

**ACADEMIC YEAR**

**2024-2025**

**ODD SEM**

**NEWS LETTER**

**July 2024 – Jan 2025**

# ABSTRACT

## PATENT REGISTERED

DATE	TOPIC	Published by
18-10-2024	Optimizing EV charging station operations using IOT, Cloud Computing & Machine Learning for Eco-friendly Transportation	Mrs. M. Shunmuga Sankari – HOD/EEE Mr. T. Kamalkumar – AP/EEE Mr. M. Arjunker – AP/EEE Mr. S. Ganesh – AP/EEE

## FACULTY FDP'S

SL.NO	STAFF NAME	EVENT NAME	CONDUCTED BY	DURATION
1	Mr.T.Kamalkumar – AP/EEE	Cutting-Edge Research Technologies in Signal Processing using MATLAB	MLRIT, Hyderabad	12-08-2024 to 17-08-2024
2	Mrs.M.Shunmuga Sankari – HOD/EEE Mr.T.Kamalkumar – AP/EEE	IP Awareness program	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)	23-08-2024
3	Mr.T.Kamalkumar – AP/EEE	NAAN MUDHALVAN PROGRAMME	Microsoft Digital Skills course	16-09-2024 TO 21-09-2024
4	Mrs.M.Shunmuga Sankari – HOD/EEE Mr.T.Kamalkumar – AP/EEE	Smart Grid and Renewable Energy Sources	St. Josephs College of Engineering, OMR, Chennai	23-09-2024 TO 27-09-2024
5	Mrs.M.Shunmuga Sankari – HOD/EEE Mr.T.Kamalkumar – AP/EEE Mr. M. Arjunker – AP/EEE Mr. S. Ganesh – AP/EEE	RECENT ADVANCEMENTS IN AI & IOT – INDUSTRY PERSPECTIVE	Periyar maniammai Inst of Science & Tech (PMIST), Vallam	25-11-2024 TO 30-11-2024
6	Dr. J. PRAKASH – Principal Mrs.M.Shunmuga Sankari – HOD/EEE Mr.T.Kamalkumar – AP/EEE Mr. M. Arjunker – AP/EEE Mr. S. Ganesh – AP/EEE	CLIMATIC CRISIS AND MITIGATION BY SUSTAINABLE DEVELOPMENT OF ENERGY AND ENVIRONMENT SYSTEMS	ATAL – SRI KRISHNA COLLEGE OF ENGG & TECH , COIMBATORE	16-12-2024 TO 21-12-2024
7	Mrs.M.Shunmuga Sankari – HOD/EEE Mr.T.Kamalkumar – AP/EEE Mr. M. Arjunker – AP/EEE Mr. S. Ganesh – AP/EEE	6-day Faculty Development Programme on "Smart Grid and Smart Distribution System	Mailam Engg College Villupuram	16.12.2024 TO 21.12.2024

## INDUSTRIAL VISITS

S.NO	NAME OF THE ORGANISATION	PARTICIPATED STUDENTS	DATE
1	ISRO,SRIHARIKOTA	II,III & IV	16-08-2024
2	DAIKIN Air conditioning and Development Center, Sricity,Tada	II & III	09-09-2024
3	AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING in Guindy	II,III & IV	18-10-2024

## STUDENT OTHER EVENTS

S.NO	DATE	NAME OF THE EVENT	VENUE	PARTICIPATED STUDENTS
1	02-09-2024 09-09-2024 16-09-2024 23-09-2024 07-10-2024 21-10-2024	Naan Mudhalvan Course	Velammal Institute of Technology, Thachoor.	IV –EEE STUDENTS
2	04-09-2024	Blood Donation camp	Mercy Educational & Charitable Trust from Anna Nagar	II-EEE (2) & IV-EEE (6) STUDENTS
3	09-10-2024	Naan Mudhalvan State-Wide Placement Program	Tagore Engineering College.	IV-EEE STUDENTS
4	21-01-2025	Naan Mudhalvan Course - Niral Thiruvizha 2.0	T.J.S. Engineering college, Peruvoyal	IV-EEE STUDENTS

# GUEST LECTURE

DATE	Presented by	Attended by
22-10-2024	GLOBAL TECH PVT LTD	III year students
21-01-2025	PROLIFIC SYSTEMS & TECH PVT LTD	II,III & IV year students

# TECHNICAL SEMINAR

DATE	Presented by	Attended by
22-10-2024 & 24-10-2024 & 25-10-2024	Mr.ANANTHARAMAN (PROLIFIC)	II year students

# WORKSHOP

DATE	Presented by	Attended by
29-10-2024	Axis global institute of industrial training	II,III & IV YEAR STUDENTS

# INTERNSHIP

DATE	Presented by	Attended by
27-01-2025 TO 10-02-2025	Prolific Systems & Technologies Pvt. Ltd	II Year Students (21 No.s)

## ALUMNI INTERACTION

DATE	ALUMNI NAME	DESIGNATION
17-10-2024	Mr.Sivakumar	Software Engineer, TCS
25-11-2024	Mr.Naresh kumar Mr.Sathish kumar	Software Engineer, TCS Sr.Electrical Engineer,Gummidipoondi
07-12-2024	Mr. Gaddam Sathish	Sr.System Admin,Aquarelle India

## TNSCST PROJECT PROPOSAL

DATE	EVENT NAME	NO. OF BATCH
12-09-2024	SMART INDIA HACKETHON	04
13-09-2024	Tamil Nadu State Council for Science and Technology	05

**12-08-2024 to 17-08-2024**

**Mr.T.Kamal kumar – AP/EEE as a participant in the online FDP on “Cutting-Edge Research Technologies in Signal Processing using MATLAB” held from 12<sup>th</sup> to 17<sup>th</sup> August 2024 conducted by MLRIT, Hyderabad**



**16-08-2024**

**Industrial Visit for the students of the II, III & IV year to display the ROCKET LAUNCHING by ISRO with the co-ordination of following faculties,**

- **Mr.T.KAMAL KUMAR – AP/EEE**
- **Mr.M.ARJUNKUMAR - AP/EEE**



**19-08-2024**

Naan Mudhalvan Course conducted for IV year students on VELAMMAL Engineering College, Thachoor with the co-ordination of Mr.M.Arjunkumar – AP/EEE

**20-08-2024**

Naan Mudhalvan Course conducted for III year students in online with their mobile on respective places with the co-ordination of Mr.T.Kamal kumar – AP/EEE

**23-08-2024**

The following faculties attended the IP Awareness program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)

Mrs.M.Shunmuga Sankari – HOD/EEE

Mr.T.Kamal kumar – AP/EEE

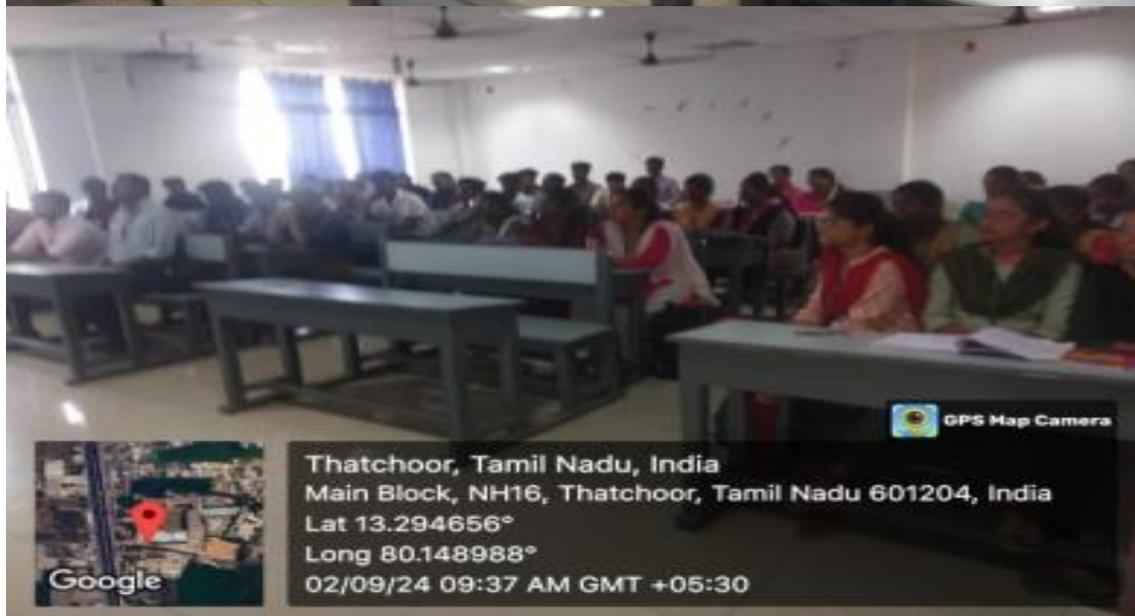


**27-08-2024**

Naan Mudhalvan Course conducted for III year students on TJS Engineering College, peruvayal with the co-ordination of Mr.T.Kamal kumar – AP/EEE

**02-09-2024**

Naan Mudhalvan Course conducted for IV year students on VELAMMAL Engineering College, Thachoor with the co-ordination of Mr.M.Arjunkumar –AP/EEE



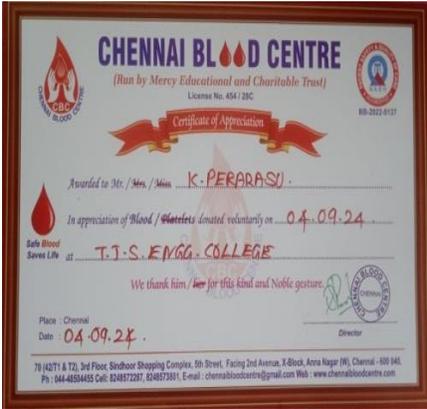
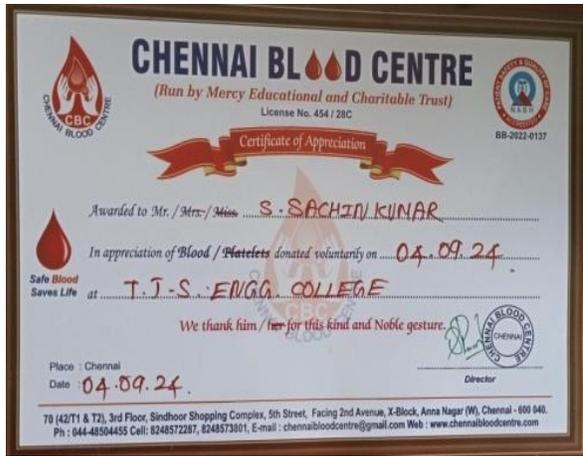
**03-09-2024**

**Naan Mudhalvan Course conducted for III year students on TJS Engineering College, peruvayal with the co-ordination of MR.T.Kamal kumar – AP/EEE**

**04-09-2024**

**Chennai Blood Centre run by Mercy Educational & Charitable Trust from Anna Nagar conducted a Blood Donation camp in our college campus. Our dept students were also participate to donate blood list of that students list has been mentioned below**

- **PERARASU.K (II)**
- **VIJAYAKUMAR.V (II)**
- **K.N.GANESH KUMAR (IV)**
- **SACHINKUMAR.S (IV)**
- **KARTHICK.N (IV)**
- **MUTHUVIJAYAN.S (IV)**
- **SAI YESHWIN.S (IV)**
- **YUVANRAJ.T (IV)**



**05-09-2024**

**Smart India Hackathon project proposal conducted for 3 batch of students from the IV year with the co-ordination of Mr.T.Kamal kumar – AP/EEE**

**06-09-2024**

**TANSCST project proposal registered in online and hard copy to be submitted on 10-09-2024 with the 8 batch of students from IV year with the co-ordination of Mr.T.Kamal kumar – AP/EEE**

09-09-2024

II & III year students has been taken to the INDUSTRIAL VISIT for the ACDC (DAIKIN Air conditioning and Development Center,Sricity,Tada) with the co-ordination of T.Kamal kumar – AP/EEE & K.Shanmugaraj – LI/EEE



**09-09-2024**

IV year students has been attended the NAAN MUDHALVAN course in Vellammal College of Engg & Tech in Thatthoor with the co-ordination of Neelagandan – LI/EEE



**10-09-2024**

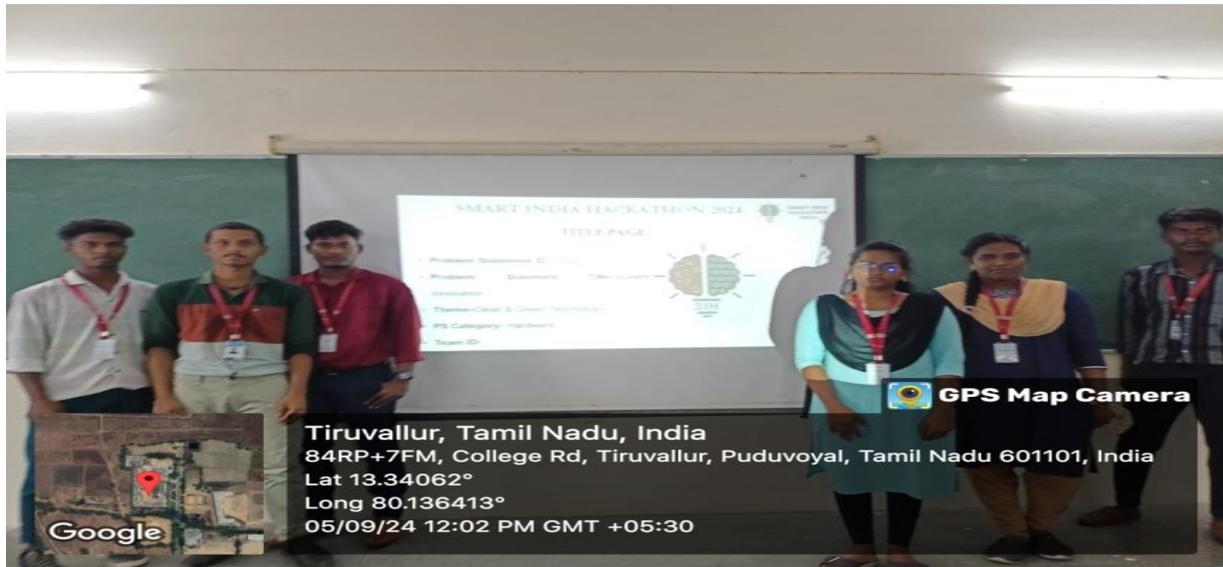
III year students attended the NAAN MUDHAVALAN course in online at our college campus with the co-ordination of T.Kamal kumar– AP/EEE

**10-09-2024**

IV year students Udhayakumaran B &Vayuluru mouli went for Anna University to submit the TNSCST Project proposal from guidance of T.Kamal kumar – AP/EEE

12-09-2024

- 4 Projects proposal submitted by EEE Department Students in SMART INDIA HACKETHON



**13-09-2024**

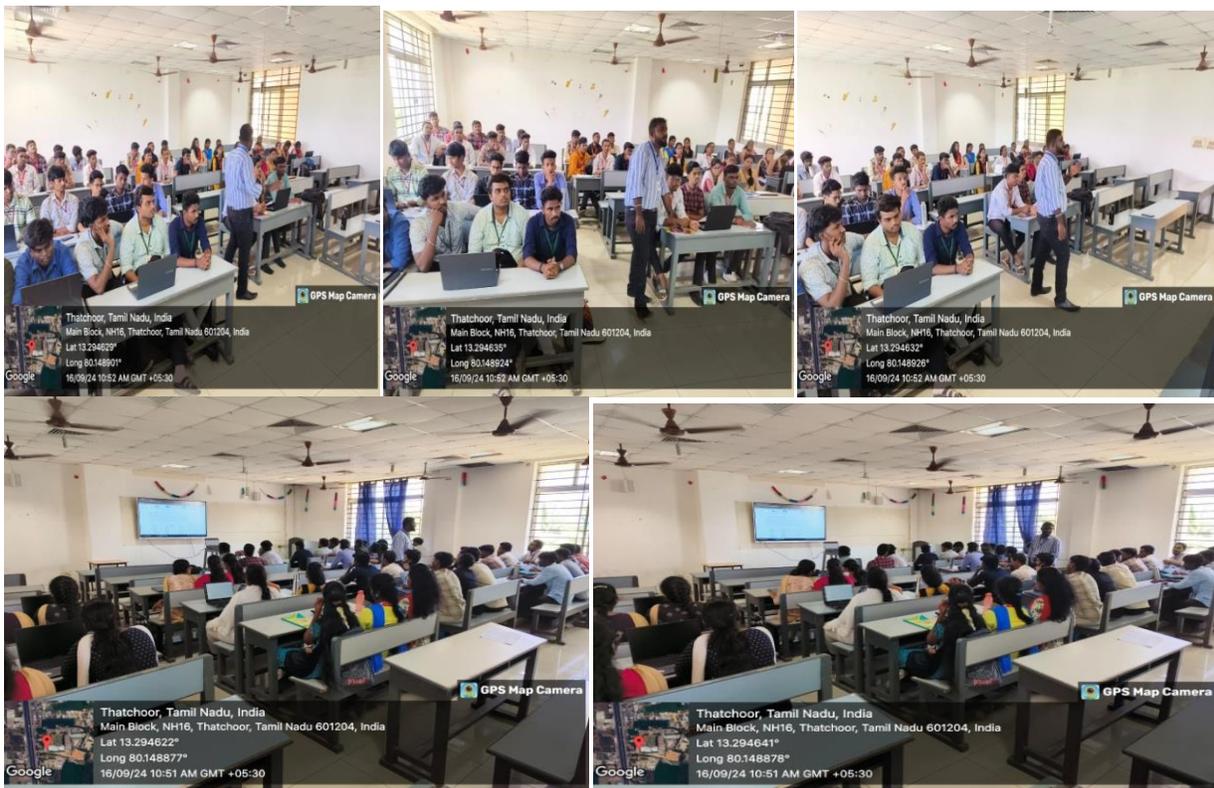
**IV EEE Students -5 Batches Submitted the Proposal For Tamil Nadu State Council for Science and Technology (TNSCST) Project**

**14-09-2024**

**Fresher's Day program conducted for 2024-2025 batch students by the Management**

**16-09-2024**

**IV year students has been attended the NAAN MUDHALVAN course in Vellammal College of Engg & Tech in Thatchoor with the co-ordination of Neelagandan – LI/EEE**



**16-09-2024 TO 21-09-2024**

**FDP on NAAN MUDHALVAN PROGRAMME on Microsoft Digital Skills course  
with A grade held at ANNA UNIVERSITY by**

**Mr. T. Kamal kumar – AP/EEE**



NMO2425E27183095



**GOVERNMENT OF TAMILNADU  
TAMILNADU SKILL DEVELOPMENT CORPORATION  
NAAN MUDHALVAN PROGRAMME**

**CERTIFICATE**  
OF COMPLETION



**FACULTY DEVELOPMENT PROGRAMME**

It is hereby certified that Mr./Dr./Mrs. Mr. T. KAMALKUMAR from

TJS Engineering College

has completed the Microsoft Digital Skills course with A grade\*.

Tamil Nadu Skill Development Corporation, Government of Tamil Nadu, awards this certificate to mark faculty training through the Naan Mudhalvan Program held at ANNA UNIVERSITY

From 16/09/2024 To 21/09/2024

Issued on: 01/12/2024

*By*

*By*

AUTHORISED SIGNATORY OF  
INDUSTRY/ TRAINING PARTNER



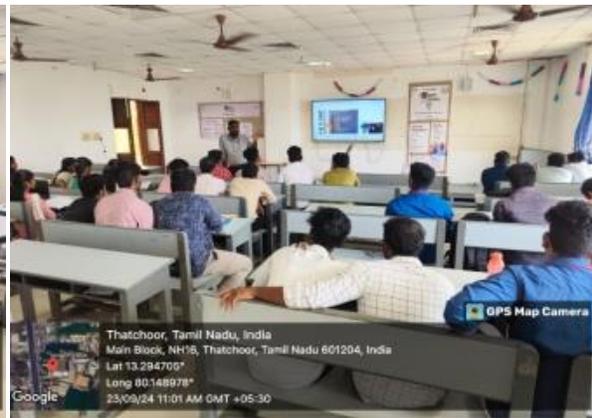
MANAGING DIRECTOR,  
TAMIL NADU SKILL DEVELOPMENT CORPORATION

\*This is **Eligible** under Career Advancement Scheme

Grade: A+(90-100), A(81-89), B(71-80), C(61-70), D(50-60)

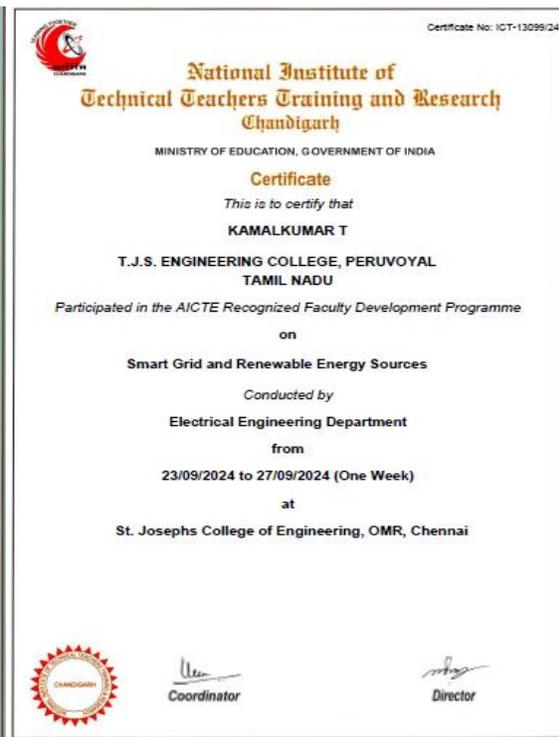
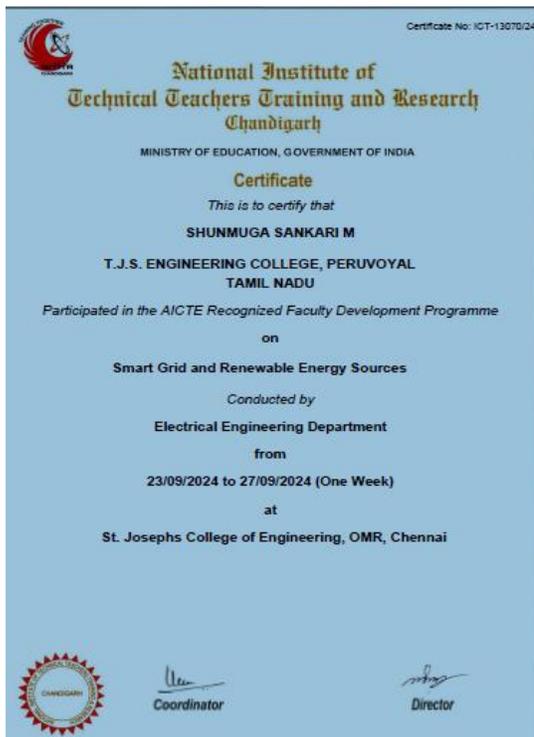
**23-09-2024**

**IV year students has been attended the NAAN MUDHALVAN course in Vellammal College of Engg & Tech in Thatchoor with the co-ordination of Neelagandan – LI/EEE**



**23-09-2024 TO 27-09-2024**

**M.SHUNMUGA SHANKARI HOD – EEE & T.KAMAL KUMAR AP – EEE Participated in the AICTE Recognized Faculty Development Program on Smart Grid and Renewable Energy Sources Conducted by Electrical Engineering Department at St. Josephs College of Engineering, OMR, Chennai**



**07-10-2024**

**IV year students has been attended the NAAN MUDHALVAN course in Vellammal College of Engg & Tech in Thatchoor with the co-ordination of Neelagandan – LI/EEE**





**08-10-2024**

III year students has been attended the NAAN MUDHALVAN course in our college through online mode in CAD lab with the co-ordination of T.Kamal kumar – AP/EEE

**08-10-2024**

PATENT REGISTERED on Optimizing EV charging station operations using IOT, Cloud Computing & Machine Learning for Eco-friendly Transportation by

**Mrs. M. Shunmuga Sankari – HOD/EEE**

**Mr. T. Kamalkumar – AP/EEE**

Mr. M. Arjunkumar – AP/EEE

Mr. S. Ganesh – AP/EEE

10/26/24, 3:54 PM Intellectual Property India

Office of the Controller, General of Patents, Designs & Trade Marks  
Department for Promotion of Industry and Internal Trade  
Ministry of Commerce & Industry,  
Government of India  
(<http://ipindia.nic.in/index.htm>)

INTELLECTUAL PROPERTY INDIA  
PATENT, DESIGN & TRADE MARKS  
REGISTRATION, PROTECTION & ENFORCEMENT  
(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202411076396
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/10/2024
APPLICANT NAME	1. Dr. Gurpreet Kaur 2. Dr. Neelhi M 3. Anantinder Singh 4. Likhay Kumar M 5. Balaram A. 6. T. P. S. Kumar Kasuramanchi 7. Shanmuga Sarathi M 8. Dr. R. Anusuya T. Kamal Kumar 9. M. Arjun Kumar 10. S. Ganesh
TITLE OF INVENTION	OPTIMIZING EV CHARGING STATION OPERATIONS USING IOT, CLOUD COMPUTING, AND MACHINE LEARNING FOR ECO-FRIENDLY TRANSPORTATION
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	mail2patentipr@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/10/2024

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

[View Documents](#)

➔ Filed ➔ Published ➔ RQ Filed ➔ Under Examination ➔ Disposed

<https://ipsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus> 1/2

09-10-2024

11 year students has been attended the NAAN MUDHALVAN course in our college through online mode in there respected class room with the co-ordination of T.Kamal kumar – AP/EEE

09-10-2024

IV year students has been attended the NAAN MUDHALVAN STATE-WIDE PLACEMENT PROGRAM in TAGORE ENGINEERING COLLEGE, Vengambakkam

List of Students

- **V.MOULI**
- **UDHAYAKUMARAN**
- **VIJAY.B**
- **NANDHINI.S**
- **DHASVANTH**
- **JANCY RANI.K**
- **PRIYADHARSHINI.S**
- **PRATHEEP KUMAR.M**
- **KAMALESH.G**
- **SAI YESHWIN.S**
- **YUVANRAJ.T**
- **PRASANTH.R**
- **VISWANATHAN.C**
- **MUTHUVIJAYAN.S**

**17-10-2024**

**Alumni meet-up arranged for 2nd , 3rd and 4th year students of EEE dept. by Sivakumar 2022 passed out**



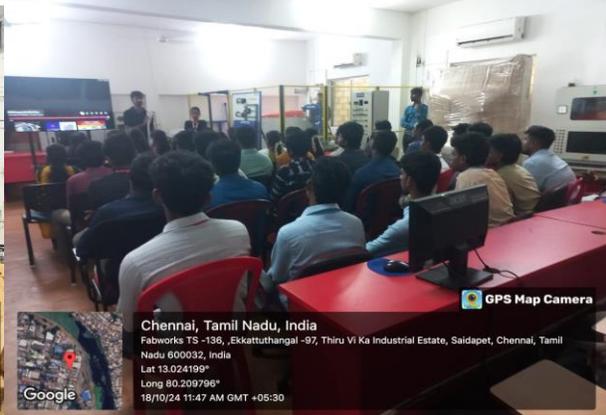
**18-10-2024**

**II & III & IV year students has been attended the INDUSTRIAL VISIT on AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING in Guindy for the workshop on ROBOTICS & AUTOMATION FOR INDUSTRY with the coordination of**

- **GANESH - AP/EEE**

- NEELAGANDAN - LI/EEE
- SHANMUGARAJ - LI/EEE





**21-10-2024**

**IV year students has been attended the NAAN MUDHALVAN course in Vellammal College of Engg & Tech in Thatthoor with the co-ordination of NEELAGANDAN - LI/EEE**



22-10-2024

III year students attended SEMINAR for GLOBAL TECH in online with the coordination of GANESH – AP/EEE



**22-10-2024 & 24-10-2024 & 25-10-2024**

**II year students attending the PSSC Virtual Power-up Programme based on Power Sector with the coordination of MR.ANANTHARAMAN (PROLIFIC)**



**28-10-2024**

**IV year students has been attended the NAAN MUDHALVAN course in Vellammal College of Engg & Tech in Thatchoor with the co-ordination of NEELAGANDAN - LI/EEE**

**29-10-2024**

**One Day Workshop On Industrial Automation & Robotics conducted by AGIIT, Chennai students from II,III & IV year EEE students have participated**



**25-11-2024**

- **Alumni meet-up arranged for 2nd , 3rd and 4th year students of EEE dept. by Naresh kumar & Sathish kumar**



# 25-11-2024 TO 30-11-2024

FDP organized by Dept of Computer Applications, Periyar maniammai Inst of Science & Tech (PMIST), Vallam of ONE WEEK NATIONAL LEVEL FDP on RECENT ADVANCEMENTS IN AI & IOT – INDUSTRY PERSPECTIVE attended by

Ms. M. SHUNMUGA SHANKARI - HOD/EEE

Mr. T. KAMAL KUMAR – AP/EEE

Mr. M. ARJUN KUMAR – AP/EEE

Mr. S. GANESH – AP/EEE



07-12-2024

Gaddam Sathish (11281115011) Sr. System Administration (Aquarelle India, Bangalore) Alumini meet-up for II & III year students of EEE Dept.



# 16.12.2024 TO 21.12.2024

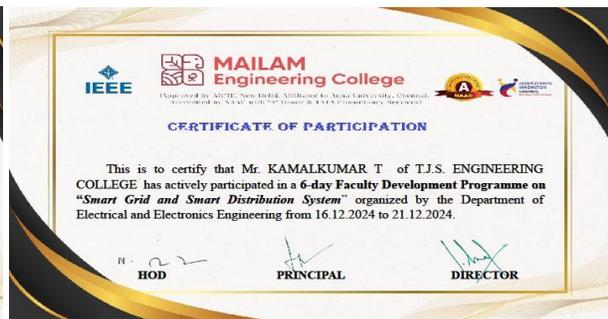
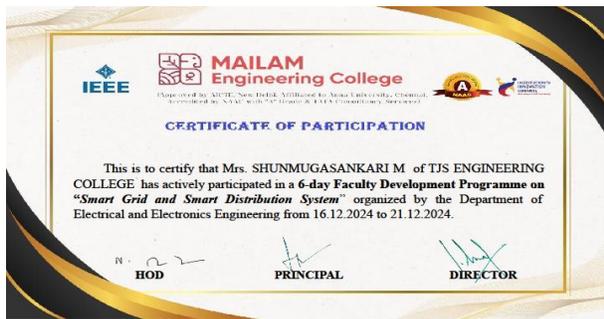
FDP organized by Mailam Engg College Villupuram on “6-day Faculty Development Programme on “Smart Grid and Smart Distribution System” attended by

Mrs.M.Shunmuga Sankari – HOD/EEE

Mr.T.Kamalkumar – AP/EEE

Mr. M. Arjunkumar – AP/EEE

Mr. S. Ganesh – AP/EEE



16.12.2024 TO 21.12.2024

FDP organized by ATAL – SRI KRISHNA COLLEGE OF ENGG & TECH , COIMBATORE on “CLIMATIC CRISIS AND MITIGATION BY SUSTAINABLE DEVELOPMENT OF ENERGY AND ENVIRONMENT SYSTEMS” attended by

Dr. J. Prakash – Principal

Mrs.M.Shunmuga Sankari – HOD/EEE

Mr.T.Kamalkumar – AP/EEE

Mr. M. Arjuncumar – AP/EEE

Mr. S. Ganesh – AP/EEE



27-01-2025 TO 10-02-2025

INTERNSHIP conducted by Prolific Systems & Technologies Pvt. Ltd. for II Year  
EEE Students



Dr.J.PRAKASH, M.E, Ph.D.,  
PRINCIPAL

E-mail : principal@tjsec.in  
3:7373730006, ☎ : 044-27967602

TJSEC / Internship - 01 / 2024

Date: 24.01.2025

To

The Managing Director,  
Prolific Systems & Technologies Pvt. Ltd.,  
No:151/34, Mambalam High Road,  
T-Nagar, Chennai-600017.

Respected Sir/Madam,

Sub: Internship at **Prolific Systems & Technologies Pvt. Ltd** – Requested.

The following student of BE/EEE Second year studying in this college.

S.No	Register No	Name of the Student
1	112823105011	HINDUJA V
2	112823105012	KAMALESH T
3	112823105013	KAMRESH G
4	112823105015	LINGESHWARAN N
5	112823105016	PERARASU K
6	112823105017	POORNIMA K
7	112823105018	VIJAYAKUMAR V
8	112823105301	KALAVANAN K S
9	112823105304	LOKESH M
10	112823105305	MADHAVAN N
11	112823105308	SANJAI RAJ E

The above students are interested to undergo Internship in **Prolific Systems & Technologies Pvt. Ltd-Chennai-600017**. Hence, necessary permission may please be accorded to them.

Thanking you.

Yours faithfully

T.J.S.Nagar, Peruvoyal, Kavaraipeeta, Near Redhills, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu - 601 206.  
Phone : 044 27967602, 27967604, 27967605, Cell : 7373730006 / 9788877771  
E-mail : tjsivanandam@gmail.com, tjsivanandam@gmail.com Website : www.tjsec.in



Dr.J.PRAKASH, M.E, Ph.D.,  
PRINCIPAL

E-mail : principal@tjsec.in  
3:7373730006, ☎ : 044-27967602

TJSEC / Internship - 02 / 2024

Date: 24.01.2025

To

The Managing Director,  
Prolific Systems & Technologies Pvt. Ltd.,  
No:151/34, Mambalam High Road,  
T-Nagar, Chennai-600017.

Respected Sir/Madam,

Sub: Internship at **Prolific Systems & Technologies Pvt. Ltd** – Requested.

The following student of BE/EEE Second year studying in this college.

S.No	Register No	Name of the Student
1	112823105001	ANGUMUTHU A
2	112823105002	ARAVIND T
3	112823105003	ARCHANA D
4	112823105004	DIENA KUMAR D
5	112823105005	DEEPANJAL M
6	112823105006	DHANASEKAR L
7	112823105007	DIWAKAR S
8	112823105008	EZHILVANI E
9	112823105009	HARINYA S
10	112823105010	HEMAVATHI R

The above students are interested to undergo Internship in **Prolific Systems & Technologies Pvt. Ltd-Chennai-600017**. Hence, necessary permission may please be accorded to them.

Thanking you.

Yours faithfully

PRINCIPAL

T.J.S.Nagar, Peruvoyal, Kavaraipeeta, Near Redhills, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu - 601 206.  
Phone : 044 27967602, 27967604, 27967605, Cell : 7373730006 / 9788877771  
E-mail : tjsivanandam@gmail.com, tjsivanandam@gmail.com Website : www.tjsec.in

21-01-2025

IV year students has been attended the NAAN MUDHALVAN course - Niral Thiruvizha 2.0 at T.J.S. Engineering college, Peruvoyal



The banner features three logos at the top: the Tamil Nadu state emblem on the left, the NAAM logo in the center, and the Naan Mudhalvan logo on the right. The central text reads 'NIRAL THIRUVIZHA 2.0 is here!'. Below this, two columns compare the 1.0 and 2.0 editions. The 1.0 edition (2024) lists 290 institutions, 9032 faculty guides, 10 themes, 65 problem statements, and 8486 ideas. The 2.0 edition (2025) lists 302 institutions, 13501 faculty guides, 12 themes, 85 problem statements, and '?? IDEAS?'. A central graphic of a circuit board connects the two columns. At the bottom, it states 'TIME TO BRING OUT YOUR GAME-CHANGING IDEAS!' and 'Registration Opens Tomorrow at 11 AM'. A blue button at the bottom contains the website URL: [www.naanmudhalvan.tn.gov.in/niralthiruvizha/](http://www.naanmudhalvan.tn.gov.in/niralthiruvizha/).

Year	Institutions	Faculty Guides	Themes	Problem Statements	Ideas
2024	290	9032	10	65	8486
2025	302	13501	12	85	??

21-01-2025

## II, III&IV year EEE Students attended GUEST LECTURE by Mr.Anandharaman (Prolific)

