



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC & NBA)

(An Autonomous Institution)

Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Electrical and Electronics Engineering

Abstract on the Department Level Data

Academic Year: 2025 -26

Semester: ODD

S. No	Details	Count
1	Faculty Count	8
2	No. of Non-Teaching Faculty	2
3	No. of Doctorates	1
4	No. of Faculty Pursuing Ph.D.,	4
5	No. of Research Supervisor	-
6	Total No. of Publications	4
7	No. of Patents	3
8	No. of Events Organized	11
9	No. of VAC Offered	2
10	No. of Industrial Visit made	4
11	No. of Active MoUs	7
12	No. of Events in which students participated in outside Institutions	4
13	No. of the Faculty with FDP Participation (5 Days)	8

PRINCIPAL



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Electrical and Electronics Engineering

Faculty Publications

(All Peer – Reviewed Journals from 2025 June to Till Now)

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	No. of Publications
1	Dr.P.Siva Subramanian	1
2	Dr.T.Arul Kumar	1
3	Mrs.R.Ramya	1
4	Mr.M.Kalidasan	1
5	Mr.N.Manikandan	1
6	Mr.D.Manoj	1

List of Publications in APA Style:

1. SFFHO: Development of Statistical Fitness-based Fire Hawk Optimizer for Software Testing and Maintenance Approach using Adaptive Deep Learning Method, G. Prabu, C. Sujatha, J. Erin Shine & **T. Arulkumar**, Journal of Electronic Testing, Volume 41, pages 313–338, (2025), 04-06-2025, Springer Nature Link. DOI: <https://link.springer.com/article/10.1007/s10836-025-06177-3>.
2. Intelligent control solutions for enhancing dual-fold Luo converter efficiency in EVs, **P. Siva Subramanian**, B. Marisekar, P. Mohana Karthiga, **R. Ramya**, International Journal of Power Electronics and Drive System (IJPEDS), Vol. 16, No. 3, 01-09-2025, IAES Publication, DOI: <http://doi.org/10.11591/ijped.v16.i3.pp1789-1800>
3. Hybrid LSTM-Transformer and EPSO-EKF Framework for Advanced Battery Management Systems in Electric Vehicles, **D.Manoj**, University of Slavonski Brod, Mechanical Engineering Faculty in Slavonski Brod in Tehnicki vjesnik-Technical Gazette, Vol. 32 (5) , 1993-2000, 15-10-2025, Technical Gazette. DOI: <https://doi.org/10.17559/TV-20250118002279>.
4. Nanophotonic-Enhanced Photoacoustic Fusion with Transformers for Brain Tumor Classification, **Balamanikandan A, Manikandan N, Kalidasan M**, International Journal of Electrical and Electronics Research (IJEER), Volume 13, Issue 4, 30.12.2025. Forex Publication. DOI: <https://doi.org/10.37391/IJEER.130427>.



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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Electrical and Electronics Engineering

Faculty Patent Publications

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	No. of Publications
1	Mr.M.Kalidasan	2
2	Mr.N.Manikandan	1

List of Patent Publication in APA Style:

1. **An Intelligent Machine Learning System for Optimizing Power Output in Photovoltaic Arrays under Partial Shading Conditions**, **M.Kalidasan**, Application No.202541077953 A, Publication Date : 29/08/2025, The Patent Office **Journal No. 35/2025** Dated 29/08/2025.
2. **Real Time Cyber Security Threat Mitigation for Cloud Connected IOT Networks**, **M.Kalidasan**, Application No.202541087317 A, Publication Date: 17/10/2025, the Patent Office **Journal No. 42/2025** Dated 17/10/2025.
3. **Automated Courtroom Intelligence System using Machine Learning for Judicial Ethics Based on Legal Frameworks**, **N.Manikandan**, Application No.202521080273 A, Publication Date: 17/10/2025, the Patent Office **Journal No. 42/2025** Dated 17/10/2025.



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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Electrical and Electronics Engineering

Departmental Events

Academic Year: 2025 -26

Semester: ODD

S. No	Date	Event Details
1	28-10-2025	Guest Lecture on Blueprint For Success: The Entrepreneur's Roadmap Resource Person: Mr.K.Saravanan, Entrepreneurship Expert, Southern Regional Office, EDII, Bangalore.
2	24-10-2025	Alumni Talk Series- Voltage of vision Resource Person: Ms. B. Gnana Arockya Amali, Operation Associate, Movate Technologies (CSS Corp Pvt.Ltd) Chennai.
3	23-10-2025	A Seminar on “ Industry Insights: The Future of Quality Assurance” Resource Person: Mr. S. Praveen, Senior System Engineer, Quality Analyst, TCS, Chennai
4	09-10-2025	Seminar on Creating an Innovation Ecosystem Resource Person: Mr. K. Bhagath Singh, Entrepreneur, Sustainable Tech Innovator, Digital Product Management Consultant, Student of Science & Author
5	03-10-2025	Alumni Talk Series- BIM- The Digital Transformation in Engineering Careers Resource Person: Mr. K. Kesavan, Senior BIM/MEP Engineer & Coordinator, Pinnacle Infotech Solution, Madurai
6	30-09-2025	Alumni Talk Series- Exploring IT Careers without Coding Knowledge Resource Person: Mr. L. Vignesh, Software Test Engineer, Shyaway
7	23-09-2025	Alumni Talk Series- Powering Your future: Career Pathways in Wind Energy Resource Person: Mr. K. Bharath Kumar, Assistant Engineer, Wind World India Ltd
8	22-08-2025	One Day online FDP on “Integration of Renewable Energy with Electric Mobility”

		Resource Person: Dr. Harishchander Anandaram, Assistant Professor, Amrita School of Artificial Intelligence, Coimbatore, Amirta Vishwa Vidyapeetham, Coimbatore
9	09-08-2025	Alumni Talk Series Resource Person: Er. Vighneshwaran, Plant Engineer- L&T Neyveli
10	24-07-2025	Alumni Talk Series Resource Person: M. Thirumalaisamy, PCB Design Engineer, Tessolve Semiconductor pvt. Ltd., Coimbatore
11	23-07-2025 to 28-07-2025	Orientation program for II year students

Glimpses of Guest Lecture on Blueprint For Success: The Entrepreneur’s Roadmap on 28-10-2025



Glimpses of Alumni Talk Series- Voltage of vision on 28-10-2025



Glimpses of A Seminar on “Industry Insights: The Future of Quality Assurance” on 23-10-2025



Glimpses of Seminar on Creating an Innovation Ecosystem by Mr. K. Bhagath Singh, Entrepreneur, Sustainable Tech Innovator, Digital Product Management Consultant, Student of Science & Author on 23-10-2025



Glimpses of Alumni Talk Series- BIM- The Digital Transformation in Engineering Careers on 03-10-2025



Glimpses of Alumni Talk Series- Exploring IT Careers without Coding Knowledge on 30-09-2025



Glimpses of Powering your future: Career Pathways in Wind Energy on 30-09-2025



Glimpses of Alumni Talk Series on 09-08-2025



Glimpses of Orientation program for II year students from 23-07-2025 to 28-07-2025





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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Electrical and Electronics Engineering

Details of VAC Offered

Academic Year: 2025 -26

Semester: ODD

S. No	Class and Branch	Details of VAC offered	Period (Date: From – To)
1	III - EEE	Fundamentals of Industrial Automation and PLC Programming - Skill Max Global Solutions, Madurai	06-10-2025 to 11-10-2025
2	II - EEE	Introduction to Electronics System- Egroots Edtech Solutions, Salem	18-08-2025 to 23-08-2025

Glimpses of VAC for III year EEE



Glimpses of VAC for II year EEE





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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Electrical and Electronics Engineering

Details of Industrial Visits

Academic Year: 2025 -26

Semester: ODD

S. No	Class / Branch	Place of Visit	Date of Visit
1	II- EEE	Associated Transformer pvt. Ltd., Dindigul	28-07-2025
2	III- EEE	Robin solar power plant pvt. Ltd., Batlagundu	30-08-2025
3	II-EEE	Sempatty Substation, Dindigul	26-09-2025
4	III & II - EEE	Rivera coil manufacturing, Erode	17-10-2025

Glimpses of IV to Associated Transformer pvt. Ltd., Dindigul



Glimpses of IV to Robin solar power plant pvt. Ltd., Batlagundu



Glimpses of IV to Sempatty Substation, Dindigul



Glimpses of IV to Rivera coil manufacturing, Erode





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Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Electrical and Electronics Engineering

Details of Active MoUs

Academic Year: 2025 -26

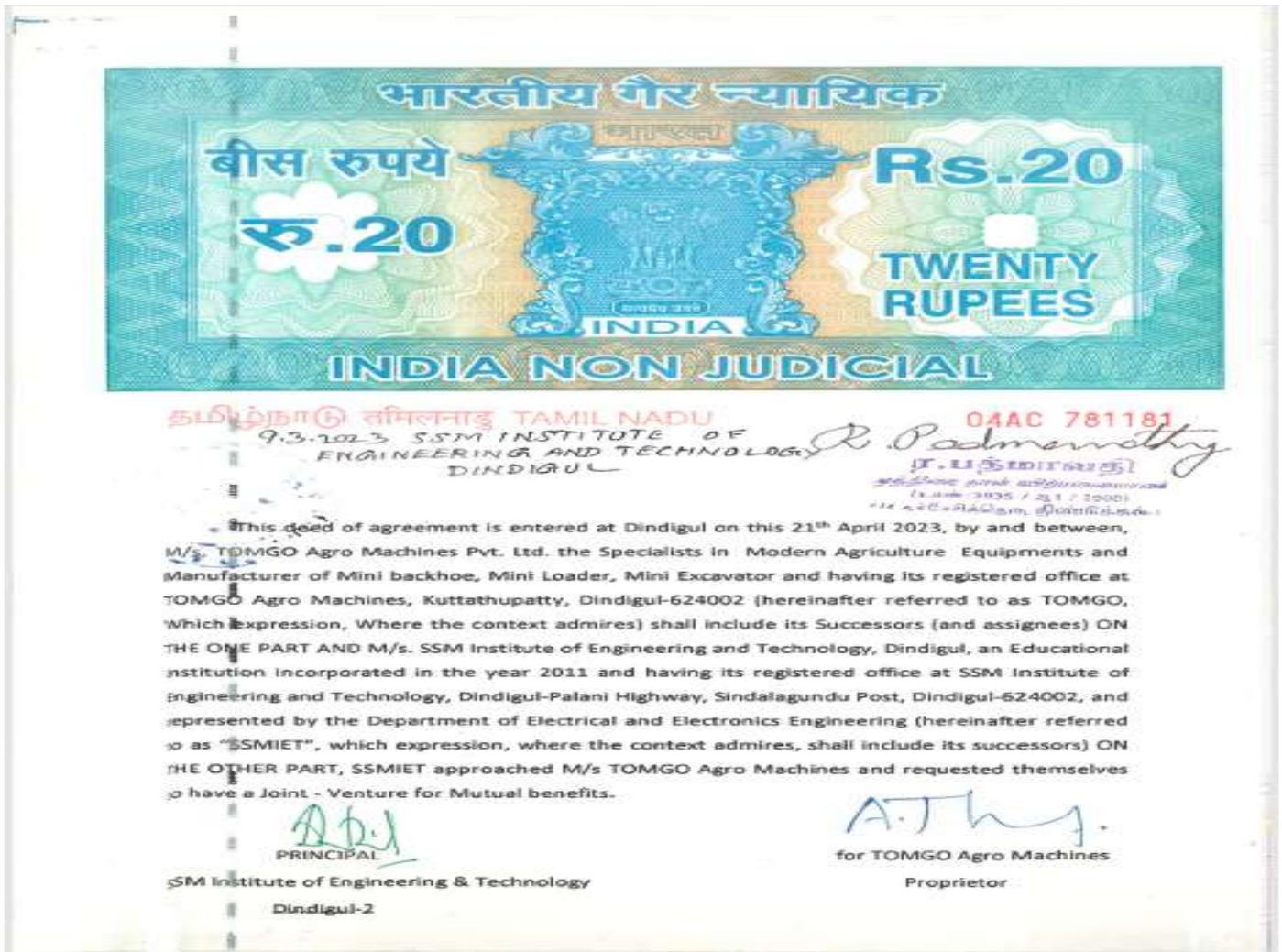
Semester: ODD

S. No	MoU Signed Company - Details	Date of MoU Signed	Validity of MoU (Period)
1	Prolific Systems and Technologies Pvt.Ltd., Coimbatore.	14.08.2018	Life Time
2	Sarayu Engineering, Dindigul.	14.09.2018	Life Time
3	Shree Technologies, Coimbatore.	24.09.2021	5 Years
4	Spotlight Technology, Dindigul.	18.11.2022	5 Years
5	Sunshiv Electronic Solutions, Coimbatore.	14.10.2022	5 Years
6	TOMGO Agro Machines Pvt.Ltd, Dindigul.	21.04.2023	5 Years
7	Hygge Mobility Pvt.Ltd. Madurai	23.6.2025	3 Years

Glimpses of MoU Signed ceremony



Sarayu Engineering, Dindigul.



Tomgo Agro Machines, Dindigul



தமிழ்நாடு தமில்நாடு TAMIL NADU

62AB 800324



SSM Institute of Engineering & Technology Dindigul

Handwritten signature and printed details of R. Anantharaman, Associate Director, including address and contact information.

MEMORANDUM OF UNDERSTANDING

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY AND PROLIFIC SYSTEMS AND TECHNOLOGIES PVT. LTD.,

This MEMORANDUM OF UNDERSTANDING (MOU) made and executed on this day of 15.9.2018 between SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY an educational institution, situated at Dindigul-Palani Highway, Dindigul, Tamil Nadu 624002 and represented by SSM Institute of Engineering and Technology, Dindigul hereinafter Called SSMIET (Which expression shall include its successors and assigns) of the first part.

AND

PROLIFIC SYSTEMS AND TECHNOLOGIES PVT. LTD., a company registered and having its Branch office at No.3/84, New scheme road P N Palayam Coimbatore 641-037 and represented by Mr. R.Anantharaman, Associate Director, hereinafter referred to as Prolific, which term shall mean and include, unless repugnant to the context and meaning thereof, its Successors, legal representatives and assigns, of the other part;

FOR PROLIFIC SYSTEMS & TECHNOLOGIES PVT LTD
R. ANANTHARAMAN
ASSOCIATE DIRECTOR



FOR SSM Institute of Engineering & Technology
Dr. M. S. Srinivasan M.E., Ph.D.
SSM Institute of Engineering and Technology,
Kamathupatti Village, Sindurajam - 624002
Dindigul-624022

Prolific Systems and Technologies Pvt.Ltd., Coimbatore



கமீழ்நாடு தமிழ்நாடு TAMIL NADU 23-08-21

SSM Institute of Engineering
And Technology
Dindigul

96AB128436

ஆர்.நாதசுப்பிரமணியன்
மாநிலத்தின் கிழக்கு மண்டலம்
56 மன்ற மாநகம்.
ம.நாள் : 202/ஆ. 1/2004
29/1 மாநக மாநகல் மன்ற.
L.B.காமசுப்பிரமணியன்
Y.N.காமசுப்பிரமணியன்

MEMORANDUM OF UNDERSTANDING

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY
AND
SUNSHIV ELECTRONIC SOLUTIONS**

THIS MEMORANDUM OF UNDERSTANDING (MOU) made and executed On this Friday day 23 of October 2022 between: SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, an Educational Institution, situated at Dindigul-Palani Highway, Dindigul, Tamil Nadu 624002 and represented by Dr.D.Senthil Kumaran, Principal hereinafter Called SSMIET (Which expression shall include its successors and assigns) of the first part;

AND

SUNSHIV ELECTRONIC SOLUTIONS, a company registered and having office at 245, Chinnasamy naidu road, Opp to Ayyappan temple, New Siddhapudur, Gundhipuram, Coimbatore - 641044, and represented by, Mr. S.Sundaramoorthy, CEO hereinafter referred to as SUNSHIV ELECTRONIC SOLUTIONS, which term shall mean and include, unless repugnant to the context and meaning thereof, it's Successors, legal representatives and assigns, of the other part;

Head of the Department
Department of Electrical & Electronics Engin
SSM Institute of Engineering & Technology
Shudhakaran Post, Dindigul-624002

Sunshiv Electronic Solutions, Coimbatore.



18746 Shree Technologies 97AB 950369
20/9/2021
S. KRISHNAN
STAMP VENDOR
Chennai Corporation's Office Campus
Chennai-600 001.
Licence No: A2/35488/73

MEMORANDUM OF UNDERSTANDING

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

&

SHREE TECHNOLOGIES, A FRANCHISEE OF PROLIFIC SYSTEMS AND TECHNOLOGIES PVT. LTD.,

This MEMORANDUM OF UNDERSTANDING (MOU) made and executed On this 24th day of September 2021 between SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, an Educational Institution, situated at Dindigul- Palani Highway, Dindigul, Pin – 624 002 and represented by Dr. D. Senthil Kumaran, Principal hereinafter Called SSM (Which expression shall include its successors and assigns) of the first part;

AND

SHREE TECHNOLOGIES, A franchisee of Prolific Systems & Technologies Pvt. Ltd., a company registered and having office at No.3/84, New scheme Road, P N. Palayam, Coimbatore -641037, and represented by, Mr. R.Anantharaman, Managing Partner hereinafter referred to as SHREE TECH, which term shall mean and include, unless repugnant to the context and meaning thereof, it's Successors, legal representatives and assigns, of the other part;



Shree Technologies, Coimbatore



தமிழ்நாடு தமில்நாடு TAMILNADU

21.4.2025 SSM INSTITUTE OF
ENGINEERING AND TECHNOLOGY
DINDIGUL

EY 052725

R. Padmanabhy
ர.பத்மாவதி

முத்தியா தூல் வித்யாபாயகம்
(ச.ச.எ. 3935 / ஆ 1 / 2000)
வி.க.செ.சி.பெ.க. திண்டிவகம்.

MEMORANDUM OF UNDERSTANDING (MoU)

Between

SSM Institute of Engineering and Technology (SSMIET), Dindigul

And

Hygge Mobility Pvt. Ltd., Madurai

This Memorandum of Understanding (MoU) is entered into on this 23rd day of June, 2025, by and between:

SSM Institute of Engineering and Technology (SSMIET), located at Dindigul – 624002, Tamil Nadu, India, represented by its Principal, hereinafter referred to as the "First Party", AND **Hygge Mobility Pvt. Ltd.**, located at 1/163, Nagari Main Road, Sithalangudi Village, Opposite to JK Fenner, Madurai District, Tamil Nadu – 625221, represented by its Managing Director/Authorized Representative, hereinafter referred to as the "Second Party".

Purpose

This MoU establishes a collaborative relationship between the First Party and the Second Party to promote research, development, innovation, and capacity building in:

- Electric Vehicle (EV) mobility technologies
- Renewable energy-based solutions
- Sustainable transportation systems

Hygge Mobility Pvt.Ltd. Madurai



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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Electrical and Electronics Engineering

Student Achievements (Excluding Sports)

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Student	Class / Branch	Details of Achievements (Other Institution Participation)
1	AFRIN J	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation,Quiz Paavai Engineering College- Thinkathon2.O,Prompt Craft
2	DIVYA DHARSHINI K	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation,Quiz Paavai Engineering College- Thinkathon2.O,Prompt Craft
3	GNANA SNOWS BENADICTA B	II/EEE	Paavai Engineering College-,Prompt Craft
4	HARINI G	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation,Quiz
5	JOSHITHA MUNI S	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation
6	KABIYAN G	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation
7	KASTHURI V	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation, Quiz Paavai Engineering College-Prompt Craft
8	NITHIESH KUMAR S	II/EEE	Paavai Engineering College-Prompt Craft
9	OM VISHWA S	II/EEE	Paavai Engineering College-Prompt Craft
10	PRABAKARAN N	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation,Quiz Paavai Engineering College-Prompt Craft
11	SADHANA G	II/EEE	Paavai Engineering College- Thinkathon2.O,Prompt Craft
12	SYED HASAN SANJARI M N H	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation,Quiz Paavai Engineering College-Sudoku Cipher Hunt-II prize.
13	VENMATHI A	II/EEE	Indra Ganesan College Of Engineering- Paper Presentation
14	NITHEESH M	II/EEE	Paavai Engineering College- Thinkathon2.O,Prompt Craft

15	MATHEW SIMSON R	II/EEE	Paavai Engineering College-Thinkathon 2.0, Prompt Craft
16	AROCKIA ALTO BLAISE W	III/EEE	Kongu Engineering College, Erode- Paper Presentation, Connection, Quiz
17	KUBENDRAN S	III/EEE	Velammal Institute of Technology- Project Competition.

Glimpses of the Achievements
(Sample Photo Proofs)





AURA
Paavai's Student
Activity Forum

PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH-44, Paavai Nagar, Pachal, Namakkal - 637 018.

Departments of Aero, Agri, AI&DS, Biomedical, Bio Tech, CSE, CSE (AI&ML), CSE (IoT), Civil, Cyber Security, Chemical, EEE, ECE, Food Tech, IT, Mechatronics, Mech, Pharmaceutical Tech, R&A, S&F & MCA

JOINTLY PRESENT

TECHFINIX'25

A National Level Technical Symposium

This is to certify that Mr./Ms. N. PRABAKARAN, III - EEE
of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has
won/participated in PROMPT CRAFT
held on 07th & 08th November 2025.

Convenor

Principal

Chairman



Indra Ganesan

★ COLLEGE OF ENGINEERING ★

(AN AUTONOMOUS INSTITUTION)

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NAAC Accredited, 2 (f) & 12 (B) Status Institution by UGC

IG Valley (Near New Integrated Bus Terminus), Manikandam, Tiruchirappalli - 620 012



CERTIFICATE OF APPRECIATION

NATIONAL LEVEL TECHNICAL SYMPOSIUM

Electrospark'25



This is to Certify that V. Kasthuri of II - EEE from
SSM Institute of Engineering and Technology has participated
in the event of PPT/Quiz and secured First/Second/Third
Prize/Participation at National Level Technical Symposium
"Electrospark'25 Organized by Department of ECE & EEE on 26th
August 2025.

HOD/ECE

HOD/EEE

VICE-PRINCIPAL

PRINCIPAL



AURA
Paavai's Student
Activity Forum

PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH-44, Paavai Nagar, Pachal, Namakkal - 637 018.

Departments of Aero, Agri, AI&DS, Biomedical, Bio Tech, CSE, CSE (AI&ML), CSE (IoT), Civil, Cyber Security, Chemical, EEE, ECE, Food Tech, IT, Mechatronics, Mech, Pharmaceutical Tech, R&A, S&F & MCA

JOINTLY PRESENT

TECHFINIX'25

A National Level Technical Symposium

This is to certify that Mr./Ms. NITHISH M., II - EEE
of SSM INSTITUTE OF TECHNOLOGY has
won/participated in THINKATHON 2.0
held on 07th & 08th November 2025.


Convener


Principal


Chairman



Indra Ganesan

★ COLLEGE OF ENGINEERING ★
(AN AUTONOMOUS INSTITUTION)

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NAAC Accredited, 2 (f) & 12 (B) Status Institution by UGC

IG Valley (Near New Integrated Bus Terminus), Manikandam, Tiruchirappalli - 620 012



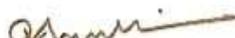
CERTIFICATE OF APPRECIATION

NATIONAL LEVEL TECHNICAL SYMPOSIUM



Electrospark'25

This is to Certify that N. Prebakaran of II - EEE from
SSM institute of Engineering and Technology has participated
in the event of APT / Quiz and secured First/Second/Third
Prize/Participation at National Level Technical Symposium
"Electrospark'25 Organized by Department of ECE & EEE on 26th
August 2025.


HOD/ECE


HOD/EEE


VICE-PRINCIPAL


PRINCIPAL



AURA
Paavai's Student
Activity Forum

PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH-44, Paavai Nagar, Pachal, Namakkal - 637 018.

Departments of Aero, Agri, AI&DS, Biomedical, Bio Tech, CSE, CSE (AI&ML), CSE (IoT), Civil, Cyber Security, Chemical, EEE, ECE, Food Tech, IT, Mechatronics, Mech, Pharmaceutical Tech, R&A, S&F & MCA

JOINTLY PRESENT

TECHFINIX'25

A National Level Technical Symposium

This is to certify that Mr./Ms. SYED HASAN SANJARI, II - EEE
of GSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has
won/participated II in SUDOKU CIPHER HUNT
held on 07th & 08th November 2025.


Convenor


Principal


Chairman



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INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Electrical and Electronics Engineering

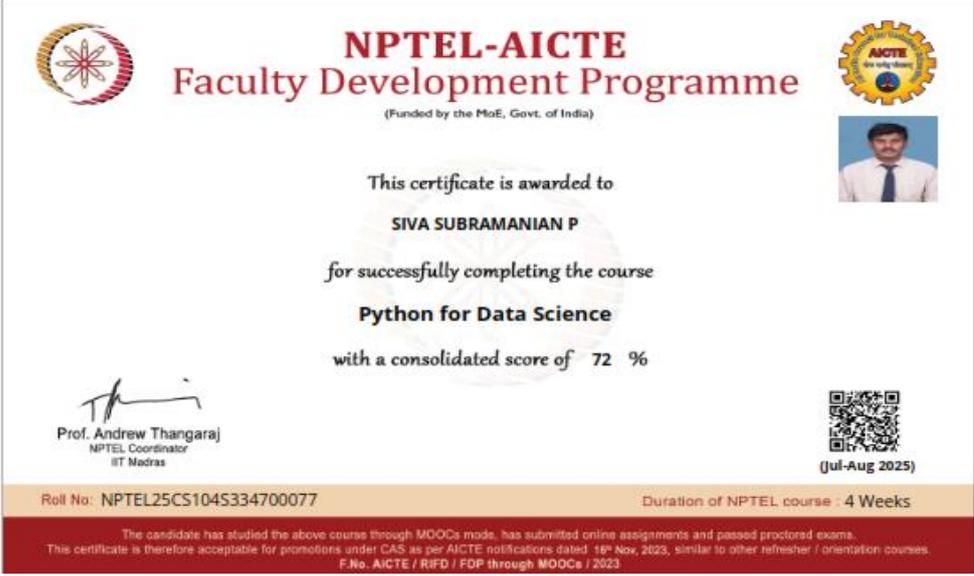
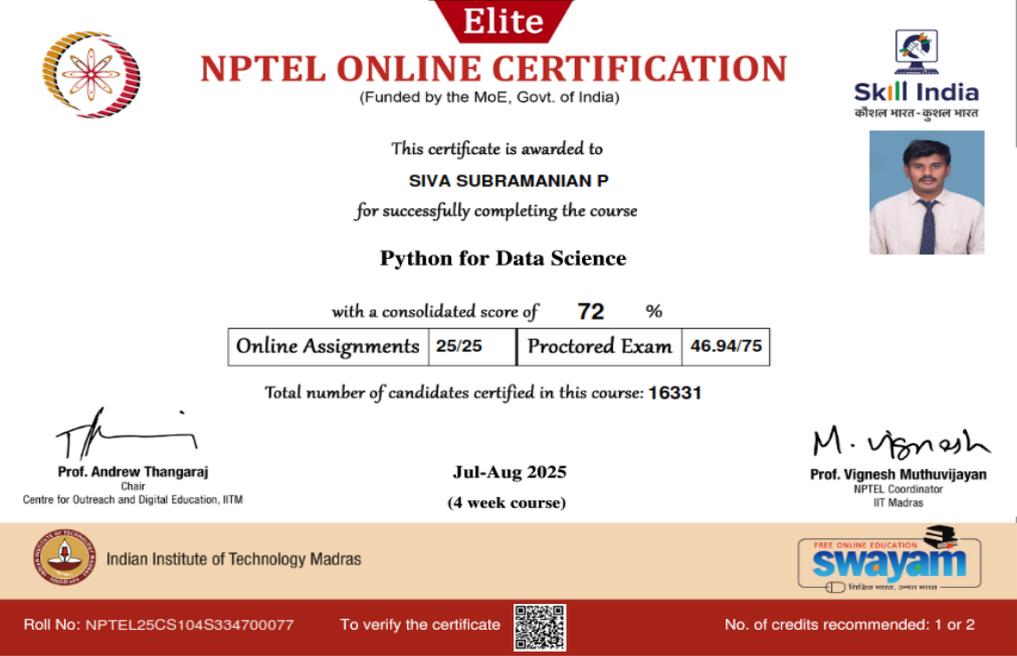
Faculty Achievements

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP (List all the achievement in the Odd Semester)
1	Dr.P.Siva Subramanian	<ol style="list-style-type: none">1. Participated in a 4-week Faculty Development Program on “Python for Data Science” (online Mode) organized by NPTEL –Indian Institute of Technology, Madras, from 24th July 2025 to 30th October 2025.2. Successfully completed NPTEL Online Certification (Elite) course on “Python for Data Science” Conducted by IIT Madras through SWAYAM, funded by the Ministry of Education, Government of India (Jul- Oct 2025).3. Completed AICTE QIP PG Certification course on “Intelligent Control System for Electric Vehicle” from National Institute of Technology, Karnataka, December – 2025.4. Published a Chapter, P.Siva Subramanian (2025) “Harnessing AI for Sustainable Power Generation, Conservation, and Consumption” Innovations in Power Systems and Applications, IGI Global Scientific Publishing, pp. 21 -42. https://doi.org/10.4018/979-8-3693-7663-8.ch002.

PROOF DETAILS

Name of the Faculty	Proof (Certificate Proof / Event Participation Proof with Captions)				
<p>Dr.P.Siva Subramanian (FDP)</p>	 <p>The certificate is awarded to SIVA SUBRAMANIAN P for successfully completing the course Python for Data Science with a consolidated score of 72 %.</p> <p>Roll No: NPTEL25CS104S334700077 Duration of NPTEL course : 4 Weeks</p> <p>The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 18th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2023</p>				
<p>Dr.P.Siva Subramanian (NPTEL)</p>	 <p>The certificate is awarded to SIVA SUBRAMANIAN P for successfully completing the course Python for Data Science with a consolidated score of 72 %.</p> <table border="1" data-bbox="628 1238 1168 1272"> <tr> <td>Online Assignments</td> <td>25/25</td> <td>Proctored Exam</td> <td>46.94/75</td> </tr> </table> <p>Total number of candidates certified in this course: 16331</p> <p>Jul-Aug 2025 (4 week course)</p> <p>Roll No: NPTEL25CS104S334700077 To verify the certificate  No. of credits recommended: 1 or 2</p>	Online Assignments	25/25	Proctored Exam	46.94/75
Online Assignments	25/25	Proctored Exam	46.94/75		
<p>Dr.P.Siva Subramanian (Book Chapter)</p>	<p>https://doi.org/10.4018/979-8-3693-7663-8.ch002</p>				

PRINCIPAL



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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(An Autonomous Institution)

Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Electrical and Electronics Engineering

Faculty Achievements

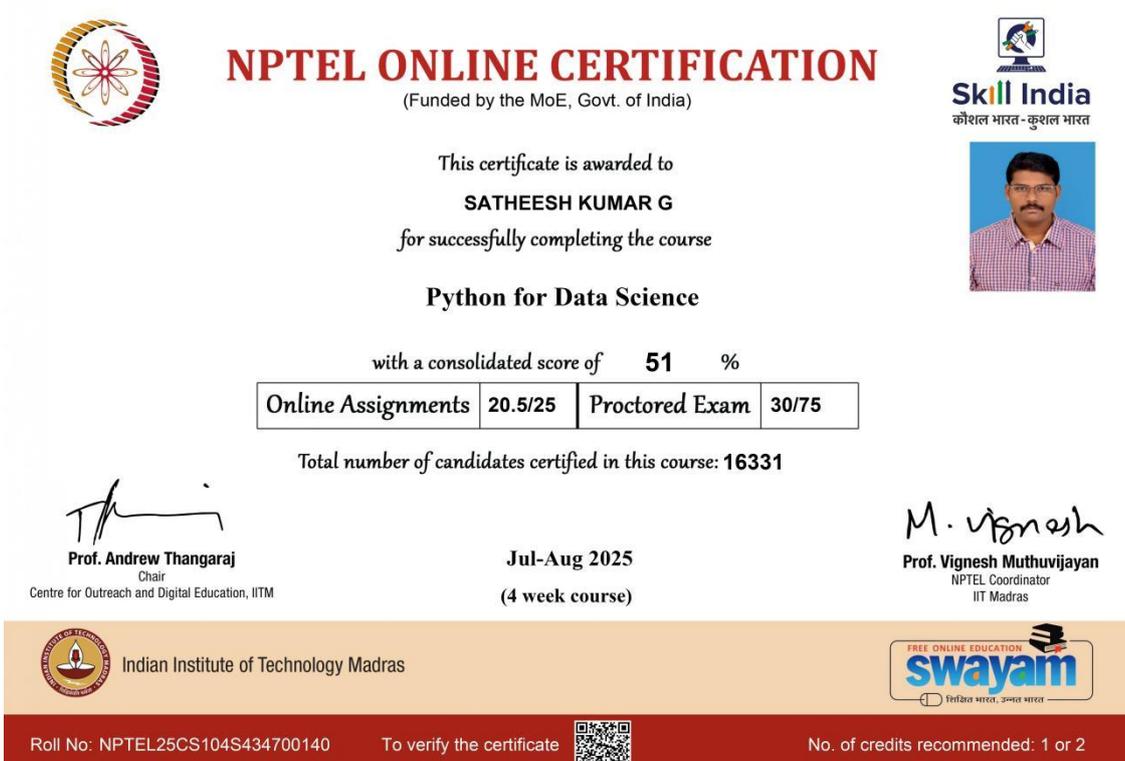
Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP (List all the achievement in the Odd Semester)
1	Mr.G.Satheesh Kumar	<ol style="list-style-type: none">1. Completed the Certificate Course (3 Credits-Blended Mode) in “Counselling skills”, organized by the PG Department of Counselling Psychology, St. Joseph’s College (Autonomous), Tiruchirappalli, Tamil Nadu from June 2, 2025 - June 30, 2025.2. Presented a research paper titled “<i>Grid Connected Single Stage PV System by Using Super Twisting Sliding Mode Controllers</i>” in 2025 International Conference on Computing Technologies & Data Communication (ICCTDC) Hassan, India. July 04 - 05, 2025.3. Successfully completed NPTEL Online Certification course on “Python for Data Science” conducted by IIT Madras through SWAYAM, funded by the Ministry of Education, Government of India (Jul–Aug 2025).4. Completed 6 months AICTE-QIP-PG Certificate Program “Intelligent Transport System for Electric Vehicles” at NITK Surathkal.5. Acted as a Program Coordinator for “seminar on Creating an Innovation Ecosystem” dated 09.10.25.6. Completed AICTE approved Three days self-funded (face to face) Introductory FDP on Universal Human Values (UHV) from 26 to 28.12.2025.

PROOF DETAILS

Name of the Faculty	Proof (Certificate Proof / Event Participation Proof with Captions)
Mr.G.Satheesh Kumar	 <p>St. Joseph's College (Autonomous) Accredited with A++ Grade (Cycle IV) by NAAC Special Heritage Status Awarded by UGC College with Potential for Excellence by UGC Tiruchirappalli 620002</p> <p>This is to certify that Mr.G. Satheesh Kumar Asst. Professor of Electrical and Electronics Engineering, SSMIET, Dindigul</p> <p>has successfully completed a three-credit Certificate Course (45 hours) on Counselling Skills organized by the Department of Counselling Psychology.</p> <p>Dr. A. John Balaiah Course Coordinator & HoD</p> <p>Rev. Dr. S. Mariadoss SJ Principal</p> <p>Issued date: 22-07-2025 Certificate ID: SJC-CC-25-CP-038</p>

Mr.G.Satheesh Kumar	 <p>NPTEL ONLINE CERTIFICATION (Funded by the MoE, Govt. of India)</p> <p>This certificate is awarded to SATHEESH KUMAR G for successfully completing the course Python for Data Science</p> <p>with a consolidated score of 51 %</p> <table border="1" data-bbox="590 1512 1189 1556"> <tr> <td>Online Assignments</td> <td>20.5/25</td> <td>Proctored Exam</td> <td>30/75</td> </tr> </table> <p>Total number of candidates certified in this course: 16331</p> <p>Prof. Andrew Thangaraj Chair Centre for Outreach and Digital Education, IITM</p> <p>Jul-Aug 2025 (4 week course)</p> <p>Prof. Vignesh Muthuvijayan NPTEL Coordinator IIT Madras</p> <p>Indian Institute of Technology Madras</p> <p>FREE ONLINE EDUCATION swayam कौशल भारत, कुशल भारत</p> <p>Roll No: NPTEL25CS104S434700140 To verify the certificate  No. of credits recommended: 1 or 2</p>	Online Assignments	20.5/25	Proctored Exam	30/75
Online Assignments	20.5/25	Proctored Exam	30/75		



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institution)

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Dindigul - Palani Highway, Dindigul - 624 002.



Department of Electrical and Electronics Engineering
in Association with
Institution's Innovation Council
Organizes an

SEMINAR on
(Creating an Innovation Ecosystem)

RESOURCE PERSON



Mr. K Bhagath Singh

Entrepreneur | Sustainable Tech Innovator
Digital Product Management Consultant
Student of Science & Author



09 OCT
2025 (THU)



03:30 - **05:00**
PM - **PM**



Seminar Hall - 1
SSMIET Campus

Faculty Co-ordinator

Mr. G Satheesh Kumar, AP/EEE

President IIC

Dr. K Vinoth Kumar

Principal

Dr. D Senthil Kumaran

..All Are Cordially Invited..

Mr.G.Satheesh
Kumar

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(An Autonomous Institution)

Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Electrical and Electronics Engineering

Faculty Achievements

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP (List all the achievement in the Odd Semester)
1	Mr.M.Kalidasan	<ol style="list-style-type: none">1. Completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program (Online) on Emerging Trends in Electric Vehicle Ecosystem: Power Electronics, AI and Sustainable Mobility at CHRIST COLLEGE OF ENGINEERING from 18/08/2025 to 23/08/2025.2. Acted as a Reviewer in the title “Optimal distributed generation allocation in radial distribution networks using a modified seagull optimization algorithm with elite reserve strategy” in Energy Conversion and Management: X, Elsevier publication on July 2025.3. Participated in the One Day Online FDP on “Integration of Renewable Energy with Electric Mobility ” organized by Department of EEE, SSM Institute of Engineering and Technology in association with Pencil Bitz on August 22, 2025.4. Successfully completed NPTEL Online Certification (Elite) course on Foundations of Cognitive Robotics conducted by IIT Kanpur through SWAYAM, funded by the Ministry of Education, Government of India (Jul–Aug 2025).5. Successfully completed NPTEL Online Certification course on Mechanics and Control of Robotic Manipulators conducted by IIT Palakkad through SWAYAM, funded by the Ministry of Education, Government of India (Jul–Aug 2025).

6. Successfully completed **NPTEL Online Certification (Elite)** course on **Introduction to Internet of Things** conducted by **IIT Kharagpur** through SWAYAM, funded by the Ministry of Education, Government of India (Jul–Aug 2025).
7. Successfully completed **NPTEL Online Certification (Elite)** course on **Drone Systems and Control** conducted by **IISc Bangalore** through SWAYAM, funded by the Ministry of Education, Government of India (Jul–Aug 2025).
8. **Certificate of Appreciation** for being recognized as a **NPTEL BELIEVER Star** through SWAYAM, funded by the Ministry of Education, Government of India (Jul–Aug 2025).
9. Successfully completed the 6 month **AICTE sponsored QIP PG Certification Programme** on “**ROBOTICS**” at **IIT Palakkad**, from **31.06.2025 to 20.12.2025**.
10. Successfully attended (Online), **International conference on Electronics, AI and Robotics (ICEAR 2025)** held from **15- 17 July 2025** organized in Hybrid Mode, **Republic of Korea**.
11. I successfully Completed a Three days AICTE approved FDP on **UHV-I(Universal Human Values-Offline) 3Days**.

PROOF DETAILS

Name of the Faculty	Proof (Certificate Proof / Event Participation Proof with Captions)
Mr.M.Kalidasan	 <p>The image shows a certificate from the All India Council for Technical Education (AICTE) Training and Learning (ATAL) Academy. The certificate is titled 'Certificate' and certifies that Mr. Kalidasan, a faculty member of SSM Institute of Engineering and Technology, has successfully participated in and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on 'Emerging Trends in Electric Vehicle Ecosystem: Power Electronics, AI and Sustainable Mobility' at CHRIST COLLEGE OF ENGINEERING from 18/08/2025 to 23/08/2025. The certificate is signed by Eugene Peter, Assistant Professor Level (AICTE Institute), Coordinator at CHRIST COLLEGE OF ENGINEERING, and Dr. Sunil Luthra, Director & Bureau Head at Training and Learning Bureau, AICTE. The certificate includes logos for Skill India, ATAL, AICTE, and CHRIST College of Engineering, along with the reference number ATAL/2025/1754977022.</p>

Mr.M.Kalidasan



Mr.M.Kalidasan



Mr.M.Kalidasan



Elite
NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



कोशल भारत - कुशल भारत

This certificate is awarded to
KALIDASAN M
for successfully completing the course



Foundations of Cognitive Robotics

with a consolidated score of **68** %

Online Assignments	22.5/25	Proctored Exam	45/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **164**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Aug 2025

(4 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL25ME126S544800091

To verify the certificate



No. of credits recommended: 1 or 2

Mr.M.Kalidasan



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



कोशल भारत - कुशल भारत

This certificate is awarded to
KALIDASAN M
for successfully completing the course



Mechanics and Control of Robotic Manipulators

with a consolidated score of **53** %

Online Assignments	21.63/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **72**

Dr. Piyush P. Kurur
Chairman, Centre for Continuing Education
IIT Palakkad

Jul-Sep 2025

(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Palakkad



Roll No: NPTEL25ME105S344800609

To verify the certificate



No. of credits recommended: 2 or 3

Mr.M.Kalidasan



Elite
NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
KALIDASAN M
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **71** %

Online Assignments	23.91/25	Proctored Exam	47.45/75
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Total number of candidates certified in this course: **50282**

Jul-Oct 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS147S1066300389

To verify the certificate



No. of credits recommended: 3 or 4

Mr.M.Kalidasan



Elite
NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
KALIDASAN M
for successfully completing the course

Drone Systems and Control

with a consolidated score of **73** %

Online Assignments	24.85/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **1192**

Jul-Oct 2025
(12 week course)

Prof. L. Umanand
NPTEL Coordinator & Chair, Centre for Continuing
Education, IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL25AE30S1266300476

To verify the certificate



No. of credits recommended: 3 or 4

Mr.M.Kalidasan



Mr.M.Kalidasan



Mr.M.Kalidasan

The certificate is a formal document with a blue and yellow header. At the top center, it reads 'International Conference on Electronics, AI & Robotics' and 'Republic of Korea'. The main title is 'CERTIFICATE OF ATTENDANCE'. The recipient's name, 'KALIDASAN M', is prominently displayed. The text certifies that 'ANNA UNIVERSITY/ SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY - DINDIGUL, INDIA' has successfully attended 'DAY 3 - 17th July 2025' of the conference, which was held from July 15th to 17th, 2025, in a hybrid mode. A message of appreciation follows, praising the participant's engagement with cutting-edge research in electronics, AI, and robotics. The bottom of the certificate features four signatures and names of organizers: Prof. Ravindra N Bulakhe (Sungkyunkwan University, South Korea), Dr. Ni Kadek Suryani (IDB - Bali Institute of Design and Busin, Indonesia), Dr. I Wayan Budi Sentana (Politeknik Negeri Bali, Indonesia), and Dr. Pratikshya Bhandari (Shinawatra University, Thailand). Logos for ICEAR, Scopus, IDB Bali, CRC Press, and Politeknik Negeri Bali are also present. A 'SOUTH KOREA' banner with a Korean flag and a gold medal icon are at the bottom left.

성균관대학교
SUNGKYUNKWAN UNIVERSITY

ICEAR
Scopus[®]

International Conference on Electronics, AI & Robotics
Republic of Korea

IDB BALI
INSTITUT DESAIN & BISNIS BALI

CRC Press
Taylor & Francis Group

CERTIFICATE
OF ATTENDANCE

This is to certify that
KALIDASAN M

ANNA UNIVERSITY/ SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY - DINDIGUL,
INDIA
has successfully attended on **DAY 3 - 17th July 2025** of the *International Conference on Electronics, AI & Robotics (ICEAR 2025)* held from 15th - 17th July 2025 organized in Hybrid Mode in the Republic of Korea.

We appreciate the participant's interest in engaging with cutting-edge research and discussions in the fields of **Electronics, Artificial Intelligence, and Robotics.**

SOUTH KOREA

Prof. Ravindra N Bulakhe
Sungkyunkwan University
South Korea

Dr. Ni Kadek Suryani
IDB - Bali Institute of Design and Busin
Indonesia

Dr. I Wayan Budi Sentana
Politeknik Negeri Bali
Indonesia

Dr. Pratikshya Bhandari
Shinawatra University
Thailand

POLITEKNIK NEGERI BALI

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Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Electrical and electronics Engineering

Faculty Achievements

Academic Year: 2025 -26

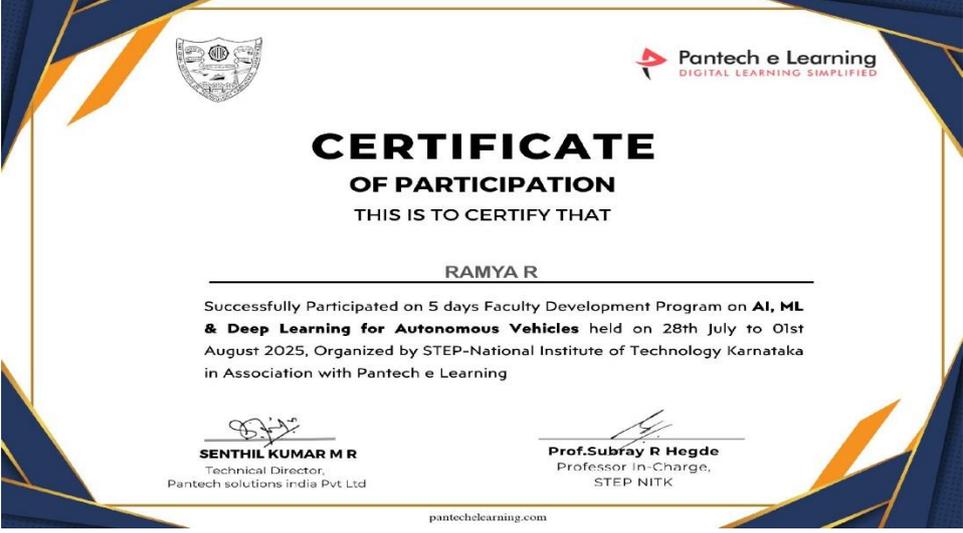
Semester: ODD

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP (List all the achievement in the Odd Semester)
1	Mrs.R. Ramya	<ol style="list-style-type: none">1. I successfully participated in a 5-day Faculty Development Programme on “AI, ML & Deep Learning for Autonomous Vehicles” conducted from 28th July to 1st August 2025, organized by STEP–NIT Karnataka in association with Pantech e-Learning.2. I actively completed a One Week Faculty Development Programme on “Recent Advancements in Artificial Intelligence and Machine Learning” held from 30th June to 4th July 2025, organized by the Department of ECE, St. Joseph’s College of Engineering, in association with STEP–NIT Surathkal and Pantech e-Learning.3. I attended a technical webinar on “Familiarity with Manufacturing Process, Material Grades, and Cost Price Sensitivity of Ferrite and Neodymium Magnets for EV Applications” on 25th February 2025.4. I successfully completed the 12-week NPTEL-AICTE Faculty Development Programme course on “Optimization Theory and Algorithms” during July–October 2025, achieving a consolidated score of 57%, thereby strengthening my analytical and optimization problem-solving skills relevant to engineering applications.5. I participated and completed a One Week National Level Faculty Development Programme on “Recent Trends in AI – Text, Vision & Hardware Implementation Models” conducted from 28th August to 2nd September 2025, organized by Panimalar Engineering College in association with STEP–NIT Surathkal and Pantech Solutions Pvt. Ltd.6. I actively participated in a One-Day Online FDP on “Integration of Renewable Energy with Electric Mobility” conducted on 22nd August 2025

by the **Department of EEE, SSM Institute of Engineering and Technology, Dindigul**

7. I Successfully Completed a **three credit** certificate course on **Counselling skills** organized by the department of counselling psychology, **St. Joseph's College, Trichy.**
8. I successfully Completed a Three days AICTE approved FDP on **UHV – I (Universal Human Values-Offline) 3Days.**
9. Acted as a Association Coordinator for “Blueprint for Success: The entrepreneurs Road map” dated 28.10.25.
10. Acted as a Program Coordinator for ““ Industry Insights: The Future of Quality Assurance” dated 23.10.25
11. Acted as a Program Coordinator for “Orientation program for II year students” dated 23-07-2025 to 28-07-2025.
12. Acted as a Program Coordinator for “**Alumni Talk Series** Resource Person: Er. Vighneshwaran, Plant Engineer- L&T Neyveli” dated 25.07.25.

SAMPLE PROOF DETAILS

Name of the Faculty	Proof (Certificate Proof / Event Participation Proof with Captions)
Mrs.R. Ramya	 <p>The image shows a certificate titled "CERTIFICATE OF PARTICIPATION" issued by Pantech e Learning. It certifies that Mrs. R. Ramya successfully participated in a 5-day Faculty Development Program on AI, ML & Deep Learning for Autonomous Vehicles, held from July 28th to August 01st, 2025. The program was organized by STEP-National Institute of Technology Karnataka in association with Pantech e Learning. The certificate is signed by Senthil Kumar M R, Technical Director of Pantech solutions india Pvt Ltd, and Prof. Subray R Hegde, Professor in-Charge at STEP NITK.</p>

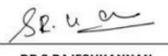


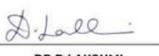
Department of Electronics and Communication Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that MRS.R.RAMYA
SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

has actively participated & completed the **One Week Faculty Development Program** on **Recent Advancements in Artificial Intelligence (AI) & ML** from **30th June to 4th July 2025**, organized by the Department of Electronics and Communication Engineering, **St. Joseph's College of Engineering** in association with **STEP - National Institute of Technology, Surathkal** and **Pantech e Learning**.


DR.S.RAJESHKANNAN
HOD-ECE
St. Joseph's College of Engineering
OMR, Chennai -119


DR.D.LAKSHMI
CO - ORDINATOR
St. Joseph's College of Engineering
OMR, Chennai -119


SUBRAY HEGDE
PROFESSOR INCHARGE
STEP - National Institute of Technology
Surathkal


M.R.SENTHILKUMAR
DIRECTOR
Pantech e Learning Pvt. Ltd
Chennai

CERTIFICATE NO PEL-FDP-25-2984

Mrs.R. Ramya



**NPTEL-AICTE
Faculty Development Programme**
(Funded by the MoE, Govt. of India)



This certificate is awarded to

RAMYA R

for successfully completing the course

Optimization Theory and Algorithms

with a consolidated score of **57 %**


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jul-Oct 2025)

Roll No: NPTEL25EE137S655600316

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov, 2023, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2023

Mrs.R. Ramya



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAMYA R
for successfully completing the course

Optimization Theory and Algorithms

with a consolidated score of **57** %

Online Assignments	23.6/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **78**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2025
(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25EE137S655600316

To verify the certificate



No. of credits recommended: 3 or 4

Mrs.R. Ramya

Mrs.R. Ramya



Mrs.R. Ramya



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Dindigul - Palani Highway, Dindigul - 624 002.

ORIENTATION PROGRAM

Department of Electrical and Electronics Engineering

23.07.2025 - 28.07.2025



WELCOME TO EEE DEPARTMENT

FACULTY INCHARGES
Ms.S.GEETHANJALI - AP/EEE
Mrs.R.RAMYA - AP/EEE

HoD - EEE
Dr.P.SIVA SUBRAMANIAN

PRINCIPAL
Dr. D. SENTHIL KUMARAN

Mrs.R. Ramya



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Dindigul - Palani Highway, Dindigul - 624 002.

Department of Electrical and Electronics Engineering Organize

ALUMNI TALK

(Core Career Pathways)

RESOURCE PERSON



VIGNESHWARAN
Site Engineer
L&T

25 Jul 2025 **11:45 AM** **B Block-105 SSMIET Campus**

Faculty Co-ordinators
Ms. S Geethanjali - AP/EEE
Mrs. R Ramya - AP/EEE

Department HoD
Dr. P Siva Subramanian

Principal
Dr. D Senthil Kumaran

..All Are Cordially Invited..



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(An Autonomous Institution)

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Accredited by NAAC | Accredited by NBA (ECE, EEE, MECH)

Department of Electrical and Electronics Engineering
(In association with)
Institutions Innovation Council

Organizes

A SEMINAR ON "Industry Insights: The Future of Quality Assurance"

RESOURCE PERSON



Mr. S. Praveen
Senior System Engineer
Quality Analyst
TCS, Chennai



DATE : 23.10.2025
DAY : THURSDAY



TIME: 12.00PM
TO 01.30PM



SEMINAR HALL 3
SSMIET CAMPUS

Faculty Coordinator
Mrs.R.Ramya,AP/EEE

HoD/EEE
Dr.P.Siva Subramanian

PRINCIPAL
Dr.D.Senthil Kumaran

All Are Cordially Invited

Mrs.R. Ramya

PRINCIPAL



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Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department Of Electrical and Electronics Engineering

Faculty Achievements

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP (List all the achievement in the Odd Semester)
1	Mr.N.Manikandan	<ol style="list-style-type: none">1. Presented a research titled “A Modern Machine Learning-Driven Framework for Lung Cancer Detection and Classification” at the IEEE International Conference on Sustainable Communication Networks and Applications, held from 15th–17th October 2025, hosted by Bharath Niketan Engineering College, Theni, in collaboration with IEEE Digital Xplore.2. Participated in a 12-week Faculty Development Program on “Machine Learning for Core Engineering Disciplines” (online Mode) organized by NPTEL –Indian Institute of Technology, Madras, from 24th July 2025 to 30th October 2025.3. Successfully completed NPTEL Online Certification (Elite) course on “Machine Learning for Core Engineering Disciplines” Conducted by IIT Madras through SWAYAM, funded by the Ministry of Education, Government of India (Jul- Oct 2025).4. Participated in an 8 day Face to Face UHV-II Faculty Development Program on organized by All India Council for Technical Education (AICTE) at Sri Venkateswara College of Engineering, Tirupati from 23th June to 30th June 2025.5. Completed an intensive online certification course program in “Getting Started with Deep Learning” through NVIDIA My Learning.

- 6. Completed the One-Week Faculty Internship Program on “AI-UNLEASHED” at Sri Ramakrishna Engineering College (Autonomous), Coimbatore.
- 7. Participated in a Three day webinar for active participation and successful completion of the IBM Qiskit Fall Fest 2025 organized by, November 17–19, 2025 at NIT Puducherry, Karaikal.

PROOF DETAILS

Name of the Faculty	Proof (Certificate Proof / Event Participation Proof with Captions)
Mr.N.Manikandan	



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MANIKANDAN N

for successfully completing the course

Machine Learning for Core Engineering Disciplines

with a consolidated score of **60 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jul-Oct 2025)

Roll No: NPTEL25GE77S1160200038

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2023

Mr.N.Manikandan



Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to

MANIKANDAN N

for successfully completing the course

Machine Learning for Core Engineering Disciplines

with a consolidated score of **60 %**

Online Assignments	24.06/25	Proctored Exam	35.5/75
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Total number of candidates certified in this course: **637**

Jul-Oct 2025

(12 week course)

Prof. L. Umanand
NPTEL Coordinator & Chair, Centre for Continuing Education, IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL25GE77S1160200038

To verify the certificate



No. of credits recommended: 3 or 4

Mr.N.Manikandan



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that **Mr. N Manikandan** from SSM Institute of Engineering and Technology **SSM Institute of Engineering and Technology, Dindigul** has participated and successfully completed the **8-day Face-to-Face UHV-II FDP** organized by **All India Council for Technical Education (AICTE)** at **Sri Venkateswara College of Engineering, Tirupati** from **23th June to 30th June 2025**.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Shyama Rath
Member Secretary, AICTE

Mr.N.Manikandan



Certificate of Competency

This certificate is awarded to

MANIKANDAN N

for demonstrating competence in the completion of
Getting Started with Deep Learning

Greg Estes
Vice President, NVIDIA

Mr.N.Manikandan

Mr.N.Manikandan



Mr.N.Manikandan



PRINCIPAL



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC & NBA)

(An Autonomous Institution)

Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Electrical and Electronics Engineering

Faculty Achievements

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP (List all the achievement in the Odd Semester)
1	Ms. S.Geethanjali	<ol style="list-style-type: none">1. I actively participated in a One-Day Online FDP on “Integration of Renewable Energy with Electric Mobility” conducted on 22nd August 2025 by the Department of EEE, SSM Institute of Engineering and Technology, Dindigul2. I participated and completed a One Week National Level Faculty Development Programme on “Recent Trends in AI – Text, Vision & Hardware Implementation Models” conducted from 28th August to 2nd September 2025, organized by Panimalar Engineering College in association with STEP–NIT Surathkal and Pantech Solutions Pvt. Ltd.3. I successfully completed the 12-week NPTEL-AICTE Faculty Development Programme course on “Optimization Theory and Algorithms” during July–October 2025, achieving a consolidated score of 58%, thereby strengthening my analytical and optimization problem-solving skills relevant to engineering applications.4. I actively participated in the Five days Faculty Training Programme on “ Empowering Engineering Educators with GenAI, Digitization and Future-Ready Pedagogies” organized by School of Computer Science and Engineering(SCOPE) at Vellore Institute of Technology, Chennai.5. I Successfully Completed a three credit certificate course on Counselling skills organized by the department of counselling psychology,St.Joseph’s College,Trichy.6. I successfully Completed a Three days AICTEapproved FDP on UHV –I (Universal Human Values-Offline) 3Days.

		<p>7. I have successfully participated and completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Advancements in IoT and AI for smart cities, green mobility and SDG driven urban transformation” at Study World College of Engineering.</p> <p>8. Acted as a Association Coordinator for “Blueprint for Success:The entrepreneurs Road map” dated 28.10.25.</p> <p>9. Acted as a Program Coordinator for “The Digital Transformation in Engineering Careers” dated 03.10.25.</p> <p>10. Acted as a Program Coordinator for “Orientation program for II year students” dated 23-07-2025 to 28-07-2025.</p> <p>11. Acted as a Program Coordinator for “Alumni Talk SeriesResource Person: Er. Vighneshwaran, Plant Engineer- L&T Neyveli” dated 25.07.25</p>
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SAMPLE PROOF DETAILS

Name of the Faculty	Proof (Certificate Proof / Event Participation Proof with Captions)
Ms. S.Geethanjali	










Cert No : PS-FDP-25-4427

CERTIFICATE OF PARTICIPATION

This is to certify that Ms.GEETHANJALI S

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

has actively participated and completed **One Week National Level Faculty Development Programme on Recent Trends on AI - Text , Vision & Hardware Implementation Models** from **28th Aug to 2nd Sep 2025**, Organized by the Department of ECE in **Panimalar Engineering College** in association with **STEP - NIT K , Surathkal & Pantech Solutions Pvt Ltd.**


SUBRAY HEGDE
 PROFESSOR INCHARGE
 STEP - National Institute of Technology
 Surathkal


DR.S.RAJAKUMAR,M.E.,PH.D.,
 PROFESSOR & HEAD/ECE
 Panimalar Engineering College


M.R.SENTHILKUMAR
 DIRECTOR
 Pantech Solutions Pvt Ltd

Ms. S.Geethanjali


NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)




This certificate is awarded to
GEETHANJALI S
 for successfully completing the course
Optimization Theory and Algorithms
 with a consolidated score of **54 %**


Prof. Andrew Thangaraj
 NPTEL Coordinator
 IIT Madras


 (Jul-Oct 2025)

Roll No: NPTEL25EE1375555600014
Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
 This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov, 2023, similar to other refresher / orientation courses.
 F.No. AICTE / RIFD / FDP through MOOCs / 2023

Ms. S.Geethanjali

Ms. S.Geethanjali



VIT
CHENNAI



Certificate of Participation

This certificate is proudly presented to Dr./Prof./Ms./Mr. *S.Geethanjali* from
..... *SSM Institute of Engineering and Technology, Dindigul*

for his/her active participation in the Faculty Training Programme (FTP) on “**Empowering Engineering Educators with GenAI, Digitization and Future-Ready Pedagogies**” organized in association with School of Computer Science and Engineering (SCOPE) from 1st December 2025 to 5th December 2025 at Vellore Institute of Technology, Chennai.

Dr. Suganya G

Coordinators

Dr. Sakthivel V

Dr. Prakash P

Dr. Viswanathan V

Dean-SCOPE

Dr. Sivakumar R

Dean-SPORIC

Dr. T. Thyagarajan

Pro-Vice Chancellor

VIT - A place to learn; A chance to grow

Ms. S.Geethanjali

ATAL/2025/1757088347



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that Miss GEETHANJALI S, Assistant Professor of SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Advancements in IoT and AI for smart cities, green mobility and SDG driven urban transformation at Study World College of Engineering from 08/09/2025 to 13/09/2025.

S Selvakumaran
Professor Level (AICTE Institute), Coordinator
Study World College of Engineering

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

Ms. S.Geethanjali



NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
GEETHANJALI S
for successfully completing the course
Optimization Theory and Algorithms

with a consolidated score of **54** %

Online Assignments	23.6/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **78**

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2025
(12 week course)

M. Vignesh
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



FREE ONLINE EDUCATION
swayam
एडुकेटिओन सेन्टर, इन्डियन इन्स्टीट्यूट ऑफ़ मद्रास

Roll No: NPTEL25EE137S555600014 To verify the certificate  No. of credits recommended: 3 or 4

Ms. S.Geethanjali



INSTITUTION
INNOVATION
COUNCIL
(Ministry of Education India)



SSM INSTITUTE OF
ENGINEERING
AND TECHNOLOGY

AN AUTONOMOUS INSTITUTION
Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai.
Accredited by NACC. Accredited by NBA (ECE, EEE, MECH)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
WELCOMES YOU TO JOIN
ELITE ASSOCIATION
Inauguration & Guest Lecture on
Blueprint for Success: The Entrepreneur's Roadmap

 **28.10.2025**  Seminar Hall I
 2.30pm to 4.00pm

*Mr.K.SARAVANAN M.E.M.A.,AMIE,
ENTREPRENEURSHIP EXPERT,
SOUTHERN REGIONAL OFFICE,
EDII,Bangalore*



Coordinator
Mrs.R.Ramya ,AP/EEE
Ms.S.Geethanjali ,AP/EEE

Convener
Dr.P.Siva Subramanian
AsP,Head/EEE

Principal
Dr.D.Senthil Kumaran

All are Invited



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Dindigul - Palani Highway, Dindigul - 624 002.

Department of Electrical and Electronics Engineering Organize

ALUMNI TALK

(Core Career Pathways)

RESOURCE PERSON



VIGNESHWARAN
Site Engineer
L&T

25 Jul 2025

11:45 AM

B Block-105 SSMIET Campus

Faculty Co-ordinators
Ms. S Geethanjali - AP/EEE
Mrs. R Ramya - AP/EEE

Department HoD
Dr. P Siva Subramanian

Principal
Dr. D Senthil Kumaran

..All Are Cordially Invited..

Ms. S.Geethanjali



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Dindigul - Palani Highway, Dindigul -624 002.

ORIENTATION PROGRAM

Department of Electrical and Electronics Engineering

23.07.2025 - 28.07.2025



WELCOME TO EEE DEPARTMENT



FACULTY INCHARGES
Ms.S.GEETHANJALI - AP/EEE
Mrs.R.RAMYA - AP/EEE

HoD - EEE
Dr.P.SIVA SUBRAMANIAN

PRINCIPAL
Dr. D. SENTHIL KUMARAN

Ms. S.Geethanjali



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Dindigul - Palani Highway, Dindigul - 624 002.



Department of Electrical and Electronics Engineering
In Association With
Institution Innovation Council Organizes an

ALUMNI TALK

(BIM- The Digital Transformation in Engineering Careers)

RESOURCE PERSON



Mr. K KESAVAN

Senior BIM/ MEP ENGINEER & COORDINATOR
Pinnacle infotech solution



03 Oct
2025



12:00
PM



Video Conference Hall
SSMIET Campus

Faculty Co-ordinator
Ms. S Geethanjali - AP/EEE

Department HoD
Dr. P Siva Subramanian

Principal
Dr. D Senthil Kumaran

..All Are Cordially Invited..

Ms. S.Geethanjali

PRINCIPAL



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(An Autonomous Institution)

Dindigul – Palani Highway, Dindigul 624 002

INTERNAL QUALITY ASSURANCE CELL - IQAC

Department of Electrical and Electronics Engineering

Faculty Achievements

Academic Year: 2025 -26

Semester: ODD

S. No	Name of the Faculty	Faculty Participation, Presentation (Conferences) / Industry Connect / Certifications / QIP / FDP (List all the achievement in the Odd Semester)
1	Ms. M. Aishwarya	<ol style="list-style-type: none">1. I actively participated in a One-Day Online FDP on “Integration of Renewable Energy with Electric Mobility” conducted on 22nd August 2025 by the Department of EEE, SSM Institute of Engineering and Technology, Dindigul2. I participated and completed a One Week National Level Faculty Development Programme on “Recent Trends in AI – Text, Vision & Hardware Implementation Models” conducted from 28th August to 2nd September 2025, organized by Panimalar Engineering College in association with STEP–NIT Surathkal and Pantech Solutions Pvt. Ltd.3. I successfully completed the 12-week NPTEL-AICTE Faculty Development Programme course on “Optimization Theory and Algorithms” during July–October 2025, achieving a consolidated score of 58%, thereby strengthening my analytical and optimization problem-solving skills relevant to engineering applications.4. I actively participated in the Five days Faculty Training Programme on “ Empowering Engineering Educators with GenAI, Digitization and Future-Ready Pedagogies” organized by School of Computer Science and Engineering(SCOPE) at Vellore Institute of Technology, Chennai.5. I Successfully Completed a three credit certificate course on Counselling skills organized by the department of counselling psychology, St.Joseph’s College,Trichy.6. I successfully Completed a Three days AICTEapproved FDP on UHV –I (Universal Human Values-Offline) 3Days.

		<p>7. I have successfully participated and completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Advancements in IoT and AI for smart cities, green mobility and SDG driven urban transformation” at Study World College of Engineering.</p>
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SAMPLE PROOF DETAILS

Name of the Faculty	Proof (Certificate Proof / Event Participation Proof with Captions)
<p>Ms. M. Aishwarya</p>	

Ms. M.
Aishwarya

 **Pantech e Learning**
DIGITAL LEARNING SIMPLIFIED

 **IEEE**
Advancing Technology
for Humanity

 **STEP**
Science & Technology Entrepreneurs' Park

 **PANIMALAR**
ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
COUNSELLING CODE 1210

Cert No : PS-FDP-25-4880

CERTIFICATE OF PARTICIPATION

This is to certify that Ms.AISHWARYA M
SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

has actively participated and completed **One Week National Level Faculty Development Programme on Recent Trends on AI - Text , Vision & Hardware Implementation Models** from **28th Aug to 2nd Sep 2025**, Organized by the Department of ECE in **Panimalar Engineering College** in association with **STEP - NIT K , Surathkal & Pantech Solutions Pvt Ltd.**


SUBRAY HEGDE
PROFESSOR INCHARGE
STEP - National Institute of Technology
Surathkal


DR.S.RAJAKUMAR, M.E., PH.D.,
PROFESSOR & HEAD/ECE
Panimalar Engineering College


M.R.SENTHILKUMAR
DIRECTOR
Pantech Solutions Pvt Ltd
PEE-FDP-25-5098

Ms. M.
Aishwarya

 **NPTEL ONLINE CERTIFICATION**
(Funded by the MoE, Govt. of India)

 **Skill India**
कौशल भारत - कुशल भारत

This certificate is awarded to
AISHWARYA M
for successfully completing the course
Optimization Theory and Algorithms

with a consolidated score of **58** %

Online Assignments	23.91/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **78**


Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2025
(12 week course)


Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

 Indian Institute of Technology Madras

 **swayam**
FREE ONLINE EDUCATION
एनपीटीईल नैरेक, डीजल नैरेक

Roll No: NPTEL25EE137S662300193 To verify the certificate  No. of credits recommended: 3 or 4

Ms. M.
Aishwarya

ATL/2025/1757088364



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi -110070
AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that Miss Aishwarya M, Assistant Professor of SSM Institute of Engineering and Technology has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Advancements in IoT and AI for smart cities, green mobility and SDG driven urban transformation at Study World College of Engineering from 08/09/2025 to 13/09/2025.


S Selvakumaran
Professor Level (AICTE Institute), Coordinator
Study World College of Engineering


Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

Ms. M.
Aishwarya



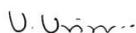
VIT CHENNAI

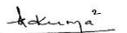
Certificate of Participation

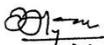
This certificate is proudly presented to Dr./Prof./Ms./Mr. M.Aishwarya from
..... SSM Institute of Engineering and Technology, Dindigul

for his/her active participation in the Faculty Training Programme (FTP) on **“Empowering Engineering Educators with GenAI, Digitization and Future-Ready Pedagogies”** organized in association with School of Computer Science and Engineering (SCOPE) from 1st December 2025 to 5th December 2025 at Vellore Institute of Technology, Chennai.

  
Dr. Suganya G | Dr. Sakthivel V | Dr. Prakash P
Coordinators


Dr. Viswanathan V
Dean-SCOPE


Dr. Sivakumar R
Dean-SPORIC


Dr. T. Thyagarajan
Pro-Vice Chancellor

VIT - A place to learn; A chance to grow

PRINCIPAL