



NEWSLETTER



S.A.Engineering College



FEBRUARY - JUNE 2024

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2001 and got permanent affiliation with Anna University in 2013. The Post Graduate Programme M.E.Embedded System Technologies (EST) was established in the year 2006. The department has dedicated and well expertised Faculty members. The faculty members publish papers periodically in reputed journals indexed by WOS, SCI and Scopus. The curriculum and syllabus is updated periodically as per the recommendation of board of studies to ensure enriched knowledge in recent trends.

The Department has well equipped laboratories viz. Electrical Machines Lab, Engineering Practices Lab, Control and Instrumentation Lab, Power Electronics Lab, Electron Devices and Circuits Lab, Linear and Digital Integrated circuits lab, Renewable Energy Systems Lab, R&D Lab. They are upgraded from time to time to provide adequate opportunities for students to learn and innovate.

Our Department promotes the professional skills of students through societies like Indian Society for Technical Education (ISTE) and Institute of Electrical and Electronics Engineers (IEEE). Career guidance Programme and entrepreneurship awareness Programme are also carried out through the association of EEE.

Academic Counsellors

Dr.G.ROHINI
Professor & HEAD
Head of the Department

Dr.S.SENDIL KUMAR
PROFESSOR

Dr.S.KAMALAKKANNAN
PROFESSOR





VISION:

Conferring excellent technical education with greater emphasis on quality systems, moulding persons for the National Development.

MISSION:

To enhance quality education by providing state-of-art infrastructure with committed faculty.
To provide prerequisite skills for the needs of higher education, industries and research establishments.

To handle socio economic challenges of society by instilling human values and ethical responsibilities.

PROGRAM EDUCATIONAL OBJECTIVES:

Bachelor of Electrical and Electronics Engineering curriculum is designed to prepare the graduates having attitude and knowledge

To demonstrate enhanced competence for successful career in the core and allied fields of Electrical & Electronics Engineering.

To explore challenges in higher education and research with a multidisciplinary perspective and effective communication for lifelong learning.

To inculcate entrepreneurial skills, upholding professional ethics, cultural aspects, societal and environmental factors for sustainable development.

To adapt evolving technologies and stay contemporary to cultivate leadership quality through effective collaboration.

PROGRAM SPECIFIC OUTCOMES

Students will be able to:

Utilize coherent theoretical and practical methodologies to design and implement Electrical and Electronics systems.

Assimilate facts of basic Electronics to Power Electronics and recent embedded technologies for governing, consistent and workable Electrical and Electronics Systems.

Apply computing platform and developing software for power grids and hybridizing the new renewable energy to overcome the power demand.

Guest Lecture



Guest Lecture on Start Up Awareness was organized by EEE department in association with IEEE SB on **09.02.24** for 3rd and 4th Year Students of **EEE department**. **Mr., P. Hemanth Kumar**, Assistant Operations Manager, Autometer Railway Alliance Limited, Delhi delivered expert lecture to faculty members of EEE and students of EEE department with real time examples on Start Up. Totally 87 students of EEE department participated in the event. Faculty members from EEE department coordinated the entire event.

Workshop



Department of EEE & IEE SB organized a workshop on Thinking Inside the Bigger Box. Guest Lecture was **delivered on 13.02.24** by **Dr. Chockalingam Aravind Vaithilingam**, Associate Professor, School of Engineering, Faculty of Innovation & Technology, Taylor's University, Malaysia. He discussed about the latest trends in Design Thinking, Critical Thinking and Innovation Design. 87 students of EEE department and faculty members of **EEE department** attend the Workshop

Industrial Visit



IEEE SB in association with Department of EEE organized **Industrial visit** on **12.02.24 & 13.02.24**. High Voltage testing and its automation were discussed by the IEEE SB students with IIT technical Persons. Totally 87 students of **EEE department** participated in the event. Faculty members from EEE department coordinated the entire event.

Poster Presentation



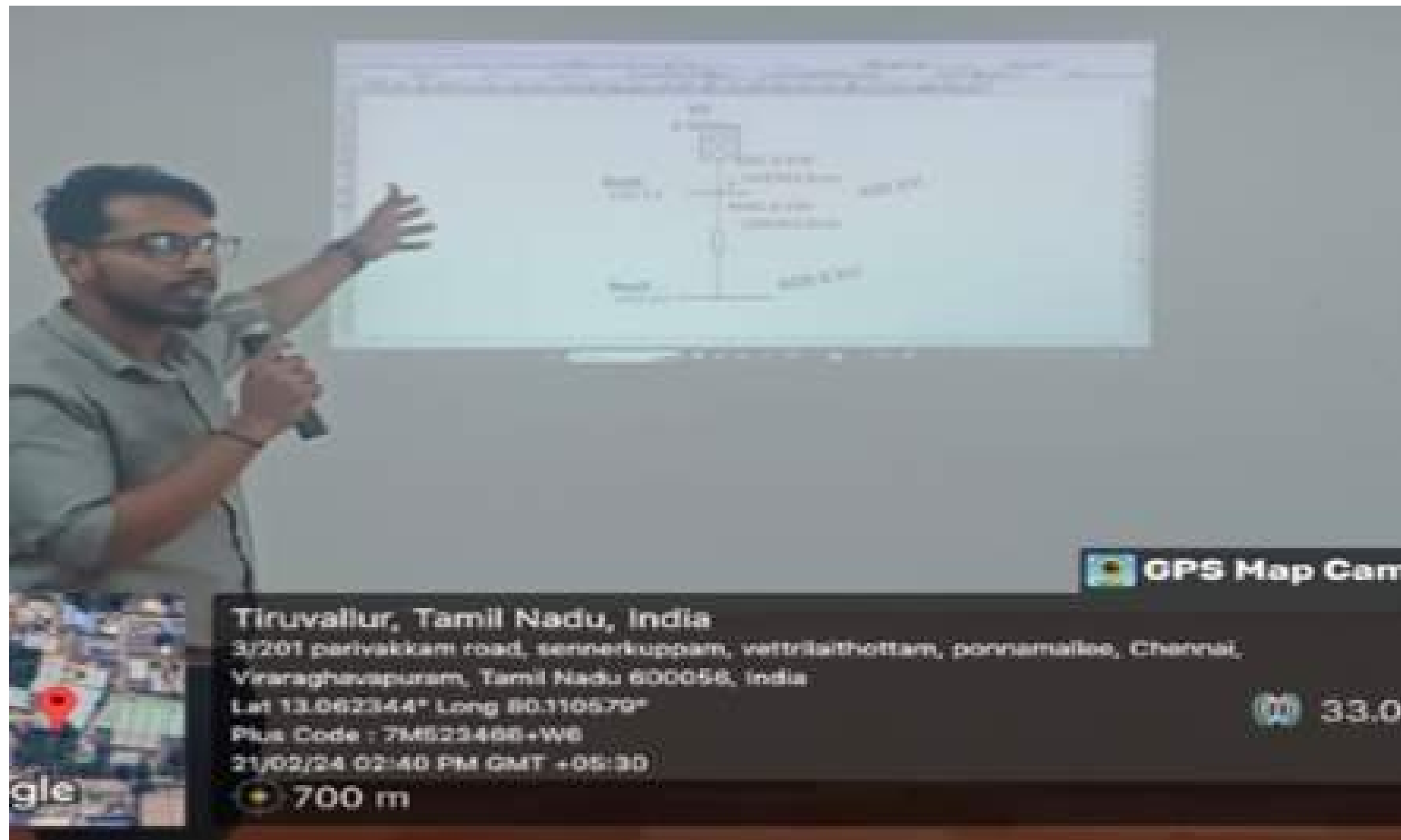
Our **EEE Department** students of 3rd Year have attended the 2 days session on **LEADERSHIP THROUGH ENTREPRENEURSHIP** by **ANTONY FIRMIN ALEXANDER** (Training Consultant, MSME) where the student gained the insights on entrepreneurship and the ways of managing a business venture with the aim of achieving financial success by fulfilling personal and professional goals.

Guest Lecture



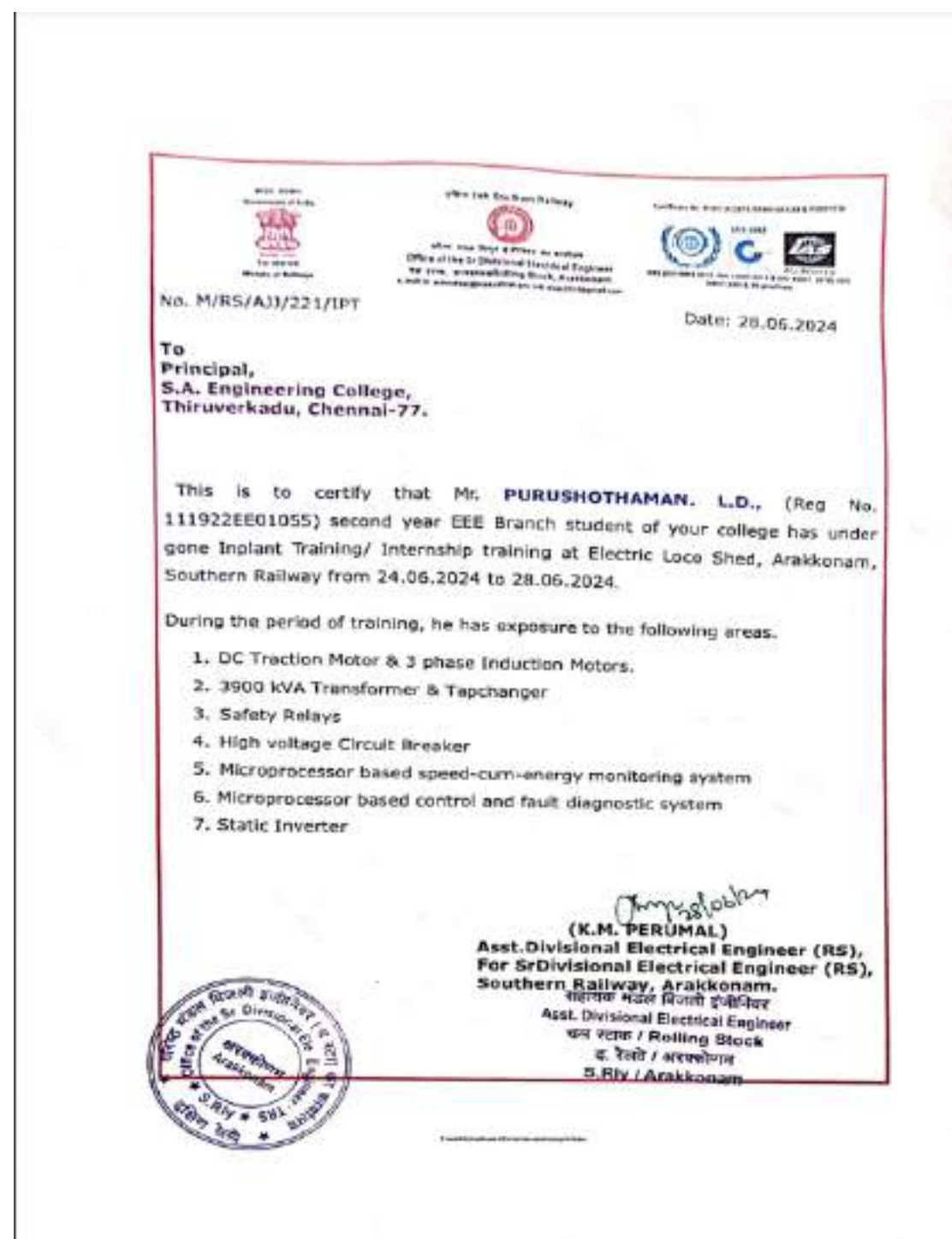
IEEE SB in association with Department of EEE organized **Industrial visit on 13.02.24 & 14.02.24**. Circuit Breakers, relays, Current Transformers, Potential Transformers and its automation (coordination) were discussed by the IEEE SB students with Industrial Person. Mr. Madhan, Assistant Engineer, **TANTRANSCO** explained and delivered the expert talk about the substation and its importance. Totally 83 students of EEE department participated in the event. Faculty members from **EEE department** coordinated the entire event

Industrial Visit



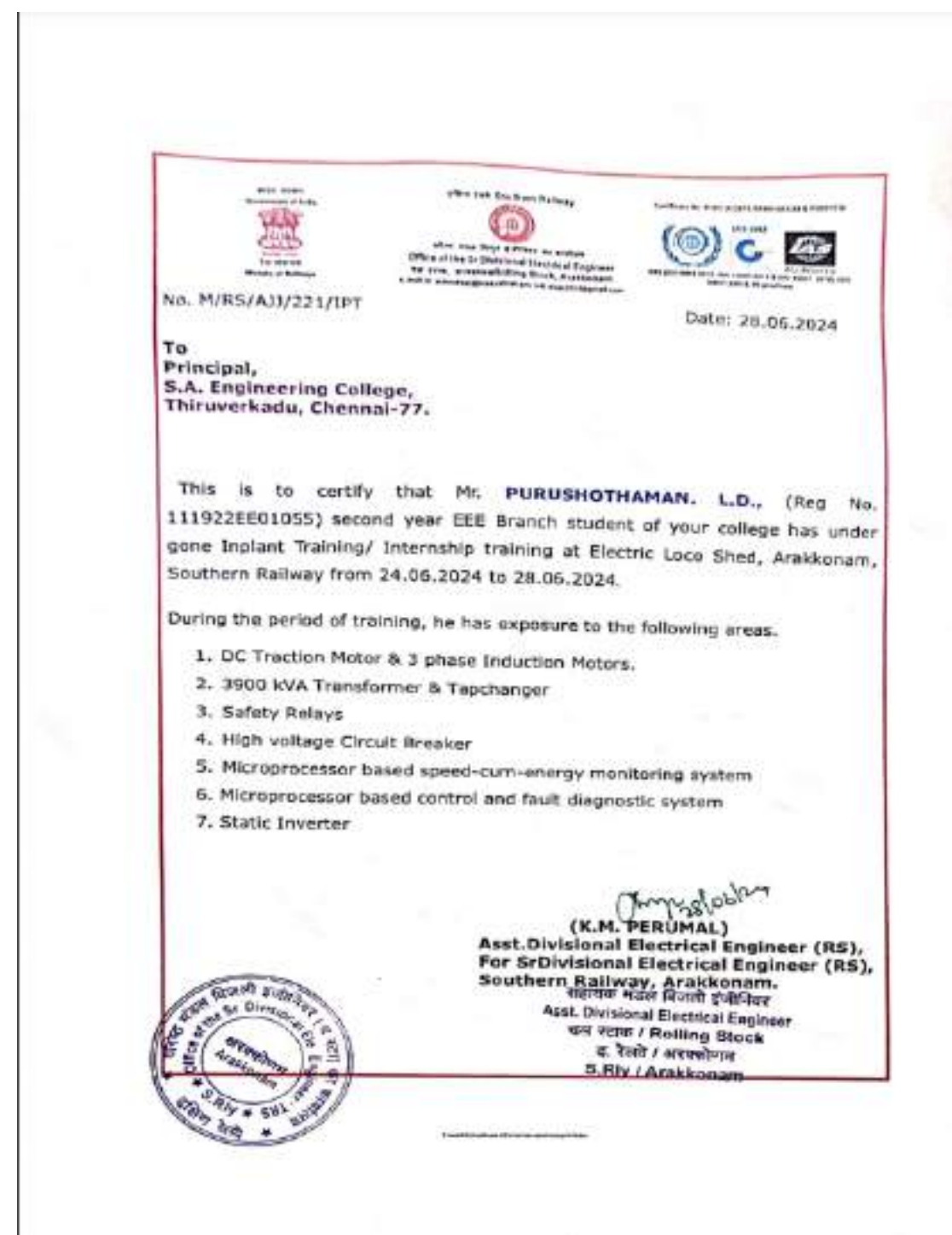
Guest Lecture on Transmission Line and Cable modelling using ETAP was organized by EEE department in association with **IEEE SB** on **21.02.24** for 2nd Year Students of EEE department. **Mr., K. Paramanandan**, Power System Engineer, Power Projects, Chennai delivered expert lecture to faculty members of EEE and students of EEE department with real time examples using ETAP. Totally 83 students of **EEE department** participated in the event. Faculty members from EEE department coordinated the entire event.

INTERNSHIP



From June 24 to June 28, 2024, Purushothaman LD, a pre-final year EEE student at our college, participated in implant training and an internship at the Electric Loco Shed in the Arakonam, Southern Railway Station.

INTERNSHIP



From June 24 to June 28, 2024, Regan, a pre-final year EEE student at our college, participated in implant training and an internship at the Electric Loco Shed in the Arakonam, Southern Railway Station.

INTERNSHIP



Telephone Nos :
Regd. Office : (044) 28522745
Factory : (044) 26234300
(044) 26258511

Telefax : 044 - 26257121
Web : www.wheelsindia.com

WHEELS INDIA LIMITED
Corporate Identity Number : L35921TN1960PLC004175

Registered Office :
21, Patulos Road, Chennai - 600 002.

Factory :
Padi, Chennai - 600 050.

PRNL/2024 03/07/2024

CERTIFICATE

This is to certify that Mr.SATHISH S (Reg.no.111922EE01064)BE(EEE), 3rd year student of S.A. Engineering College Chennai, has Undergone Internship in our factory from 03.06.2024 to 03.07.2024.

We found him sincere in his application to the training assignment.

We wish success in all his endeavors.

For Wheels India Limited
K. Saravanan
K. SARAVANAN
Deputy Manager (Training)



PLEASE ADDRESS ALL COMMUNICATIONS TO THE FACTORY

From June 3 to July 7, 2024, Sathish, a pre-final year EEE student at our college, participated in implant training and an internship at the Wheels India Limited in Padi.

INTERNSHIP



Logo of Government of India, Ministry of Railways, Southern Railway, and Office of the Sr Divisional Electrical Engineer, Arakonam.

No. M/RS/A11/221/IPT Date: 28.06.2024

To
Principal,
S.A. Engineering College,
Thiruverkadu, Chennai-77.

This is to certify that Mr. **LOGESH. S.**, (Reg No. 111922EE01036) second year EEE Branch student of your college has under gone Inplant Training/ Internship training at Electric Loco Shed, Arakonam, Southern Railway from 24.06.2024 to 28.06.2024.

During the period of training, he has exposure to the following areas.

1. DC Traction Motor & 3 phase Induction Motors.
2. 3900 kVA Transformer & Tapchanger
3. Safety Relays
4. High voltage Circuit Breaker
5. Microprocessor based speed-cum-energy monitoring system
6. Microprocessor based control and fault diagnostic system
7. Static Inverter

(K.M. PERUMAL)
Asst.Divisional Electrical Engineer (RS),
For SrDivisional Electrical Engineer (RS),
Southern Railway, Arakonam.
Asst. Divisional Electrical Engineer
घल पदाक / Rolling Stock
द. रेलवे / अरक्कोणम
S.Rly / Arakonam

From June 24 to June 28, 2024, Logesh, a pre-final year EEE student at our college, participated in implant training and an internship at the Electric Loco Shed in the Arakonam, Southern Railway Station.

INTERNSHIP



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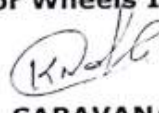
PRNL/2024 03/07/2024


CERTIFICATE

This is to certify that Mr. RAJESH V (Reg.no.111922EE01056)BE(EEE), 3rd year student of S.A. Engineering College Chennai, has Undergone Internship in our factory from 03.06.2024 to 03.07.2024.

We found him sincere in his application to the training assignment.

We wish success in all his endeavors.

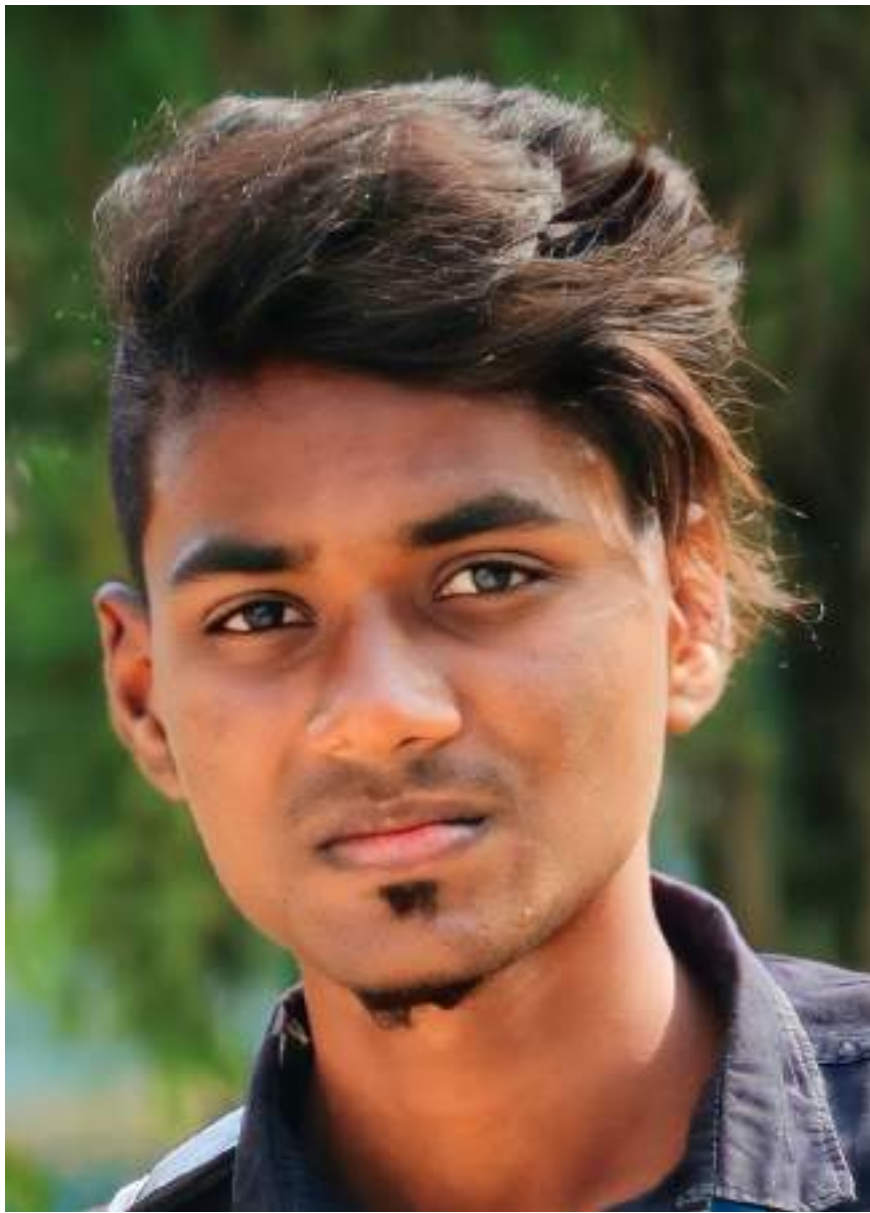
For Wheels India Limited

K. SARAVANAN
Deputy Manager (Training)



PLEASE ADDRESS ALL COMMUNICATIONS TO THE FACTORY

From June 3 to July 7, 2024, Rajesh, a pre-final year EEE student at our college, participated in implant training and an internship at the Wheels India Limited in Padi.

INTERNSHIP



From June 3 to July 7, 2024, Kishore, a pre-final year EEE student at our college, participated in implant training and an internship at the Wheels India Limited in Padi.

INTERNSHIP



Ms.Keerthana of pre-final year student had gone internship in engineering department at Rotork Controls.Pvt.Ltd. from 17-06-2024 to 28-06-2024

INTERNSHIP



From June 3 to July 7, 2024, Nivetha, a pre-final year EEE student at our college, participated in implant training and an internship at the Wheels India Limited in Padi.

INTERNSHIP



From June 3 to July 7, 2024, Santhiya, a pre-final year EEE student at our college, participated in implant training and an internship at the Wheels India Limited in Padi.

INTERNSHIP



From June 3 to July 7, 2024, Pragathi, a pre-final year EEE student at our college, participated in implant training and an internship at the Wheels India Limited in Padi.