                                            | Project Guide    | Plan (10) | Slab & Beam Design (10) | Column & Footing design (10) | PPT Content (10) | Viva Voce (10) | Total Marks (50) |
|------|----------------|----------------------------------------------------------------------------------------------------------|------------------|-----------|-------------------------|------------------------------|------------------|----------------|------------------|
| 1    | AGALYA B       | Planning, Analyzing and Designing of School building with Base Isolation Techniques                      | Dr.R.Saravanan   | 9         | 9                       | 8                            | 8                | 7              | 41               |
|      | DIVYA S        |                                                                                                          |                  | 9         | 9                       | 8                            | 8                | 6              | 40               |
|      | JANANI T S     |                                                                                                          |                  | 9         | 9                       | 8                            | 8                | 6              | 40               |
|      |                |                                                                                                          |                  |           |                         |                              |                  |                |                  |
| 2    | ARUNPRASAD S   | Planning, Analyzing and Designing of Commercial building with fire alarm system                          | Mr.R.Sundharam   | 8         | 8                       | 7                            | 7                | 7              | 37               |
|      | SANTHOSH S     |                                                                                                          |                  | 8         | 8                       | 7                            | 7                | 7              | 37               |
|      | VIMAL R        |                                                                                                          |                  | 8         | 8                       | 7                            | 7                | 5              | 35               |
|      |                |                                                                                                          |                  |           |                         |                              |                  |                |                  |
| 3    | ANBUMANI S     | Planning, Analyzing and Designing of Residential building with Solar energy system                       | Mr.K.Arun        | 9         | 9                       | 9                            | 8                | 5              | 40               |
|      | ARUNKUMAR M    |                                                                                                          |                  | 9         | 9                       | 9                            | 8                | 5              | 40               |
|      | JAYASEELAN M   |                                                                                                          |                  | 9         | 9                       | 9                            | 8                | 7              | 42               |
|      |                |                                                                                                          |                  |           |                         |                              |                  |                |                  |
| 4    | MADHUMITHA R   | Planning, Analyzing and Designing of PHC with Bio-Toilet system                                          | Ms.D.Shrividhya  | 8         | 8                       | 8                            | 7                | 7              | 38               |
|      | MONIKA M       |                                                                                                          |                  | 8         | 8                       | 8                            | 7                | 7              | 38               |
|      | RENGESWARI R   |                                                                                                          |                  | 8         | 8                       | 8                            | 7                | 8              | 39               |
|      |                |                                                                                                          |                  |           |                         |                              |                  |                |                  |
| 5    | JAYACHANDRAN N | Planning, Analyzing and Designing of Modular construction of IT building using Pre-fabricated structures | Mr.R.Ramchandrar | 8         | 8                       | 7                            | 7                | 5              | 35               |
|      | PREMKUMAR J    |                                                                                                          |                  | 8         | 8                       | 7                            | 7                | 5              | 35               |
|      | STALIN P       |                                                                                                          |                  | 8         | 8                       | 7                            | 7                | 7              | 37               |
|      |                |                                                                                                          |                  |           |                         |                              |                  |                |                  |
| 6    | RUBIKA M       | Planning, Analyzing and Designing of Hostel building with GBD concept                                    | Ms.K.Elakkiya    | 8         | 8                       | 7                            | 7                | 6              | 36               |
|      | SATHYA P       |                                                                                                          |                  | 8         | 8                       | 7                            | 7                | 6              | 36               |
|      | ABIRAMI S      |                                                                                                          |                  | 8         | 8                       | 7                            | 7                | 6              | 36               |
|      |                |                                                                                                          |                  |           |                         |                              |                  |                |                  |
| 7    | KURALARASAN R  | Planning, Analyzing and Designing of Apartment building with automatic car parking system                | Ms.S.Gayathri    | 9         | 9                       | 9                            | 8                | 7              | 42               |
|      | DANIEL NAVIS F |                                                                                                          |                  | 9         | 9                       | 9                            | 8                | 4              | 39               |
|      | KARTHIKEYAN R  |                                                                                                          |                  | 9         | 9                       | 9                            | 8                | 4              | 39               |
|      |                |                                                                                                          |                  |           |                         |                              |                  |                |                  |

PROJECT COORDINATOR

HOD/CIVIL





## DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022 -2023) – ODD SEM

CE8711 / Creative and Innovative Project

24.11.2022

### THIRD REVIEW - CIRCULAR

- Third review for Final year students will be conducted on **26.11.2022** by 09:30 AM at Smart class room (Room No:236).
- All the batch members should be available for the presentation with formal dress code.
- The project guides are requested to make them available at the time of their batch student's presentation.
- The presentation should contain Topic, Abstract, Introduction, Literature review (10 Nos), Building plan, slab design, Beam design, Column design, Footing design, Analysis and Conclusion.
- Students should submit their Project file (Duly signed by the Project guide) comprising of Project Diary, Review handouts, Literature review report and Rough draft of project book.
- An Expert panel comprising of three faculty members will be evaluating the projects and giving valuable comments for upgradation of the students.

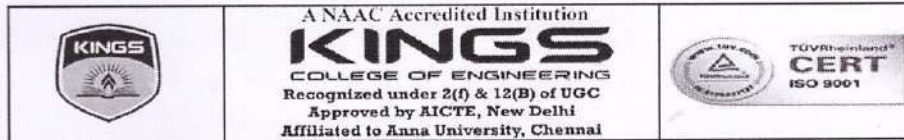
#### PANEL MEMBERS:

- 1) Dr.R.Saravanan, HoD/Civil → *R. Saravanan* 24/11/2022
- 2) Mr.R.Sundharam, AP/Civil → *R. Sundharam* 24/11/22
- 3) Ms.D.Shrividhya, AP/Civil → *D. Shrividhya* 24/11/22

*R. Saravanan*  
24/11/2022  
PROJECT COORDINATOR

*R. Saravanan*  
24/11/2022  
HOD/CIVIL





**DEPARTMENT OF CIVIL ENGINEERING  
ACADEMIC YEAR 2022 -2023 – ODD SEM  
CE8711 / Creative and Innovative Project**

**30.11.2022**

**PROJECT REPORT - THIRD REVIEW**

- Third review for final year students was conducted on **28.11.2022** by 01:30 PM at Smart class room (Room No:236).
- The students presented about the Topic, Abstract, Introduction, Literature review (10 Nos), Building plan, slab design, Beam design, Column design, Footing design, Analysis and Conclusion.
- Hardcopy of the handouts, literature review report and rough draft of project report were submitted along with the project diary and Project file.
- An Expert panel evaluated the student's presentation and gave their suggestions and Guidance for further works to be done.

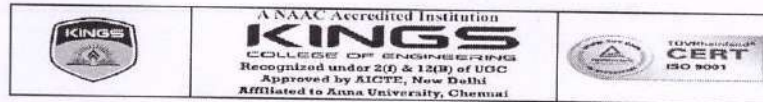


*Students presentation during Third Review*

*K. Arun*  
30/11/2022  
**PROJECT COORDINATOR**  
(Mr.K.ARUN,AP/CIVIL)

*R. Saravanan*  
30/11/2022  
**HOD/CIVIL**  
(Dr.R.SARAVANAN)

*J. Arputha Vijaya Selvi*  
30/11/2022  
**PRINCIPAL**  
(Dr.J.ARPUTHA VIJAYA SELVI)



## Department of Civil Engineering

Academic Year (2022 – 2023) ODD SEM

CE8711 / CREATIVE AND INNOVATIVE PROJECT – IV Year / VII Semester

IV Year/VII SEM

THIRD REVIEW MARKS

30.11.2022

| S No | Batch Members  | Project Topic                                                                                            | Project Guide   | Plan (10) | Design (10) | Analysis (10) | Rough Draft (10) | PPT & Viva Voce (10) | Total Marks (50) |
|------|----------------|----------------------------------------------------------------------------------------------------------|-----------------|-----------|-------------|---------------|------------------|----------------------|------------------|
| 1    | AGALYA B       | Planning, Analyzing and Designing of School building with Base Isolation Techniques                      | Dr.R.Saravanan  | 10        | 9           | 8             | 8                | 8                    | 43               |
|      | DIVYA S        |                                                                                                          |                 | 10        | 9           | 8             | 8                | 7                    | 42               |
|      | JANANI T S     |                                                                                                          |                 | 10        | 9           | 8             | 8                | 7                    | 42               |
|      |                |                                                                                                          |                 |           |             |               |                  |                      |                  |
| 2    | ARUNPRASAD S   | Planning, Analyzing and Designing of Commercial building with fire alarm system                          | Mr.R.Sundharam  | 9         | 9           | 8             | 7                | 7                    | 40               |
|      | SANTHOSH S     |                                                                                                          |                 | 9         | 9           | 8             | 7                | 7                    | 40               |
|      | VIMAL R        |                                                                                                          |                 | 9         | 9           | 8             | 7                | 6                    | 39               |
|      |                |                                                                                                          |                 |           |             |               |                  |                      |                  |
| 3    | ANBUMANI S     | Planning, Analyzing and Designing of Residential building with Solar energy system                       | Mr.K.Arun       | 10        | 9           | 9             | 8                | 6                    | 42               |
|      | ARUNKUMAR M    |                                                                                                          |                 | 10        | 9           | 9             | 8                | 6                    | 42               |
|      | JAYASEELAN M   |                                                                                                          |                 | 10        | 9           | 9             | 8                | 7                    | 43               |
|      |                |                                                                                                          |                 |           |             |               |                  |                      |                  |
| 4    | MADHUMITHA R   | Planning, Analyzing and Designing of PHC with Bio-Toilet system                                          | Ms.D.Shrividhya | 10        | 9           | 8             | 7                | 7                    | 41               |
|      | MONIKA M       |                                                                                                          |                 | 10        | 9           | 8             | 7                | 7                    | 41               |
|      | RENGESWARI R   |                                                                                                          |                 | 10        | 9           | 8             | 7                | 8                    | 42               |
|      |                |                                                                                                          |                 |           |             |               |                  |                      |                  |
| 5    | JAYACHANDRAN N | Planning, Analyzing and Designing of Modular construction of IT building using Pre-fabricated structures | Mr.R.Ramchandar | 10        | 9           | 8             | 7                | 6                    | 40               |
|      | PREMKUMAR J    |                                                                                                          |                 | * 10      | 9           | 8             | 7                | 6                    | 40               |
|      | STALIN P       |                                                                                                          |                 | 10        | 9           | 8             | 7                | 8                    | 42               |
|      |                |                                                                                                          |                 |           |             |               |                  |                      |                  |
| 6    | RUBIKA M       | Planning, Analyzing and Designing of Hostel building with GBD concept                                    | Ms.K.Elakkiya   | 10        | 9           | 7             | 7                | 7                    | 40               |
|      | SATHYA P       |                                                                                                          |                 | 10        | 9           | 7             | 7                | 7                    | 40               |
|      | ABIRAMI S      |                                                                                                          |                 | 10        | 9           | 7             | 7                | 7                    | 40               |
|      |                |                                                                                                          |                 |           |             |               |                  |                      |                  |
| 7    | KURALARASAN R  | Planning, Analyzing and Designing of Apartment building with automatic car parking system                | Ms.S.Gayathri   | 10        | 9           | 9             | 8                | 7                    | 43               |
|      | DANIEL NAVIS F |                                                                                                          |                 | 10        | 9           | 9             | 8                | 4                    | 40               |
|      | KARTHIKEYAN R  |                                                                                                          |                 | 10        | 9           | 9             | 8                | 4                    | 40               |
|      |                |                                                                                                          |                 |           |             |               |                  |                      |                  |

PROJECT COORDINATOR

HOD/CIVIL

**DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING**

**ACADEMIC YEAR  
2022-2023(EVEN)**



# **MINI PROJECT WORK**



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2022-23 (EVEN SEM)

#### Project Circular

6.2.23

The first review mini project review for the third year CSE students will be held on the following schedule

| Class | Date    | Time               |
|-------|---------|--------------------|
| III   | 07.3.23 | 1.10 p.m -2.40 p.m |

The students are required to prepare power point presentation for about 5 minutes covering the following contents.

- Title
- Abstract
- Comparison Results
  - Existing System
  - Proposed System
- System Requirements
- Architectural Design for Proposed system
- ER Diagram, DFD, Use Case Diagram (as applicable)
- Proposed Modules
- Algorithms / Techniques
- Expected Outcome
- References

#### **Review Mark split Details:**

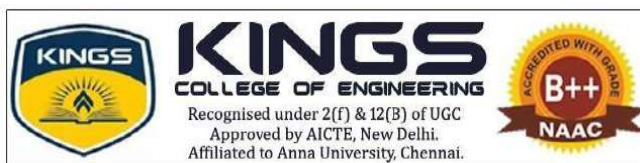
| Guide Marks<br>(25) | Panel member 1<br>(25) | Panel member 2<br>(25) | Coordinator<br>(25) | Total<br>(100) |
|---------------------|------------------------|------------------------|---------------------|----------------|
|                     |                        |                        |                     |                |

#### **Note**

- Students should submit the hard copy of PPT with guide approval

  
**MINI-PROJECT COORDINATOR**

  
**HOD/CSE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ACADEMIC YEAR 2022-23 (EVEN SEM)**

**MINI PROJECT PANEL MEMBERS**

1. Mrs. S. Puvaneswari  
AP/CSE, Kings College of Engineering
2. Mrs.P. Nalayini  
AP/CSE, Kings College of Engineering

**Respective Guides**

**Guide List**

| S.NO | STAFF NAME            | DESIGNATION |
|------|-----------------------|-------------|
| 1.   | Dr.S.M.Uma            | HOD/CSE     |
| 2.   | Mrs.K.Abhirami        | IQAC Head   |
| 3.   | Ms.S.Puvaneswari      | AP/CSE      |
| 4.   | Ms.B.Sangeetha        | AP/CSE      |
| 5.   | Mr.S.Rajarajan        | AP/CSE      |
| 6.   | Ms.R.Sugantha Lakshmi | AP/CSE      |
| 7.   | Mr.M.Arun             | AP/CSE      |
| 8.   | Mrs.Dhamayandhi       | AP/CSE      |
| 9.   | Ms.B.Bavithra         | AP/CSE      |
| 10.  | Ms.S.Abikayil aarthi  | AP/CSE      |
| 11.  | Dr.S.Kannan           | AP/CSE      |
| 12.  | Mrs.P.Nalayini        | AP/CSE      |

**MINI-PROJECT COORDINATOR**

**HOD/CSE**





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2022-23 (ODD SEM)

#### Mini Project -Plan of action

Class/Sem:III/VI

| S.No | Planned Date | Project Work                                              |
|------|--------------|-----------------------------------------------------------|
| 1.   | 6.2.23       | Problem statement identification & fixing objective       |
| 2.   | 15.2.23      | System requirements identification & Feasibility Analysis |
| 3.   | 24.2.23      | System design                                             |
| 4.   | 2.3.23       |                                                           |
| 5.   | 07.3.23      | Review-I                                                  |
|      | 09.5.23      | Review-II                                                 |
|      | 24.5.23      | Review-III & Project Expo and Report Submission           |

#### Guidelines:

1. Project identification can be made related to either society relevant project or KCE Project.
2. The student should meet the respective Internal Guide and Project Coordinator before review-I and get approval for presentation and documentation.
3. Review will be conducted only in the presence of the respective guides.
4. Students should utilize allotted project work hours for system development and for project review preparation.
5. Project batches to report to guide and coordinator about their work progress during Project period on the s Saturday of the week .
6. Students should publish their project work in Project Expo of our department.
7. Certificates will be provided for all project team members also **awarded prize** for best project.

MINI-PROJECT COORDINATOR

HOD/CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2022-23 / EVEN SEMESTER**  
**2020-2024 Batch –MINI PROJECT**

| S.NO | BATCH NUMBER | REGISTER NO  | NAME             | TITLE OF THE PROJECT                                                   | GUIDE NAME       |
|------|--------------|--------------|------------------|------------------------------------------------------------------------|------------------|
| 1.   | 1            | 821120104001 | AASHA J          | Controlling screen time for children                                   | Ms.S.Puvaneswari |
| 2.   |              | 821120104012 | DEEPIKA K        |                                                                        |                  |
| 3.   |              | 821120104021 | JAYAVANI K       |                                                                        |                  |
| 4.   | 2            | 821120104003 | ARUNOTHAYA A C   | Developing virtual reality based solution in dressing                  | Ms.P.Nalayini    |
| 5.   |              | 821120104005 | ATCHAYA R V      |                                                                        |                  |
| 6.   |              | 821120104009 | BOOMIKA R        |                                                                        |                  |
| 7.   |              | 821120104022 | JENO VINNARASI A |                                                                        |                  |
| 8.   | 3            | 821120104018 | GEETHA I         | E-commerce for an online shopping website of handicrafts               | Ms.B.Bavithra    |
| 9.   |              | 821120104008 | BHAVATHARANI V   |                                                                        |                  |
| 10.  |              | 821120104032 | NANDHINI S       |                                                                        |                  |
| 11.  |              | 821120104048 | SNEGA S          |                                                                        |                  |
| 12.  | 4            | 821120104017 | GAYATHRI M       | Digital payment solution                                               | Dr.S.M.Uma       |
| 13.  |              | 821120104051 | SNEKA P(19/6)    |                                                                        |                  |
| 14.  |              | 821120104049 | SNEHA E          |                                                                        |                  |
| 15.  |              | 821120104056 | VANATHI G        |                                                                        |                  |
| 16.  | 5            | 821120104023 | KARTHIKA M       | Car resale value prediction                                            | Ms.N.Dhamayandhi |
| 17.  |              | 821120104038 | PRIYARANI.B      |                                                                        |                  |
| 18.  |              | 821120104035 | NIVETHA S        |                                                                        |                  |
| 19.  | 6            | 821120104024 | KAYALVIZHI K     | Automatic Timetable generator                                          | Dr.S.M.Uma       |
| 20.  |              | 821120104027 | LAVANYA J        |                                                                        |                  |
| 21.  |              | 821120104028 | MAHALAKSHMI V    |                                                                        |                  |
| 22.  |              | 821120104050 | SNEHA P(23/5)    |                                                                        |                  |
| 23.  | 7            | 821120104025 | KEERTHIGA S      | An end-to-end Indian paper currency recognition for blind and visually | Ms.P.Nalayini    |
| 24.  |              | 821120104036 | PARKAVI D        |                                                                        |                  |
| 25.  |              | 821120104059 | VASINYA M        |                                                                        |                  |
| 26.  |              | 821120104062 | VINTHIYA M       |                                                                        |                  |

| S.NO | BATCH NUMBER | REGISTER NO  | NAME            | TITLE OF THE PROJECT                              | GUIDE NAME            |
|------|--------------|--------------|-----------------|---------------------------------------------------|-----------------------|
| 27.  | 8            | 821120104041 | REENA S         | User interface of queens college website using AI | Ms.S.Puvaneswari      |
| 28.  |              | 821120104046 | SATHYA R        |                                                   |                       |
| 29.  |              | 821120104701 | SELVAPRIYA.A    |                                                   |                       |
| 30.  | 9            | 821120104042 | SAFREENBANU S   | Event management System                           | Ms.K.Abhirami         |
| 31.  |              | 821120104060 | VICHITHRA V     |                                                   |                       |
| 32.  |              | 821120104063 | YOKESHWARI P    |                                                   |                       |
| 33.  | 10           | 821120104045 | SATHYA A        | Tourism recommendation system                     | Ms.R.Sugantha Lakshmi |
| 34.  |              | 821120104053 | SURUTHIGA C     |                                                   |                       |
| 35.  |              | 821120104057 | VARSHA N N      |                                                   |                       |
| 36.  | 11           | 821120104002 | AJAY S          | Gym management system                             | Dr.S.M.Uma            |
| 37.  |              | 821120104011 | DEEPAN S        |                                                   |                       |
| 38.  |              | 821120104015 | ELAMARAN S      |                                                   |                       |
| 39.  |              | 821120104033 | NARESH KUMAR N  |                                                   |                       |
| 40.  | 12           | 821120104004 | ASHWIN V        | KCECOR college management system                  | Mr.M.Arun             |
| 41.  |              | 821120104034 | NITHISH S       |                                                   |                       |
| 42.  |              | 821120104302 | RISHI KUMAR R   |                                                   |                       |
| 43.  |              | 821120104058 | VASANTH M       |                                                   |                       |
| 44.  | 13           | 821120104006 | BALAMURUGAN M   | Medicine recaller mobile App                      | Ms.K.Abhirami         |
| 45.  |              | 821120104007 | BARATHRAJ R     |                                                   |                       |
| 46.  |              | 821120104031 | MURUGARAJ M     |                                                   |                       |
| 47.  |              | 821120104043 | SANTHOSH KUMAR  |                                                   |                       |
| 48.  | 14           | 821120104010 | DEEPAK KUMAR D  | Face Recognition Attendance system                | Mr.M.Arun             |
| 49.  |              | 821120104026 | KRISHNAKUMAR G  |                                                   |                       |
| 50.  |              | 821120104052 | SURIYAPRAKASH M |                                                   |                       |
| 51.  | 15           | 821120104013 | DINESH S        | Automatic Number Plate Recognition System         | Dr.Kannan             |
| 52.  |              | 821120104016 | ESWAR S         |                                                   |                       |
| 53.  |              | 821120104029 | MOHAMED SAMEER  |                                                   |                       |
| 54.  |              | 821120104039 | RAGUL SANKAR J  |                                                   |                       |
| 55.  | 16           | 821120104020 | HARISH B        | Employee management system                        | Ms.R.Sugantha Lakshmi |
| 56.  |              | 821120104044 | SARVESH S       |                                                   |                       |
| 57.  |              | 821120104047 | SIVA M          |                                                   |                       |
| 58.  |              | 821120104054 | THIRUMURUGAN K  |                                                   |                       |



| S.NO | BATCH<br>NUMBER | REGISTER NO  | NAME            | TITLE OF THE<br>PROJECT                    | GUIDE NAME              |
|------|-----------------|--------------|-----------------|--------------------------------------------|-------------------------|
| 59.  | 17              | 821120104040 | RAJKUMAR K      | Online Job<br>recruitment portal<br>system | Ms.S.Abikayil<br>Aarthi |
| 60.  |                 | 821120104301 | RAJESH KANNAN C |                                            |                         |
| 61.  |                 | 821120104055 | THIRUMURUGAN S  |                                            |                         |
| 62.  |                 | 821120104061 | VIJAY S         |                                            |                         |
| 63.  | 18              | 821120104014 | DINESHKUMAR R   | Ticketless entry<br>system                 | Mr.M.Arun               |
| 64.  |                 | 821120104030 | MUHILAN E       |                                            |                         |
| 65.  |                 | 821120104037 | PRAKASH A       |                                            |                         |
| 66.  |                 | 821120104019 | GUHAN D         |                                            |                         |

The reports of the project works submitted by the above students in partial fulfillment for the award of Bachelor of Engineering /Technology degree in Electronics and Communication Engineering of Anna University were evaluated and confirmed to be reports of the work done by the above students and then evaluated.

  
CO-ORDINATOR

  
HOD/CSE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2022-23 / EVEN SEMESTER**  
**2020-2024 Batch –MINI PROJECT**  
**FIRST REVIEW REPORT (07.03.23)**

| S.NO | BATCH | REG.NO       | STUDENT NAME     | PROPOSED PROJECT WORK TITLE                           | GUIDE NAME       | TOTAL (100) |
|------|-------|--------------|------------------|-------------------------------------------------------|------------------|-------------|
| 1.   | I     | 821120104001 | AASHA J          | Controlling screen time for children                  | Ms.S.Puvaneswari | 90          |
| 2.   |       | 821120104012 | DEEPIKA K        |                                                       |                  | 92          |
| 3.   |       | 821120104021 | JAYAVANI K       |                                                       |                  | 91          |
| 4.   | II    | 821120104003 | ARUNOTHAYA A C   | Developing virtual reality based solution in dressing | Ms.P.Nalayini    | 95          |
| 5.   |       | 821120104005 | ATCHAYA R V      |                                                       |                  | 96          |
| 6.   |       | 821120104009 | BOOMIKA R        |                                                       |                  | 93          |
| 7.   |       | 821120104022 | JENO VINNARASI A |                                                       |                  | 97          |
| 8.   | III   | 821120104018 | GEETHA I         | E-commerce for online shopping website of handicraft  | Ms.B.Bavithra    | 92          |
| 9.   |       | 821120104008 | BHAVATHARANI V   |                                                       |                  | 92          |
| 10.  |       | 821120104032 | NANDHINI S       |                                                       |                  | 95          |
| 11.  |       | 821120104048 | SNEGA S          |                                                       |                  | 91          |
| 12.  | IV    | 821120104017 | GAYATHRI M       | Smart automation digital payment solution             | Dr.S.M.Uma       | 95          |
| 13.  |       | 821120104051 | SNEKA P(19/6)    |                                                       |                  | 92          |
| 14.  |       | 821120104049 | SNEHA E          |                                                       |                  | 93          |
| 15.  |       | 821120104056 | VANATHI G        |                                                       |                  | 92          |
| 16.  | V     | 821120104023 | KARTHIKA M       | Car resale value prediction                           | Ms.N.Dhamayandhi | 91          |
| 17.  |       | 821120104038 | PRIYARANI.B      |                                                       |                  | 98          |
| 18.  |       | 821120104035 | NIVETHA S        |                                                       |                  | 94          |

| S.NO | BATCH | REG.NO       | STUDENT NAME   | PROPOSED PROJECT WORK TITLE                                                            | GUIDE                 | TOTAL (100) |
|------|-------|--------------|----------------|----------------------------------------------------------------------------------------|-----------------------|-------------|
| 19.  | VI    | 821120104024 | KAYALVIZHI K   | Timetable generator                                                                    | Dr.S.M.Uma            | 91          |
| 20.  |       | 821120104027 | LAVANYA J      |                                                                                        |                       | 91          |
| 21.  |       | 821120104028 | MAHALAKSHMI V  |                                                                                        |                       | 92          |
| 22.  |       | 821120104050 | SNEHA P(23/5)  |                                                                                        |                       | 93          |
| 23.  | VII   | 821120104025 | KEERTHIGA S    | An end-to-end indian paper currency recognition for blind and visually impaired people | Ms.P.Nalayini         | 94          |
| 24.  |       | 821120104036 | PARKAVI D      |                                                                                        |                       | 94          |
| 25.  |       | 821120104059 | VASINYA M      |                                                                                        |                       | 92          |
| 26.  |       | 821120104062 | VINTHIYA M     |                                                                                        |                       | 91          |
| 27.  | VIII  | 821120104041 | REENA S        | User interface of queens college website using AI                                      | Ms.S.Puvaneswari      | 94          |
| 28.  |       | 821120104046 | SATHYA R       |                                                                                        |                       | 91          |
| 29.  |       | 821120104701 | SELVAPRIYA.A   |                                                                                        |                       | 90          |
| 30.  | IX    | 821120104042 | SAFREENBANU S  | Event management                                                                       | Ms.K.Abhirami         | 91          |
| 31.  |       | 821120104060 | VICHITHRA V    |                                                                                        |                       | 91          |
| 32.  |       | 821120104063 | YOKESHWARI P   |                                                                                        |                       | 92          |
| 33.  | X     | 821120104045 | SATHYA A       | Tourism recommended system                                                             | Ms.R.Sugantha Lakshmi | 93          |
| 34.  |       | 821120104053 | SURUTHIGA C    |                                                                                        |                       | 95          |
| 35.  |       | 821120104057 | VARSHA N N     |                                                                                        |                       | 92          |
| 36.  | XI    | 821120104002 | AJAY S         | Gym management system                                                                  | Dr.S.M.Uma            | 94          |
| 37.  |       | 821120104011 | DEEPAN S       |                                                                                        |                       | 92          |
| 38.  |       | 821120104015 | ELAMARAN S     |                                                                                        |                       | 91          |
| 39.  |       | 821120104033 | NARESH KUMAR N |                                                                                        |                       | 92          |
| 40.  | XII   | 821120104004 | ASHWIN V       | KCECOR college management system                                                       | Mr.M.Arun             | 91          |
| 41.  |       | 821120104034 | NITHISH S      |                                                                                        |                       | 96          |
| 42.  |       | 821120104302 | RISHI KUMAR R  |                                                                                        |                       | 92          |
| 43.  |       | 821120104058 | VASANTH M      |                                                                                        |                       | 91          |
| 44.  | XIII  | 821120104006 | BALAMURUGAN M  | MEDICINE RECALER                                                                       | Ms.K.Abhirami         | 93          |
| 45.  |       | 821120104007 | BARATHRAJ R    |                                                                                        |                       | 95          |
| 46.  |       | 821120104031 | MURUGARAJ M    |                                                                                        |                       | 91          |



| S.NO |       | REG.NO       | STUDENT NAME     | PROPOSED PROJECT TITLE             | WORK | GUIDE                 | TOTAL (100) |
|------|-------|--------------|------------------|------------------------------------|------|-----------------------|-------------|
| 47.  |       | 821120104043 | SANTHOSH KUMAR G |                                    |      |                       | 90          |
| 48.  |       | 821120104010 | DEEPAK KUMAR D   |                                    |      |                       | 91          |
| 49.  | XIV   | 821120104026 | KRISHNAKUMAR G   | Attendance management system       |      | Mr.M.Arun             | 92          |
| 50.  |       | 821120104052 | SURIYAPRAKASH M  |                                    |      |                       | 93          |
| 51.  |       | 821120104013 | DINESH S         |                                    |      |                       | 92          |
| 52.  |       | 821120104016 | ESWAR S          | IoT based health monitoring system |      | Dr.Kannan             | 91          |
| 53.  | XV    | 821120104029 | MOHAMED SAMEER S |                                    |      |                       | 90          |
| 54.  |       | 821120104039 | RAGUL SANKAR J   |                                    |      |                       | 91          |
| 55.  |       | 821120104020 | HARISH B         |                                    |      |                       | 92          |
| 56.  |       | 821120104044 | SARVESH S        | Sensor blindstick                  |      | Ms.R.Sugantha Lakshmi | 93          |
| 57.  | XVI   | 821120104047 | SIVA M           |                                    |      |                       | 92          |
| 58.  |       | 821120104054 | THIRUMURUGAN K   |                                    |      |                       | 91          |
| 59.  |       | 821120104040 | RAJKUMAR K       |                                    |      |                       | 92          |
| 60.  |       | 821120104301 | RAJESH KANNAN C  | Job recruitment portal system      |      | Ms.S.Abikayil Aarthi  | 92          |
| 61.  | XVII  | 821120104055 | THIRUMURUGAN S   |                                    |      |                       | 90          |
| 62.  |       | 821120104061 | VIJAY S          |                                    |      |                       | 92          |
| 63.  |       | 821120104014 | DINESHKUMAR R    |                                    |      |                       | 91          |
| 64.  |       | 821120104030 | MUHILAN E        | Ticketless entry system            |      | Mr.M.Arun             | 92          |
| 65.  | XVIII | 821120104037 | PRAKASH A        |                                    |      |                       | 93          |
| 66.  |       | 821120104019 | GUHAN D          |                                    |      |                       | 94          |

P.N.S. 8/13/23  
PROJECT COORDINATOR

S.S. 8/13/23  
HOD/CSE

J. Jagan 08/13/2023  
PRINCIPAL



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2022-23 / EVEN SEMESTER**  
**2020-2024 Batch –MINI PROJECT**  
**SECOND REVIEW REPORT (09.05.23)**

| S.NO | BATCH | REG.NO       | STUDENT NAME     | PROPOSED PROJECT WORK TITLE                           | GUIDE NAME       | TOTAL (100) |
|------|-------|--------------|------------------|-------------------------------------------------------|------------------|-------------|
| 1.   | I     | 821120104001 | AASHA J          | Controlling screen time for children                  | Ms.S.Puvaneswari | 92          |
| 2.   |       | 821120104012 | DEEPIKA K        |                                                       |                  | 96          |
| 3.   |       | 821120104021 | JAYAVANI K       |                                                       |                  | 94          |
| 4.   | II    | 821120104003 | ARUNOTHAYA A C   | Developing virtual reality based solution in dressing | Ms.P.Nalayini    | 92          |
| 5.   |       | 821120104005 | ATCHAYA R V      |                                                       |                  | 91          |
| 6.   |       | 821120104009 | BOOMIKA R        |                                                       |                  | 92          |
| 7.   |       | 821120104022 | JENO VINNARASI A |                                                       |                  | 92          |
| 8.   | III   | 821120104018 | GEETHA I         | E-commerce for online shopping website of handicraft  | Ms.B.Bavithra    | 92          |
| 9.   |       | 821120104008 | BHAVATHARANI V   |                                                       |                  | 91          |
| 10.  |       | 821120104032 | NANDHINI S       |                                                       |                  | 92          |
| 11.  |       | 821120104048 | SNEGA S          |                                                       |                  | 93          |
| 12.  | IV    | 821120104017 | GAYATHRI M       | Smart automation digital payment solution             | Dr.S.M.Uma       | 95          |
| 13.  |       | 821120104051 | SNEKA P(19/6)    |                                                       |                  | 92          |
| 14.  |       | 821120104049 | SNEHA E          |                                                       |                  | 91          |
| 15.  |       | 821120104056 | VANATHI G        |                                                       |                  | 90          |
| 16.  | V     | 821120104023 | KARTHIKA M       | Car resale value prediction                           | Ms.N.Dhamayandhi | 91          |
| 17.  |       | 821120104038 | PRIYARANI.B      |                                                       |                  | 92          |
| 18.  |       | 821120104035 | NIVETHA S        |                                                       |                  | 93          |

| S.NO | BATCH | REG.NO       | STUDENT NAME   | PROPOSED PROJECT WORK TITLE                                                            | GUIDE                 | TOTAL (100) |
|------|-------|--------------|----------------|----------------------------------------------------------------------------------------|-----------------------|-------------|
| 19.  | VI    | 821120104024 | KAYALVIZHI K   | Timetable generator                                                                    | Dr.S.M.Uma            | 91          |
| 20.  |       | 821120104027 | LAVANYA J      |                                                                                        |                       | 92          |
| 21.  |       | 821120104028 | MAHALAKSHMI V  |                                                                                        |                       | 94          |
| 22.  |       | 821120104050 | SNEHA P(23/5)  |                                                                                        |                       | 95          |
| 23.  | VII   | 821120104025 | KEERTHIGA S    | An end-to-end indian paper currency recognition for blind and visually impaired people | Ms.P.Nalayini         | 92          |
| 24.  |       | 821120104036 | PARKAVI D      |                                                                                        |                       | 93          |
| 25.  |       | 821120104059 | VASINYA M      |                                                                                        |                       | 92          |
| 26.  |       | 821120104062 | VINTHIYA M     |                                                                                        |                       | 91          |
| 27.  | VIII  | 821120104041 | REENA S        | User interface of queens college website using AI                                      | Ms.S.Puvaneswari      | 90          |
| 28.  |       | 821120104046 | SATHYA R       |                                                                                        |                       | 92          |
| 29.  |       | 821120104701 | SELVAPRIYA.A   |                                                                                        |                       | 94          |
| 30.  | IX    | 821120104042 | SAFREENBANU S  | Event management                                                                       | Ms.K.Abhirami         | 91          |
| 31.  |       | 821120104060 | VICHITHRA V    |                                                                                        |                       | 93          |
| 32.  |       | 821120104063 | YOKESHWARI P   |                                                                                        |                       | 98          |
| 33.  | X     | 821120104045 | SATHYA A       | Tourism recommended system                                                             | Ms.R.Sugantha Lakshmi | 92          |
| 34.  |       | 821120104053 | SURUTHIGA C    |                                                                                        |                       | 91          |
| 35.  |       | 821120104057 | VARSHA N N     |                                                                                        |                       | 92          |
| 36.  | XI    | 821120104002 | AJAY S         | Gym management system                                                                  | Dr.S.M.Uma            | 90          |
| 37.  |       | 821120104011 | DEEPAN S       |                                                                                        |                       | 91          |
| 38.  |       | 821120104015 | ELAMARAN S     |                                                                                        |                       | 92          |
| 39.  |       | 821120104033 | NARESH KUMAR N |                                                                                        |                       | 93          |
| 40.  | XII   | 821120104004 | ASHWIN V       | KCECOR college management system                                                       | Mr.M.Arun             | 93          |
| 41.  |       | 821120104034 | NITHISH S      |                                                                                        |                       | 94          |
| 42.  |       | 821120104302 | RISHI KUMAR R  |                                                                                        |                       | 91          |
| 43.  |       | 821120104058 | VASANTH M      |                                                                                        |                       | 92          |
| 44.  | XIII  | 821120104006 | BALAMURUGAN M  | Mobile application for medicine recalling system                                       | Ms.K.Abhirami         | 93          |
| 45.  |       | 821120104007 | BARATHRAJ R    |                                                                                        |                       | 91          |
| 46.  |       | 821120104031 | MURUGARAJ M    |                                                                                        |                       | 91          |



| S.NO |       | REG.NO       | STUDENT NAME     | PROPOSED PROJECT WORK TITLE        | GUIDE                 | TOTAL (100) |
|------|-------|--------------|------------------|------------------------------------|-----------------------|-------------|
| 47.  |       | 821120104043 | SANTHOSH KUMAR G |                                    |                       | 92          |
| 48.  | XIV   | 821120104010 | DEEPAK KUMAR D   | Attendance management system       | Mr.M.Arun             | 93          |
| 49.  |       | 821120104026 | KRISHNAKUMAR G   |                                    |                       | 94          |
| 50.  |       | 821120104052 | SURIYAPRAKASH M  |                                    |                       | 92          |
| 51.  | XV    | 821120104013 | DINESH S         | IoT based health monitoring system | Dr.Kannan             | 94          |
| 52.  |       | 821120104016 | ESWAR S          |                                    |                       | 93          |
| 53.  |       | 821120104029 | MOHAMED SAMEER S |                                    |                       | 91          |
| 54.  |       | 821120104039 | RAGUL SANKAR J   |                                    |                       | 92          |
| 55.  | XVI   | 821120104020 | HARISH B         | Sensor blindstick                  | Ms.R.Sugantha Lakshmi | 93          |
| 56.  |       | 821120104044 | SARVESH S        |                                    |                       | 92          |
| 57.  |       | 821120104047 | SIVA M           |                                    |                       | 94          |
| 58.  |       | 821120104054 | THIRUMURUGAN K   |                                    |                       | 94          |
| 59.  | XVII  | 821120104040 | RAJKUMAR K       | Job recruitment portal system      | Ms.S.Abikayil Aarthi  | 91          |
| 60.  |       | 821120104301 | RAJESH KANNAN C  |                                    |                       | 92          |
| 61.  |       | 821120104055 | THIRUMURUGAN S   |                                    |                       | 93          |
| 62.  |       | 821120104061 | VIJAY S          |                                    |                       | 92          |
| 63.  | XVIII | 821120104014 | DINESHKUMAR R    | Ticketless entry system            | Mr.M.Arun             | 91          |
| 64.  |       | 821120104030 | MUHILAN E        |                                    |                       | 95          |
| 65.  |       | 821120104037 | PRAKASH A        |                                    |                       | 94          |
| 66.  |       | 821120104019 | GUHAN D          |                                    |                       | 91          |

*P. N. C.*  
10/5/23  
**PROJECT COORDINATOR**

*S. S.*  
10/5/23  
**HOD/CSE**

*J. M.*  
10/5/2023  
**PRINCIPAL**

| Level of Achievement |                                                    |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                   |                                                                                                                                                                                               |
|----------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                                                    | Excellent (20)                                                                                                                                                                                                                                   | Good (15)                                                                                                                                                                                                                                                              | Average (10)                                                                                                                                                                                                                      | Poor (5)                                                                                                                                                                                      |
| 1                    | <b>Design Methodology</b>                          | <ul style="list-style-type: none"> <li>Division of problem into modules and good selection of system framework</li> <li>Appropriate design methodology and properly justification</li> </ul>                                                     | <ul style="list-style-type: none"> <li>Division of problem into modules and good selection of system framework</li> <li>Design methodology not properly justified</li> </ul>                                                                                           | <ul style="list-style-type: none"> <li>Division of problem into modules but inappropriate selection of system framework</li> <li>Design methodology not defined properly</li> </ul>                                               | <ul style="list-style-type: none"> <li>Modular approach not adopted</li> <li>Design methodology not defined</li> </ul>                                                                        |
| 2                    | <b>Implementation of Modules</b>                   | <ul style="list-style-type: none"> <li>Technical design specification and implementation is good and justified appropriately</li> <li>Implementation and Outcome attainment as per plan</li> </ul>                                               | <ul style="list-style-type: none"> <li>Technical design specification and implementation is good and justified appropriately</li> <li>Implementation and Outcome attainment is not made as per plan</li> </ul>                                                         | <ul style="list-style-type: none"> <li>Technical design specification and implementation is inappropriate and not justified</li> <li>Implementation and Outcome attainment is not made as per plan</li> </ul>                     | <ul style="list-style-type: none"> <li>Specification not clear</li> </ul>                                                                                                                     |
| 3                    | <b>Planning of Project Work and Team Structure</b> | <ul style="list-style-type: none"> <li>Time frame properly specified and being followed</li> <li>Appropriate distribution of project work</li> </ul>                                                                                             | <ul style="list-style-type: none"> <li>Time frame properly specified and being followed</li> <li>Distribution of project work inappropriate</li> </ul>                                                                                                                 | <ul style="list-style-type: none"> <li>Time frame properly specified, but not being followed</li> <li>Distribution of project work un-even</li> </ul>                                                                             | <ul style="list-style-type: none"> <li>Time frame not properly specified</li> <li>In-appropriate distribution of project work</li> </ul>                                                      |
| 4                    | <b>Demonstration and Presentation</b>              | <ul style="list-style-type: none"> <li>Objectives achieved as per time frame</li> <li>Contents of presentations are appropriate and well arranged</li> <li>Proper eye contact with audience and clear voice with good spoken language</li> </ul> | <ul style="list-style-type: none"> <li>Objectives achieved as per time frame</li> <li>Contents of presentations are appropriate but not well arranged</li> <li>Satisfactory demonstration, clear voice with good spoken language but eye contact not proper</li> </ul> | <ul style="list-style-type: none"> <li>Objectives achieved as per time frame</li> <li>Contents of presentations are appropriate but not well arranged</li> <li>Presentation not satisfactory and average demonstration</li> </ul> | <ul style="list-style-type: none"> <li>No objectives achieved</li> <li>Contents of presentations are not appropriate and not well delivered</li> <li>Poor delivery of presentation</li> </ul> |
| 5                    | <b>Publication of work at Conference / Journal</b> | <ul style="list-style-type: none"> <li>Presented work at International Conference / Reputed journal / Project contest / Awarded funding through external agencies</li> </ul>                                                                     | <ul style="list-style-type: none"> <li>Presented work at Symposium and work is suitably presented</li> </ul>                                                                                                                                                           | <ul style="list-style-type: none"> <li>Presented work is inappropriate.</li> </ul>                                                                                                                                                | <ul style="list-style-type: none"> <li>No presentation / publication efforts</li> </ul>                                                                                                       |



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2022-23 / EVEN SEMESTER**  
**2020-2024 Batch –MINI PROJECT**  
**THIRD REVIEW REPORT (24.05.23)**

| S.NO | BATCH | REG.NO       | STUDENT NAME     | PROPOSED PROJECT WORK TITLE                              | GUIDE NAME       | TOTAL (100) |
|------|-------|--------------|------------------|----------------------------------------------------------|------------------|-------------|
| 1.   | I     | 821120104001 | AASHA J          | Controlling screen time for children                     | Ms.S.Puvaneswari | 90          |
| 2.   |       | 821120104012 | DEEPIKA K        |                                                          |                  | 91          |
| 3.   |       | 821120104021 | JAYAVANI K       |                                                          |                  | 93          |
| 4.   | II    | 821120104003 | ARUNOTHAYA A C   | Developing virtual reality based solution in dressing    | Ms.P.Nalayini    | 96          |
| 5.   |       | 821120104005 | ATCHAYA R V      |                                                          |                  | 98          |
| 6.   |       | 821120104009 | BOOMIKA R        |                                                          |                  | 92          |
| 7.   |       | 821120104022 | JENO VINNARASI A |                                                          |                  | 93          |
| 8.   | III   | 821120104018 | GEETHA I         | E-commerce for an online shopping of website handicrafts | Ms.B.Bavithra    | 92          |
| 9.   |       | 821120104008 | BHAVATHARANI V   |                                                          |                  | 95          |
| 10.  |       | 821120104032 | NANDHINI S       |                                                          |                  | 94          |
| 11.  |       | 821120104048 | SNEGA S          |                                                          |                  | 98          |
| 12.  | IV    | 821120104017 | GAYATHRI M       | Digital payment solution                                 | Dr.S.M.Uma       | 91          |
| 13.  |       | 821120104051 | SNEKA P(19/6)    |                                                          |                  | 90          |
| 14.  |       | 821120104049 | SNEHA E          |                                                          |                  | 96          |
| 15.  |       | 821120104056 | VANATHI G        |                                                          |                  | 94          |
| 16.  | V     | 821120104023 | KARTHIKA M       | Car resale value prediction                              | Ms.N.Dhamayandhi | 91          |
| 17.  |       | 821120104038 | PRIYARANI.B      |                                                          |                  | 97          |
| 18.  |       | 821120104035 | NIVETHA S        |                                                          |                  | 92          |



| S.NO | BATCH | REG.NO       | STUDENT NAME   | PROPOSED PROJECT WORK TITLE                                                                                | GUIDE                 | TOTAL (100) |
|------|-------|--------------|----------------|------------------------------------------------------------------------------------------------------------|-----------------------|-------------|
| 19.  | VI    | 821120104024 | KAYALVIZHI K   | Timetable generator                                                                                        | Dr.S.M.Uma            | 95          |
| 20.  |       | 821120104027 | LAVANYA J      |                                                                                                            |                       | 92          |
| 21.  |       | 821120104028 | MAHALAKSHMI V  |                                                                                                            |                       | 93          |
| 22.  |       | 821120104050 | SNEHA P(23/5)  |                                                                                                            |                       | 91          |
| 23.  | VII   | 821120104025 | KEERTHIGA S    | An end-to-end Indian paper currency recognition for blind and visually impaired people using deep learning | Ms.P.Nalayini         | 90          |
| 24.  |       | 821120104036 | PARKAVI D      |                                                                                                            |                       | 92          |
| 25.  |       | 821120104059 | VASINYA M      |                                                                                                            |                       | 91          |
| 26.  |       | 821120104062 | VINTHIYA M     |                                                                                                            |                       | 95          |
| 27.  | VIII  | 821120104041 | REENA S        | User interface of queens college website using AI                                                          | Ms.S.Puvaneswari      | 92          |
| 28.  |       | 821120104046 | SATHYA R       |                                                                                                            |                       | 91          |
| 29.  |       | 821120104701 | SELVAPRIYA.A   |                                                                                                            |                       | 90          |
| 30.  | IX    | 821120104042 | SAFREENBANU S  | Event management                                                                                           | Ms.K.Abhirami         | 92          |
| 31.  |       | 821120104060 | VICHITHRA V    |                                                                                                            |                       | 91          |
| 32.  |       | 821120104063 | YOKESHWARI P   |                                                                                                            |                       | 91          |
| 33.  | X     | 821120104045 | SATHYA A       | Tourism recommendation system                                                                              | Ms.R.Sugantha Lakshmi | 93          |
| 34.  |       | 821120104053 | SURUTHIGA C    |                                                                                                            |                       | 91          |
| 35.  |       | 821120104057 | VARSHA N N     |                                                                                                            |                       | 91          |
| 36.  | XI    | 821120104002 | AJAY S         | Gym management system                                                                                      | Dr.S.M.Uma            | 90          |
| 37.  |       | 821120104011 | DEEPAN S       |                                                                                                            |                       | 91          |
| 38.  |       | 821120104015 | ELAMARAN S     |                                                                                                            |                       | 93          |
| 39.  |       | 821120104033 | NARESH KUMAR N |                                                                                                            |                       | 91          |
| 40.  | XII   | 821120104004 | ASHWIN V       | KCECOR college management system                                                                           | Mr.M.Arun             | 92          |
| 41.  |       | 821120104034 | NITHISH S      |                                                                                                            |                       | 95          |
| 42.  |       | 821120104302 | RISHI KUMAR R  |                                                                                                            |                       | 94          |
| 43.  |       | 821120104058 | VASANTH M      |                                                                                                            |                       | 96          |
| 44.  | XIII  | 821120104006 | BALAMURUGAN M  | Medicine recaller mobile app                                                                               | Ms.K.Abhirami         | 94          |
| 45.  |       | 821120104007 | BARATHRAJ R    |                                                                                                            |                       | 96          |
| 46.  |       | 821120104031 | MURUGARAJ M    |                                                                                                            |                       | 91          |

| S.NO |       | REG.NO       | STUDENT NAME     | PROPOSED PROJECT WORK TITLE               | GUIDE                 | TOTAL (100) |
|------|-------|--------------|------------------|-------------------------------------------|-----------------------|-------------|
| 47.  |       | 821120104043 | SANTHOSH KUMAR G |                                           |                       | 92          |
| 48.  | XIV   | 821120104010 | DEEPAK KUMAR D   | Face Recognition Attendance system        | Mr.M.Arun             | 94          |
| 49.  |       | 821120104026 | KRISHNAKUMAR G   |                                           |                       | 91          |
| 50.  |       | 821120104052 | SURIYAPRAKASH M  |                                           |                       | 92          |
| 51.  |       | 821120104013 | DINESH S         |                                           |                       | 93          |
| 52.  | XV    | 821120104016 | ESWAR S          | Automatic Number Plate Recognition System | Dr.Kannan             | 91          |
| 53.  |       | 821120104029 | MOHAMED SAMEER S |                                           |                       | 94          |
| 54.  |       | 821120104039 | RAGUL SANKAR J   |                                           |                       | 92          |
| 55.  |       | 821120104020 | HARISH B         |                                           |                       | 91          |
| 56.  | XVI   | 821120104044 | SARVESH S        | Employee management system                | Ms.R.Sugantha Lakshmi | 92          |
| 57.  |       | 821120104047 | SIVA M           |                                           |                       | 91          |
| 58.  |       | 821120104054 | THIRUMURUGAN K   |                                           |                       | 97          |
| 59.  |       | 821120104040 | RAJKUMAR K       |                                           |                       | 92          |
| 60.  | XVII  | 821120104301 | RAJESH KANNAN C  | Job recruitment portal system             | Ms.S.Abikayil Aarthi  | 91          |
| 61.  |       | 821120104055 | THIRUMURUGAN S   |                                           |                       | 92          |
| 62.  |       | 821120104061 | VIJAY S          |                                           |                       | 91          |
| 63.  |       | 821120104014 | DINESHKUMAR R    |                                           |                       | 95          |
| 64.  | XVIII | 821120104030 | MUHILAN E        | Ticketless entry system                   | Mr.M.Arun             | 95          |
| 65.  |       | 821120104037 | PRAKASH A        |                                           |                       | 92          |
| 66.  |       | 821120104019 | GUHAN D          |                                           |                       | 96          |

*P. N. S. 29/5/23*  
PROJECT COORDINATOR

*K. S. S. 29/5/23*  
HOD/CSE

*P. M. S. 29/5/2023*  
PRINCIPAL

| Level of Achievement |                                     |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                         |
|----------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                                     | Excellent                                                                                                                                                                                                                                              | Good                                                                                                                                                                                                                                                        | Average                                                                                                                                                                                                                                         | Poor                                                                                                                                                                                                    |
| 1                    | <b>Incorporation of Suggestions</b> | Changes are made as per modifications suggested during midterm evaluation and new innovations added. <b>(35)</b>                                                                                                                                       | Changes are made as per modifications suggested during midterm evaluation and good justification <b>(25)</b>                                                                                                                                                | Few changes are made as per modifications suggested during mid term evaluation <b>(15)</b>                                                                                                                                                      | Suggestions during midterm evaluation are not incorporated <b>(10)</b>                                                                                                                                  |
| 2                    | <b>Project Demonstration</b>        | <ul style="list-style-type: none"> <li>• All defined objectives are achieved</li> <li>• Each module working well and properly demonstrated</li> <li>• All modules of project are well integrated and system working is accurate <b>(35)</b></li> </ul> | <ul style="list-style-type: none"> <li>• All defined objectives are achieved</li> <li>• Each module working well and properly demonstrated</li> <li>• Integration of all modules not done and system working is not very satisfactory<b>(25)</b></li> </ul> | <ul style="list-style-type: none"> <li>• Some of the defined objectives are achieved</li> <li>• Modules are working well in isolation and properly demonstrated</li> <li>• Modules of project are not properly integrated<b>(15)</b></li> </ul> | <ul style="list-style-type: none"> <li>• Defined objectives are not achieved</li> <li>• Modules are not in proper working form that further leads to failure of integrated system<b>(10)</b></li> </ul> |
| 3                    | <b>Presentation</b>                 | <ul style="list-style-type: none"> <li>• Contents of presentations are appropriate and well delivered</li> <li>• Proper eye contact with audience and clear voice with good spoken language<b>(30)</b></li> </ul>                                      | <ul style="list-style-type: none"> <li>• Contents of presentations are appropriate and well delivered</li> <li>• Clear voice with good spoken language but less eye contact with audience <b>(20)</b></li> </ul>                                            | <ul style="list-style-type: none"> <li>• Contents of presentations are not appropriate</li> <li>• Eye contact with few people and unclear voice <b>(10)</b></li> </ul>                                                                          | <ul style="list-style-type: none"> <li>• Contents of presentations are not appropriate and not well delivered</li> <li>• Poor delivery of presentation<b>(10)</b></li> </ul>                            |





**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ACADEMIC YEAR 2022-23 / EVEN SEMESTER**

**2020-2024 Batch –MINI PROJECT EXPO**

**PRIZE WINNERS LIST**

| S.NO | Reg.No       | Student Name     | Topic Name                                                                                                 | Prize     |
|------|--------------|------------------|------------------------------------------------------------------------------------------------------------|-----------|
| 1.   | 821120104024 | KAYALVIZHI K     | Automatic Timetable generator                                                                              | I PRIZE   |
|      | 821120104027 | LAVANYA J        |                                                                                                            |           |
|      | 821120104028 | MAHALAKSHMI V    |                                                                                                            |           |
|      | 821120104050 | SNEHA P(23/5)    |                                                                                                            |           |
| 2.   | 821120104025 | KEERTHIGA S      | An end-to-end Indian paper currency recognition for blind and visually impaired people using deep learning | II PRIZE  |
|      | 821120104036 | PARKAVI D        |                                                                                                            |           |
|      | 821120104059 | VASINYA M        |                                                                                                            |           |
|      | 821120104062 | VINTHIYA M       |                                                                                                            |           |
| 3.   | 821120104013 | DINESH S         | Automatic Number Plate Recognition System                                                                  | III PRIZE |
|      | 821120104016 | ESWAR S          |                                                                                                            |           |
|      | 821120104029 | MOHAMED SAMEER S |                                                                                                            |           |
|      | 821120104039 | RAGUL SANKAR J   |                                                                                                            |           |

*P. N. S.*  
29/5/23

**PROJECT COORDINATOR**

*V. S. S.*  
29/5/23

**HOD/CSE (i/c)**

*V. S. S.*  
29/5/2023

**PRINCIPAL**



**KINGS**  
COLLEGE OF ENGINEERING  
Affiliated to Anna University, Chennai.



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MINI PROJECT EXPO -2023**

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms LAVANYA J of III-CSE has won I prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayini**  
Staff Co-ordinator

**Dr.K.Abhirami**  
Convenor

**Dr.J.Arputha Vijaya Selvi**  
Principal



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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MINI PROJECT EXPO -2023**

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms MAHALAKSHMI V of III-CSE has won I prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

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Staff Co-ordinator

**Dr.K.Abhirami**  
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**Dr.J.Arputha Vijaya Selvi**  
Principal



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**MINI PROJECT EXPO -2023**

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This is to certify that Mr/Ms SNEHA P of III-CSE has won I prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayani**  
**Staff Co-ordinator**

**Dr.K.Abhirami**  
**Convenor**

**Dr.J.Arputha Vijaya Selvi**  
**Principal**



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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MINI PROJECT EXPO -2023**

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms KEERTHIGA S of III-CSE has won II prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayani**  
**Staff Co-ordinator**

**Dr.K.Abhirami**  
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**Dr.J.Arputha Vijaya Selvi**  
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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MINI PROJECT EXPO -2023**

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms PARKAVI D of III-CSE has won II prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayini**  
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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MINI PROJECT EXPO -2023**

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms VASINYA M of III-CSE has won II prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayini**  
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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

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This is to certify that Mr/Ms VINTHIYA M of III-CSE has won II prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayini**  
**Staff Co-ordinator**

**Dr.K.Abhirami**  
**Convenor**

**Dr.J.Arputha Vijaya Selvi**  
**Principal**



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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MINI PROJECT EXPO -2023**

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms DINESH S of III-CSE has won III prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayini**  
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**Dr.K.Abhirami**  
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**Dr.J.Arputha Vijaya Selvi**  
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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MINI PROJECT EXPO -2023**

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms ESWAR S of III-CSE has won III prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayani**  
**Staff Co-ordinator**

**Dr.K.Abhirami**  
**Convenor**

**Dr.J.Arputha Vijaya Selvi**  
**Principal**



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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MINI PROJECT EXPO -2023**

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr/Ms MOHAMED SAMEER S of III-CSE has won III prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayani**  
**Staff Co-ordinator**

**Dr.K.Abhirami**  
**Convenor**

**Dr.J.Arputha Vijaya Selvi**  
**Principal**





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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

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This is to certify that Mr/Ms RAGUL SANKAR J of III-CSE has won III prize in **MINI PROJECT EXPO** organized by the Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 23.05.2023.

**Ms.P.Nalayani**  
**Staff Co-ordinator**

**Dr.K.Abhirami**  
**Convenor**

**Dr.J.Arputha Vijaya Selvi**  
**Principal**



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Approved by AICTE, New Delhi.  
Affiliated to Anna University, Chennai.



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**ACADEMIC YEAR 2022-2023**

**EE8611 MINI PROJECT WORK**

| BATCH       | REGISTER NUMBER | NAME OF THE STUDENT | TITLE OF THE PROJECT                                        | NAME OF THE GUIDE           |
|-------------|-----------------|---------------------|-------------------------------------------------------------|-----------------------------|
| <b>I</b>    | 821120105007    | Elanangai G         | IoT based Gas Level Monitoring System                       | Ms.P.Thirumagal, AP/EEE     |
|             | 821120105001    | Abinayasree J       |                                                             |                             |
|             | 821120105018    | Priyadharshini P    |                                                             |                             |
|             | 821120105011    | Kanimozhi R         |                                                             |                             |
| <b>II</b>   | 821120105027    | Sneha P             | IoT based Solar Pannel Monitoring and Control System        | Mrs.A.Prabha, AP/EEE        |
|             | 821120105025    | Semili K            |                                                             |                             |
|             | 821120105019    | Priyadharshini S    |                                                             |                             |
|             | 821120105006    | Dhanasree R         |                                                             |                             |
| <b>III</b>  | 821120105023    | Salman Hussain Z    | Solar Source Inverter                                       | Mr.J.Arokiaraj, AP/EEE      |
|             | 821120105010    | Jenish A            |                                                             |                             |
|             | 821120105002    | Abishek S           |                                                             |                             |
|             | 821120105307    | Velmurugan K        |                                                             |                             |
| <b>IV</b>   | 821120105029    | Sowmiya L           | IoT based DC Motor Speed Control                            | Mr.S.R.Karthikeyan, AP/EEE  |
|             | 821120105032    | Viji J              |                                                             |                             |
|             | 821120105026    | Sivaranjani D       |                                                             |                             |
|             | 821120105028    | Sowmiya K           |                                                             |                             |
| <b>V</b>    | 821120105024    | Sathish S           | Solar Tracking System using Arduino                         | Dr.S.Sivakumar, PROF./EEE   |
|             | 821120105020    | Radhakrishnan R     |                                                             |                             |
|             | 821120105037    | Yogaraj P           |                                                             |                             |
|             | 821120105016    | Mukesh V            |                                                             |                             |
| <b>VI</b>   | 821120105022    | Rohith R            | Password based Circuit Breaker                              | Mr.J.Arokiaraj, AP/EEE      |
|             | 821120105035    | Visalan M           |                                                             |                             |
|             | 821120105302    | Kabilan A           |                                                             |                             |
|             | 821120105033    | Vikash M            |                                                             |                             |
|             | 821120105036    | Vishwa D            |                                                             |                             |
| <b>VII</b>  | 821120105004    | Akilan D            | Home Automation using IoT                                   | Mr.R.Sundaramoorthi, AP/EEE |
|             | 821120105015    | Mukesh M            |                                                             |                             |
|             | 821120105303    | Mani Bharathi S     |                                                             |                             |
|             | 821120105014    | Mukesh K            |                                                             |                             |
| <b>VIII</b> | 821120105301    | Ajithkumar R        | Obstacle Avoiding Robot using Arduino and Ultrasonic Sensor | Dr.P.Narasimman, AP/EEE     |
|             | 821120105021    | Ramachandran P      |                                                             |                             |
|             | 821120105017    | Prabath C L         |                                                             |                             |
|             | 821120105304    | Praveen Kumar C     |                                                             |                             |

|           |              |                    |                                             |                                               |
|-----------|--------------|--------------------|---------------------------------------------|-----------------------------------------------|
| <b>IX</b> | 821120105008 | Gushenra Prasath P | EV Battery Protection and Monitoring System | Dr. A. Albert Martin Ruban,<br>ASSO. PROF/EEE |
|           | 821120105012 | Manoj M            |                                             |                                               |
|           | 821120105030 | Sudharsan S        |                                             |                                               |
|           | 821120105306 | Sivamurugan G      |                                             |                                               |
| <b>X</b>  | 821120105031 | Vijayaragavan R    | Arduino based Toll Gate System              | Ms.P.Thirumagal, AP/EEE                       |
|           | 821120105005 | Aravindh A         |                                             |                                               |
|           | 821120105013 | Manoj R            |                                             |                                               |
|           | 821120105003 | Akash M            |                                             |                                               |

  
HOD/EEE 26/5/23

Dr.A.ALBERT MARTIN RUBAN,ME.,Ph.D.,  
Head of the Department  
Department of Electrical and Electronics Engineering  
Kings College of Engineering  
Punalkulam  
Pudukkottai-613303



**BONAFIDE CERTIFICATE**

Certified that this project report " IOT BASED GAS LEVEL MONITOR SYSTEM" is the bonafide work of " J.ABINAYASREE , G.ELANANGAI , R.KANIMOZHI , P.PRIYADHARSHINI " who carried out the project work under my support.

  
**SIGNATURE**

Dr.A.Albert Martin Ruban.M.E., Ph.D.,

**HEAD OF THE DEPARTMENT**

Department of EEE,

Kings College of Engineering,

Punalkulam.

  
**SIGNATURE**

Mrs.P.Thirumagal.M.E.,

**SUPERVISOR**

Assistant Professor,

Department of EEE,

Kings College of Engineering,

Punalkulam.

Submitted for the University Viva Voce held on 30-05-23

  
**INTERNALEXAMINER**

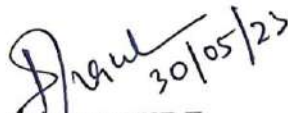
  
**EXTERNALEXAMINER**

# ANNA UNIVERSITY: CHENNAI - 620 025

## BONAFIDE CERTIFICATE

Certified that this project report "IOT BASED SOLAR POWER MONITORING AND CONTROL SYSTEM" is the bonafide work of "SNEHA.P,SEMILI.K,PRIYADHARSHINI.S,DHANASREE.R" who carried out the project work under my supervision.

  
SIGNATURE 30/5/23

  
SIGNATURE 30/05/23

Dr.A.Albert Martin Ruban.M.E., Ph.D ., Mrs.A.Prabha.M.Tech.,(Ph.D).,

**HEAD OF THE DEPARTMENT**

**SUPERVISOR**

Department of EEE,

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Submitted for the University Viva Voce held on 30.05.2023

  
INTERNALEXAMINER 30/5/23

  
EXTERNALEXAMINER 30/05/2023

**ANNA UNIVERSITY :: CHENNAI – 620 025**

**MAY 2023**

**ANNA UNIVERSITY :: CHENNAI – 620 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “**SOLAR SOURCE INVERTER**” is the  
Bonafide work of “**ABISHEK.S, JENISH.A, SALMAN HUSSAIN.Z,**  
**VELMURUGAN.K**” who carried out the project work under my supervision.

  
**SIGNATURE** 30/5/23

**Dr.A.Albert Martin Ruban.M.E.,Ph.D.,**  
**HEAD OF THE DEPARTMENT**  
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Punalkulam.

**Submitted for the University Viva Voce held on** 30.05.2023

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**



## BONAFIDE CERTIFICATE

Certified that this mini project report "IOT BASED DC MOTOR SPEED CONTROL " is the bonafide work of " SIVARANJANI.D, SOWMIYA.K, SOWMIYA.L, VIJI.J " who carried out the project work under my supervision.

  
SIGNATURE 30/5/23

Dr.A.Albert Martin Ruban.M.E.,ph.D.,

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Department of EEE,

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Submitted for the University Viva Voce held on 30/5/23

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER 30/5/23

ANNA UNIVERSITY CHENNAI -620025

## BONAFIDE CERTIFICATE

Certified that this project report "SUN LIGHT TRACKING SYSTEM USING ARDUINO" is the bonafide work of "R.RADHAKRISHNAN, S.SATHISH,V.MUKESH ,P.YOGARAJ" who carried out the project work under my supervision.

  
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Dr.A.ALBERT MARTIN RUBAN.M.E.,Ph.D.,

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Dr.S.SIVAKUMAR.M.Tech.,Ph.D

SUPERVISOR

Department of EEE,

Kings college of Engineering,

Punalkulam.

Submitted for the University Viva Voce held on 30/05/2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**ANNA UNIVERSITY :: CHENNAI - 620 025**

**BONAFIDE CERTIFICATE**

Certified that this project report "**PASSWORD BASED CIRCUIT BREAKERS**" is the bonafide work of "**D.Vishwa, M.Visalan, M.Vikash, R.Rohith, A.Kabilan**" who carried out the project work under my supervision.

  
30/5/23

SIGNATURE

**Dr.A.Albert Martin Ruban. M.E., Ph.D.,**  
HEAD OF THE DEPARTMENT  
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Kings College of Engineering  
Punalkulam

  
30/5/23

SIGNATURE

**Mr.J. Arokiaraj M.E.,**  
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Department of EEE  
Kings College of Engineering  
Punalkulam

Submitted for the University Viva Voce held on 30.05.23 / PM.

  
30/5/23

INTERNAL EXAMINER

  
30/05/2023

EXTERNAL EXAMINER



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SIGNATURE 29/5/23

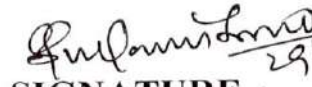
Dr.A.Albert Martin Ruban.M.E., Ph.D.,

**HEAD OF THE DEPARTMENT**

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SIGNATURE 29/5/2023

Mr.R.Sundaramoorthi.M.E.,(Ph.D).,

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Assistant Professor,

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Punalkulam.

Submitted for the University Viva Voce held on 30/05/23

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER 30/05/2023

**DEPARTMENT OF  
MECHANICAL  
ENGINEERING**



DEPARTMENT OF MECHANICAL ENGINEERING  
IV MECH A BATCH NAME LIST 2022-2023 (EVEN)  
ME8682 DESIGN & FABRICATION PROJECT

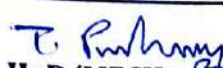
| BATCH NO   | REG NO       | NAME OF THE STUDENT | Guide               |
|------------|--------------|---------------------|---------------------|
| BATCH I    | 821120114004 | ANBARASAN V         | Dr. T. Pushparaj    |
|            | 821120114003 | AKASH M             |                     |
|            | 821120114001 | AADHIKARUNESAN M    |                     |
|            | 821120114007 | ARUNKUMAR P         |                     |
|            | 821120114005 | ARUN E              |                     |
| BATCH II   | 821120114013 | DURAIRAJ V          | Mr. D. Balaji       |
|            | 821120114009 | BACKIYARAI S        |                     |
|            | 821120114012 | DHIVAKAR K          |                     |
|            | 821120114014 | ERANIYAN K          |                     |
| BATCH III  | 821120114006 | ARUNKUMAR M         | Dr.R.Shankar        |
|            | 821120114015 | GNANASEKARAN S      |                     |
|            | 821120114016 | HARIHARAN K         |                     |
|            | 821120114017 | HARI PRASATH R      |                     |
| BATCH IV   | 821120114008 | ARUNKUMAR S         | Mr. S. Desikan      |
|            | 821120114029 | MANOJ KUMAR R       |                     |
|            | 821120114315 | MADHESHWARAN K      |                     |
|            | 821120114018 | HEMANATHAN E        |                     |
| BATCH V    | 821120114010 | BHARANI S           | Mr. V. Aravind      |
|            | 821120114325 | SANTHOSH KUMAR P    |                     |
|            | 821120114025 | KEERTHIVASAN K      |                     |
|            | 821120114318 | PRAKASH K           |                     |
| BATCH VI   | 821120114023 | JEGAN K             | Mr. S. Sabanayagam  |
|            | 821120114026 | LALITHKUMAR E       |                     |
|            | 821120114317 | MAHENDRAN M         |                     |
|            | 821120114321 | RAMPRASAD K         |                     |
| BATCH VII  | 821120114316 | MADHU MITHIRAN S    | Mr. M. Vivekanathan |
|            | 821120114020 | JAYASRIRAM V        |                     |
|            | 821120114319 | PRAVEENKUMAR R      |                     |
|            | 821120114322 | SAKTHI GANESH G S   |                     |
| BATCH VIII | 821120114323 | SANJAY N            | Mr. S. Balaganesh   |
|            | 821120114021 | JAYASURYA K         |                     |
|            | 821120114327 | SURYABALA N         |                     |
|            | 821120114324 | SANTHOSH R          |                     |
| BATCH IX   | 821120114320 | RAKESH A            | Mr. R. Rajadurai    |
|            | 821120114027 | MANIBHARATH I V     |                     |
|            | 821120114702 | SAKTHIVEL B         |                     |
|            | 821120114326 | SATHISHKUMAR V      |                     |
| BATCH X    | 821120114022 | JAYSIRIRAJAN A      | Mr. R. Rajadurai    |
|            | 821120114327 | SUBAKARAN K         |                     |



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**III MECHANICAL B NAME LIST 2022-2023 (EVEN)**  
**ME8682 Design and Fabrication Project**

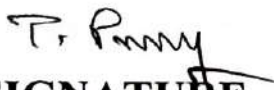
| S. No | Reg. No      | Name of the Student    | Batch | Guide                 |
|-------|--------------|------------------------|-------|-----------------------|
| 1     | 821120114030 | Maran R                | I     | Dr.T.Pushparaj        |
| 2     | 821120114031 | Misfar M               |       |                       |
| 3     | 821120114032 | Mohamed Arsath A       |       |                       |
| 4     | 821120114033 | Mohamed Rilwan H       |       |                       |
| 5     | 821120114034 | Praveenkumar M         | II    | Dr.P.P.Santharaman    |
| 6     | 821120114035 | Pravin M               |       |                       |
| 7     | 821120114036 | Rajesh N               |       |                       |
| 8     | 821120114037 | Ramprasath R           |       |                       |
| 9     | 821120114038 | Sakthivel E            | III   | Dr.R.Shankar          |
| 10    | 821120114039 | Samikkannan M          |       |                       |
| 11    | 821120114040 | Santhosh R             |       |                       |
| 12    | 821120114041 | Santhoshkumar C        |       |                       |
| 13    | 821120114042 | Saravanan A            | IV    | Mr.H.Agilan           |
| 14    | 821120114043 | Selvamani K            |       |                       |
| 15    | 821120114044 | Shanmugabharathi S     |       |                       |
| 16    | 821120114045 | Srikumar S             |       |                       |
| 17    | 821120114049 | Vasanth M              | VI    | Mr.M.Melwin.J.Sridhar |
| 18    | 821120114050 | Veeramageswaran R      |       |                       |
| 19    | 821120114051 | Vikram S               |       |                       |
| 20    | 821120114052 | Vimalraj P             |       |                       |
| 21    | 821120114046 | Subash P               | V     | Mr.N.Magesh           |
| 22    | 821120114047 | Sulthan abdul kadher R |       |                       |
| 23    | 821120114048 | Thangapandiyan S       |       |                       |
| 24    | 821120114053 | Vivek A                |       |                       |
| 25    | 821120114054 | Vivek K                | VII   | Mr.S.Sabanayagam      |
| 26    | 821120114301 | Abinesh V              |       |                       |
| 27    | 821120114302 | Abishkar SV            |       |                       |
| 28    | 821120114304 | Aravinthakumar T       |       |                       |
| 29    | 821120114305 | Balaji S               | VIII  | Mr.M.Sakthivel        |
| 30    | 821120114306 | Harish ragavendra M    |       |                       |
| 31    | 821120114307 | Jahanraj J             |       |                       |
| 32    | 821120114308 | Kabil V                |       |                       |
| 33    | 821120114309 | Kabilan G              | IX    | Mr.S.Desikan          |
| 34    | 821120114310 | Kabilan M              |       |                       |
| 35    | 821120114311 | Keerthivasan R         |       |                       |
| 36    | 821120114312 | Kishorekumar R         |       |                       |
| 37    | 821120114313 | Kishore kumar V        | X     | Mr.S.Nelsonraja       |
| 38    | 821120114314 | Lenin kumar S          |       |                       |
| 39    | 821120114701 | Devaprasanth. N        |       |                       |

  
 Project Coordinator 8/2/23

  
 HoD/MECH 8/2/23

## BONAFIDE CERTIFICATE

Certified that this project " **DESIGN AND FABRICATION OF  
ANGLE PLATE JIG**" is the bonafide work of  
"S. ARUNKUMAR(821120114008),R. HARI PRASATH  
(821120114017),R. MANOJKUMAR(821120114029),,  
K. MADHESHWARAN(821120114315)"  
who carried out the Project work under my supervision

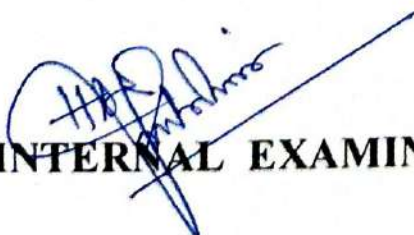
  
**SIGNATURE**

**Dr.T.PUSHPARAJ,M.E,Ph.D.,**  
Head of the Department,  
Department of Mechanical Engg,  
Kings College of Engineering,  
Pudukkottai-613 303.

  
**SIGNATURE**

**Mr.S. DESIKAN,M.E,(Ph.D).,**  
Supervisor,Assistant professor,  
Department of Mechanical Engg,  
Kings College of Engineering,  
Pudukkottai-613 303.

Submitted for the ANNA UNIVERSITY examination held on 29.5.2023

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**



## BONAFIDE CERTIFICATE

Certified that this project "DESIGN AND FABRICATION OF CONVEYOR FOR QUALITY CONTROL" is the bonafide work of "S.BHARANI-(821120114010), E.HEMANATHAN-(821120114018), K.KEERTHIVASAN-(821120114025), P.SANTHOSH KUMAR-(821120114325) "who carried out the Project work under my supervision.

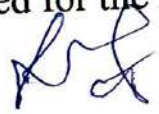
  
SIGNATURE

**Dr.T.PUSHPARAJ,M.E,Ph.D.,**  
Head of the Department,  
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SIGNATURE

**Mr.V.ARAVIND,M.E.,(Ph.D.),**  
Supervisor, Assistant professor,  
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Pudukkottai-613 303.

Submitted for the ANNA UNIVERSITY examination held on 29.05.23

  
INTERNALE EXAMINER

  
EXTERNALEXAMINER



## BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN AND FABRICATION OF SHOCK ABSORBER POWER GENERATION**” is the bonafide **A. SARAVANAN (821120114042), K. SELVAMANI (821120114043), S. SHANMUGABHARATHI (821120114044), S. SRIKUMAR (821120114045)** work of Who carried out the project work under my supervision.

  
SIGNATURE

**Dr. T. PUSHPARAJ, M.E., Ph.D.,**  
Head of the Department  
Department of Mechanical Engineering  
Kings College of Engineering  
Pudukottai – 613 303.

  
SIGNATURE

**Mr. H. AGILAN, M.E.,**  
Assistant Professor,  
Department of Mechanical Engineering  
Kings College of Engineering  
Pudukottai – 613 303

Submitted for the Anna University examination held on 30.5.2023

  
Internal Examiner

  
External Examiner

## BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND FABRICATION OF QUICK LIFTING BEVEL GEAR" is the bonafide work of " SAKTHIVEL.E (821120114038),SAMIKKANNAN.M(821120114039),SANTHOSH.R(821120114040),SANTHOSHKUMAR.C (821120114041)"Who carried out the project work under my supervision.

  
SIGNATURE

Dr.T. PUSHPARAJ, M.E., Ph.D.,  
Professor

HEAD OF THE DEPARTMENT

Department of Mechanical Engineering  
Kings College of Engineering  
Pudukkottai-613303

  
SIGNATURE

Dr. R Shankar, ME.,  
Assistant Professor

SUPERVISOR

Department of Mechanical Eng  
Kings College of Engineering  
Pudukkottai-613303

Submitted for the ANNA UNIVERSITY examination held on 30/05/2023

  
Internal Examiner

  
External Examiner



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2022 - 2023 (ODD)

CLASS/ SEM: III CIVIL / VI SEMESTER

NAME OF THE COURSE: CE8513 - SURVEY CAMP

TOTAL STRENGTH: 20

| S.NO | REGISTER NUMBER | STUDENT NAME     | SIGNATURE         |
|------|-----------------|------------------|-------------------|
| 1    | 821120103001    | BHARATH G        | G. Bharath        |
| 2    | 821120103002    | DHARUN KUMAR K   | K. Dhary          |
| 3    | 821120103003    | HARIHARAN B      | B. Hariharan      |
| 4    | 821120103004    | JAILAKSHMAN S    | S. Jailakshman    |
| 5    | 821120103005    | JENOVA JASMINE N | N. Jenova Jasmine |
| 6    | 821120103006    | KATHIRESWARI P   | P. Kathireswari   |
| 7    | 821120103007    | KIRUTHIKASRI J   | J. Kiruthikasri   |
| 8    | 821120103008    | MAHARISH H       | H. Maharish       |
| 9    | 821120103009    | MOHAMED FAISAL B | B. Mohamed Faisal |
| 10   | 821120103010    | NIKESHA J        | J. Nikesha        |
| 11   | 821120103013    | SNEHA S          | S. Sneha          |
| 12   | 821120103014    | SRIRAM M C       | M. C. Sriram      |
| 13   | 821120103015    | VISHNU R         | R. Vishnu         |
| 14   | 821120103301    | AKARAMUTHALVAN D | D. Akaramuthalvan |
| 15   | 821120103302    | ATHITHIYAN E     | E. Athithiyar     |
| 16   | 821120103303    | DULASIRAM S      | S. Dulasiram      |
| 17   | 821120103305    | HARI HARAN U     | U. Hariharan      |
| 18   | 821120103306    | JOSHUA M         | M. Joshua         |
| 19   | 821120103307    | KRISHNA KANTH N  | N. Krishna Kanth  |
| 20   | 821120103308    | MADHAVAN S       | S. Madhavan       |

R. [Signature]  
STAFF INCHARGE 25/07/2022

[Signature] S. Swarnam  
HOD/CIVIL 25/07/2022



**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2022 - 2023 (ODD)**  
**SURVEY CAMP REPORT**

Students of III year Civil Engineering department are to go for survey camp as per the Anna University Regulation 2017 curriculum. Students (Total strength:20) undergo survey camp from 25.07.2022 to 02.08.2022 (1 Week) at Sirumalai, Dindugal.

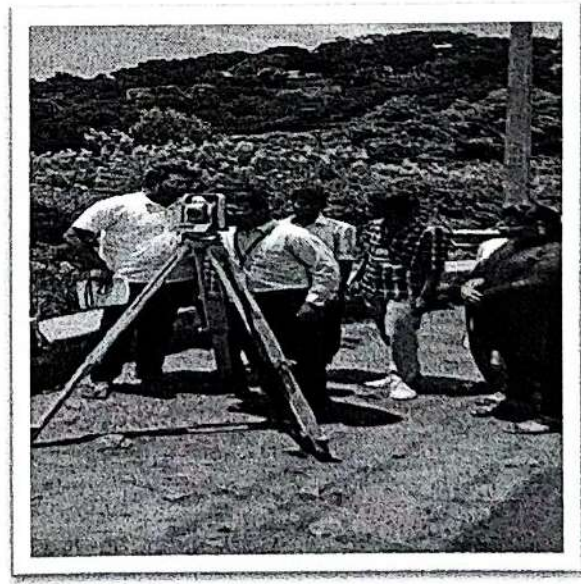
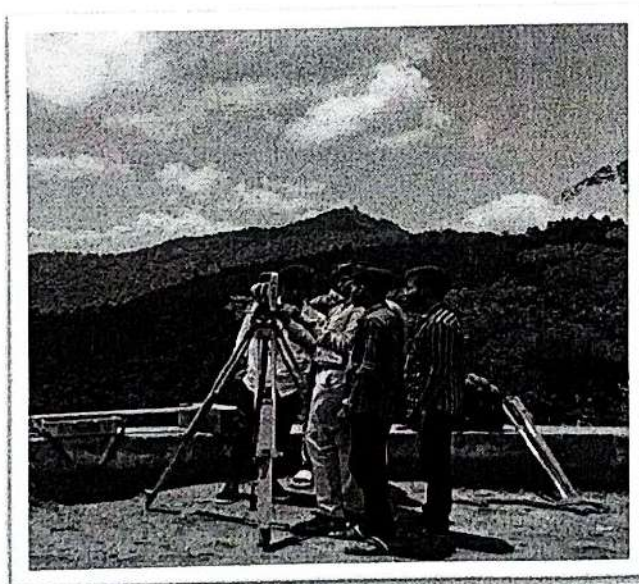
**COURSE OBJECTIVE**

- The objective of the survey camp is to enable the students to get practical training in the field work.
- Groups of not more than six members in a group will carry out each exercise in survey camp.
- The camp must involve work on a large area of not less than 40 acres outside the campus (Survey camp should not be conducted inside the campus).
- At the end of the camp, each student shall have mapped and contoured the area.
- The camp record shall include all original field observations, calculations and plots

**SURVEY SESSIONS**

**The following are the topics covered during Survey camp,**

- Traverse – using Theodolite / Total station
- Contouring
  - Radial tachometric contouring – Radial Line at Every 45 Degree and Length not less than 60 Meter on each Radial Line
  - Block Level/ By squares of size at least 100 meter x 100 meter atleast 20 meter interval
  - L.S & C.S – Road and canal alignment for a Length of not less than 1 Kilometer atleast L.S at Every 30M and C.S at every 90 M
- Offset of Buildings and Plotting the Location
- Sun observation to determine azimuth (guidelines to be given to the students)
- Use of GPS to determine latitude and longitude and locate the survey camp location
- Traversing using GPS
- Curve setting by deflection angle



*L.S & C.S- Road alignment*

**COURSE OUTCOME**

At the end of survey camp, students could be able to

- Handle the modern surveying instruments like Total station and GPS.
- Apply modern surveying techniques in field to establish horizontal control.
- Understand the surveying techniques in field to establish vertical control
- Apply different survey adjustment techniques.
- Carry out different setting out works in the field.

**STAFF INCHARGE**

*(Signature)*  
HOD/CIVIL