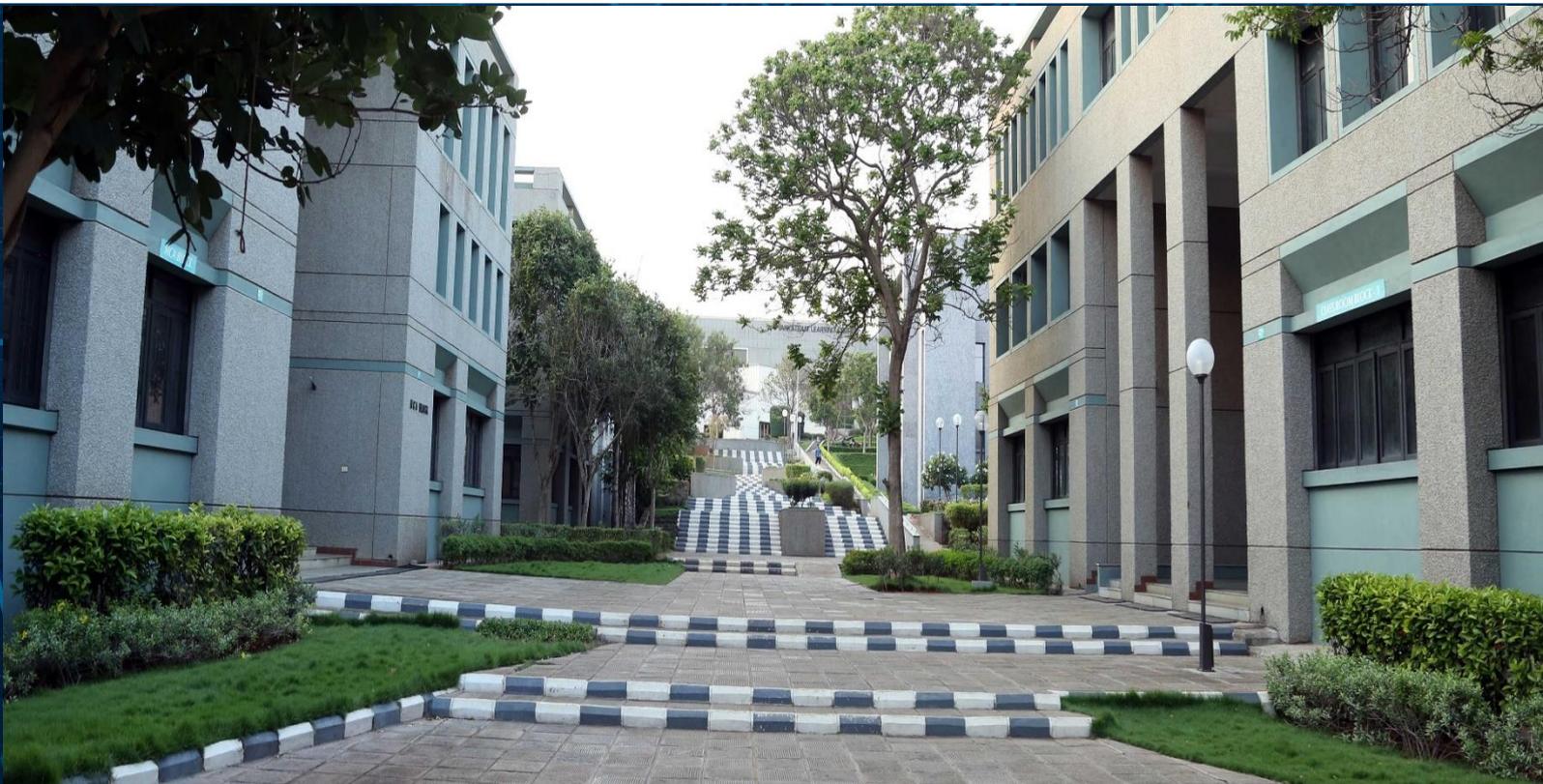# SKCET Buzz

**3rd - 9th MAY 2025**

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**Principal**
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HAPPY READING

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**STUDENTS CERTIFICATION**

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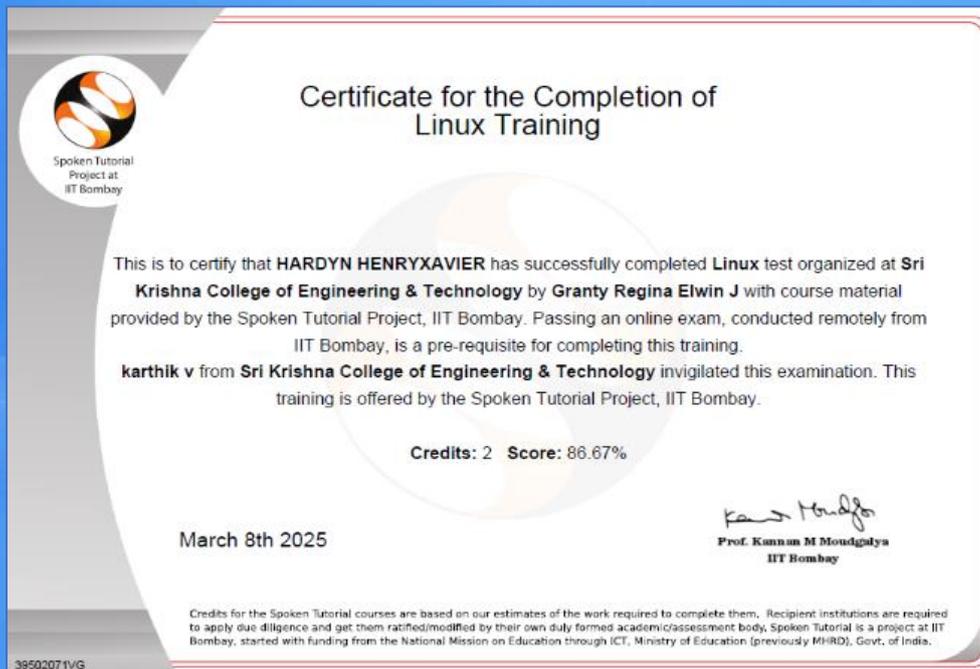#skcetofficial

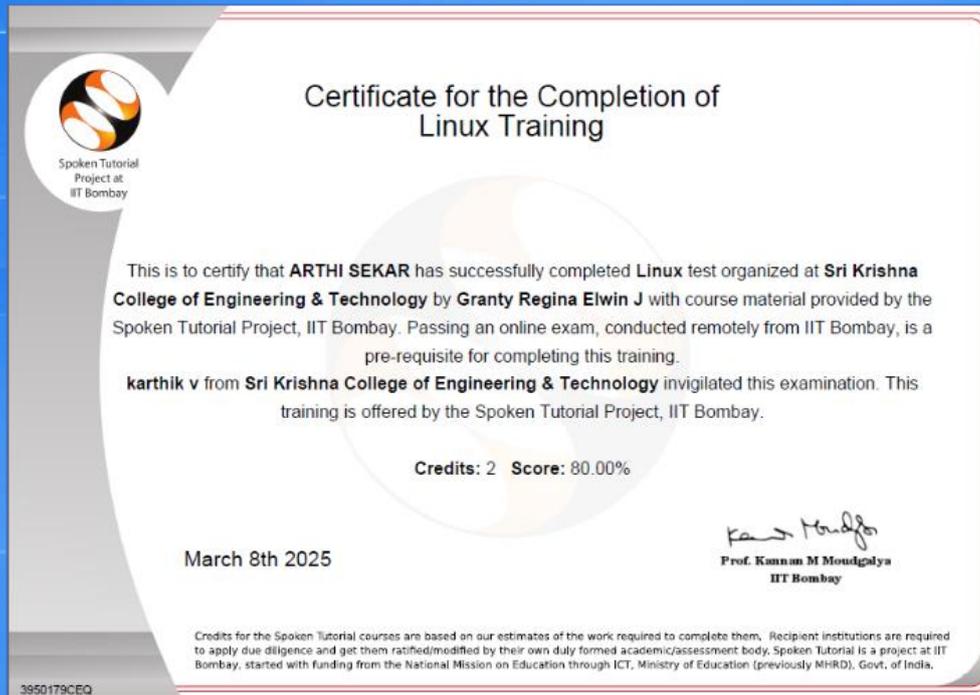#skcetofficial

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# ECE | LINUX TEST CERTIFICATION





**S Arthi, HendyXavier, K Gowri Shankar,** students of **ECE** Department have successfully completed a certification on **Linux** offered by Spoken Tutorial Project, IIT Bombay.

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# SKCET Buzz

## EVENTS

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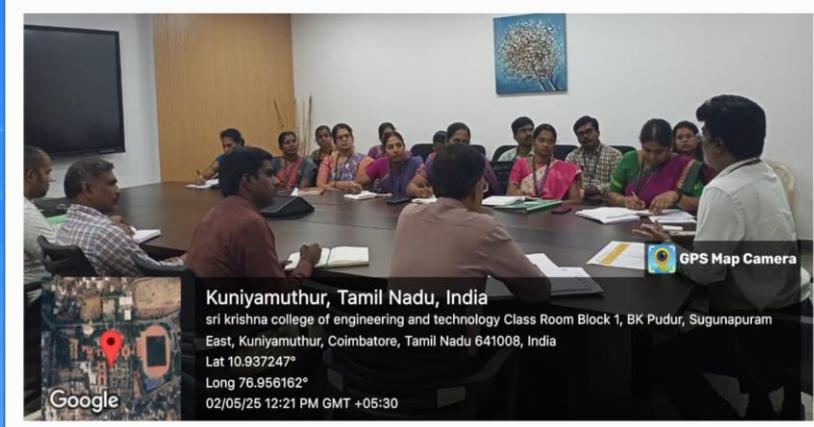**#skcetofficial**

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# EEE | RESEARCH PROGRESS REVIEW MEETING



A Research Progress Review Meeting was convened on 02.05.2025, under the guidance of **Dr. K. Porkumaran,** Principal to assess the current **R&D publication status** of the Department of **EEE** and to chart strategic directions for research advancement in the upcoming semester. The **commendable high-impact publications** authored by the faculty members were duly acknowledged and appreciated.

**Key Points Discussed:**
Focus on publishing in **high-impact Q1 and Q2 journals** to enhance research visibility and quality. Launch of a **Research Seminar Series** to promote interdisciplinary knowledge exchange and academic discourse, Strengthening of **Research Cluster Meetings** to foster collaboration and drive focused research outcomes, Encouragement for faculty to apply for **funded research projects** under national and international funding agencies, Systematic monitoring and mentoring of research activities to align with departmental **thrust areas.**
Promotion of **patent filings and IPR awareness workshops** to cultivate a culture of innovation, Facilitation of collaborative research with **industry partners and global academic institution,** Integration of research components into the curriculum through **project-based learning models,** Motivation to submit quality papers in the **upcoming IEEE Conference** jointly organized by the Departments of ECE and EEE.

**Dr. P. Ashoka Varthanan,** Dean - Innovation, **Dr. K. C. Ramya,** Head of the Department, EEE, along with the faculty members of the department, actively participated in the review meeting.

# CIVIL | ONE WEEK NITTTR PDP – DAY 1



**SKCET** organized a Professional Development Program for the empowerment of faculty members on **"GIS Applications in SMART City Development as a Remote Centre of NITTTR,** Chennai under the Ministry of Education, Government of India from 05.05.2025 to 09.05.2025

**Inaugural Session** - Dr. S. Bhagavathi Perumal, Professor and Dean, Hostels and Academic Affairs, welcomed the gathering with his elegant Tamil quotes. **Dr. K. Porkumaran**, **Principal**, SKCET, delivered the Presidential address by highlighting the mission of NITTTR and SKCET in faculty empowerment. Further, he emphasized that this Professional Development Programme results from an MoU signed by SKCET with NITTTR, Chennai.

**Session 2 - Smart City Planning - An Overview**
- Dr. E.S.M. Suresh, Professor, Civil, NITTTR extension centre, Cochin, started the session by interacting with all participants.

**Session 3** - **Introduction to Geographical Information Systems**
- Dr. K.S.A. Dinesh Kumar, Professor, Civil, NITTTR, Chennai, started the session by introducing the basic concepts of GIS.

**Session 4 - Hands - on Practice - Map creation & Editing**
- Dr. K.S.A. Dinesh Kumar, Professor, Civil, NITTTR, Chennai, started the session by introducing the basic concepts of GIS.

# CIVIL | ONE WEEK NITTTR PDP – DAY 2





Dr. E S.M. Suresh, Professor, Civil, NITTTR extension centre, Cochin, started the session by inviting the participants to share the key concepts they had learnt in the previous day from the sessions. Further, the expert began the session with an interesting case study.

**Session 1** - Geographical Information System - An Overview
**Session 2** - Basics of the Global Positioning System (GPS)
**Session 3** - Global Navigation Satellite System (GNSS)
**Session 4** - Hands - on Practice with Global Navigation Satellite System (GNSS)

# CIVIL | ONE WEEK NITTTR PDP – DAY 3



**Session 1 -** Applications of IoT in Smart Cities
**Session 2 -** QGIS - Hands-on Practice
**Session 3 –** Visit to Coimbatore Corporation

**Session Takeaways:**
- SUEZ 24x7 water supply scheme
- Use of GIS for water supply network
- Real-time use of GIS for observing the attributes of water supply
- Extension of 24x7 water supply scheme
- Water quality checks during and after the supply

# SKCET Buzz

## PLACEMENT AND TRAINING

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# EEE | PLACEMENT TESTIMONIALS

As I embark on this exciting new chapter, I wish to extend my sincere gratitude to the Head of the Department, year coordinator, tutors and the faculty members of EEE department who provided me with unwavering support and guidance, which have been instrumental in helping me achieve my goals. Their dedication has played a crucial role in securing a position at Accenture Pvt. Ltd. This achievement is a testament to the excellent education and experiences I've been fortunate to receive. As I step into this new role, I am filled with both enthusiasm and humility, ready to embrace the opportunities ahead. With the continued support of my mentors and peers, along with the knowledge I've gained, I am eager to contribute meaningfully to society and grow professionally. Thank you once again for being an essential part of my journey and helping me to reach this milestone.

**RISIKA M**

**EEE (2025 Batch)**

**ACCENTURE Pvt Limited**

# SKCET | PLACEMENT TESTIMONIALS

I am Bharanidharan from the Mechatronics Engineering department, batch 2021–2025. I joined Sri Krishna College of Engineering and Technology, Coimbatore, in 2021 with a dream to explore, learn, and grow, SKCET has played a pivotal role in shaping that journey. From the moment I stepped onto campus, I was struck by the vibrant learning environment, state-of-the-art facilities, and the dedication of the faculty.

Throughout these years, SKCET provided me with countless opportunities to develop both technically and personally — from hands-on projects and technical workshops to leadership roles and extracurricular activities. The rigorous aptitude and technical training provided from the second year onward, combined with the unwavering support of the placement team, were key in helping me secure three incredible offers: Psiog Digital (where I am currently working as a Software Development Engineer Intern with a full-time offer), TCS and Capgemini.

Securing offers from two leading MNCs alongside my current role has been a deeply rewarding experience, and it reflects the high standard of education and preparation we receive at SKCET. I am profoundly grateful to my parents, friends, dedicated faculty, my tutor, guide, HOD, the placement team, and our esteemed Principal for their constant encouragement and belief in me.

Choosing SKCET has been one of the best decisions of my life, and I am proud to be part of an institution that not only shapes careers but also nurtures dreams and potential.

**BHARANIDHARAN J**

**MCT**

**TCS AND CAPGEMINI**

# SKCET | PLACEMENT TESTIMONIALS

I am Srigayathri J P, final year student of Civil Engineering 2021 – 2025 batch. My journey at SKCET has been a transformative experience, filled with immense learning and growth. The unwavering support and mentorship of the faculty played a pivotal role in shaping my academic and professional development. Their guidance enhanced my technical skills and core knowledge. The department's emphasis on both conceptual understanding and hands-on learning equipped me with the confidence and competence to secure placement in core companies. I am especially thankful to the placement cell for their efforts in securing my placement at **Aarbee Structures Pvt Ltd**. I am deeply grateful to the SKCET Management, Principal, and the entire faculty for their encouragement, exceptional learning environment, and the countless opportunities that have made my college journey truly memorable.

**SRIGAYATHRI J P**

**CIVIL**

**AARBEE STRUCTURES Pvt Ltd.**

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## RESEARCH AND DEVELOPMENT

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# R&D | PAPER PUBLICATION | ECE



**Dr.V.Nandalal**, Professor, Department of **ECE** has presented and published a conference paper "**Navigating autism detection and guided growth with machine learning**" at the International Conference on Innovations in Robotics, Intelligent Automation and Control (ICIRIAC 2024). It is a Scopus Indexed Conference.

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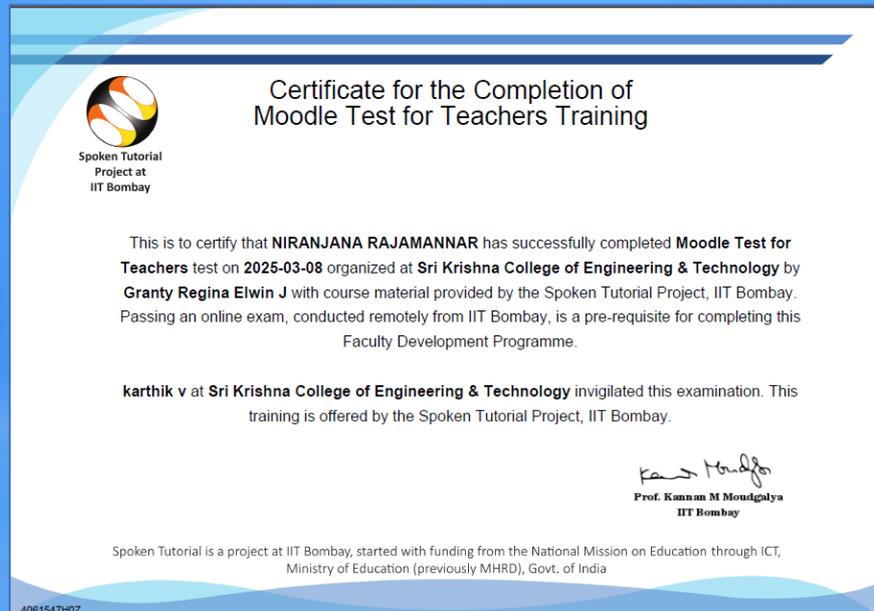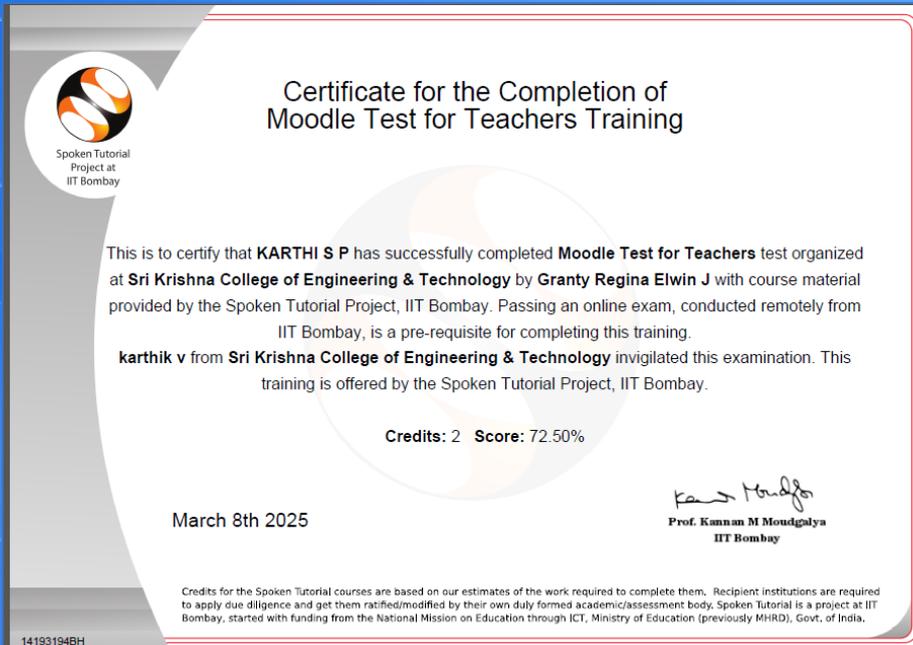Feedback@
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# ECE | FACULTY CERTIFICATION





**Mr S P Karthi** and **Ms R Niranjana**, Assistant Professors of **ECE** Department have successfully completed certification on "**Moodle Test for Teachers**" offered by Spoken Tutorial Project, IIT Bombay.

# CIVIL | NPTEL CERTIFICATION



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

This certificate is awarded to
**MUTHUPRIYA P**
for successfully completing the course

**Outcome Based Pedagogic Principles for Effective Teaching**

with a consolidated score of **64** %

| Online Assignments | 22.5/25 | Proctored Exam | 41.51/75 |

Total number of candidates certified in this course: 1021

Feb-Mar 2025
(4 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

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

Indian Institute of Technology Kharagpur

Roll No: NPTEL25GE37S643601370 | To verify the certificate | No. of credits recommended: 1 or 2

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

This certificate is awarded to
**P SARAVANAKUMAR**
for successfully completing the course

**Advanced Topics in Science and Technology of Concrete**

with a consolidated score of **73** %

| Online Assignments | 17.42/25 | Proctored Exam | 55.5/75 |

Total number of candidates certified in this course: 280

Feb-Mar 2025
(4 week course)

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

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CE64S443600768 | To verify the certificate | No. of credits recommended: 1 or 2

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

This certificate is awarded to
**DR G MANJULA**
for successfully completing the course

**Basic Construction Materials**

with a consolidated score of **60** %

| Online Assignments | 17.78/25 | Proctored Exam | 42.5/75 |

Total number of candidates certified in this course: 1216

Jan-Apr 2025
(12 week course)

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

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CE07S643604407 | To verify the certificate | No. of credits recommended: 3 or 4

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

This certificate is awarded to
**BOOBALAN S C**
for successfully completing the course

**Advanced Topics in Science and Technology of Concrete**

with a consolidated score of **88** %

| Online Assignments | 22.25/25 | Proctored Exam | 66/75 |

Total number of candidates certified in this course: 280

Feb-Mar 2025
(4 week course)

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

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CE64S343602215 | To verify the certificate | No. of credits recommended: 1 or 2

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

This certificate is awarded to
**HEMAVATHI R**
for successfully completing the course

**Basic Construction Materials**

with a consolidated score of **51** %

| Online Assignments | 16.94/25 | Proctored Exam | 33.75/75 |

Total number of candidates certified in this course: 1216

Jan-Apr 2025
(12 week course)

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

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CE07S543602211 | To verify the certificate | No. of credits recommended: 3 or 4

# CIVIL | NPTEL CERTIFICATION

Following faculty members have completed NPTEL course organized by various IITs.

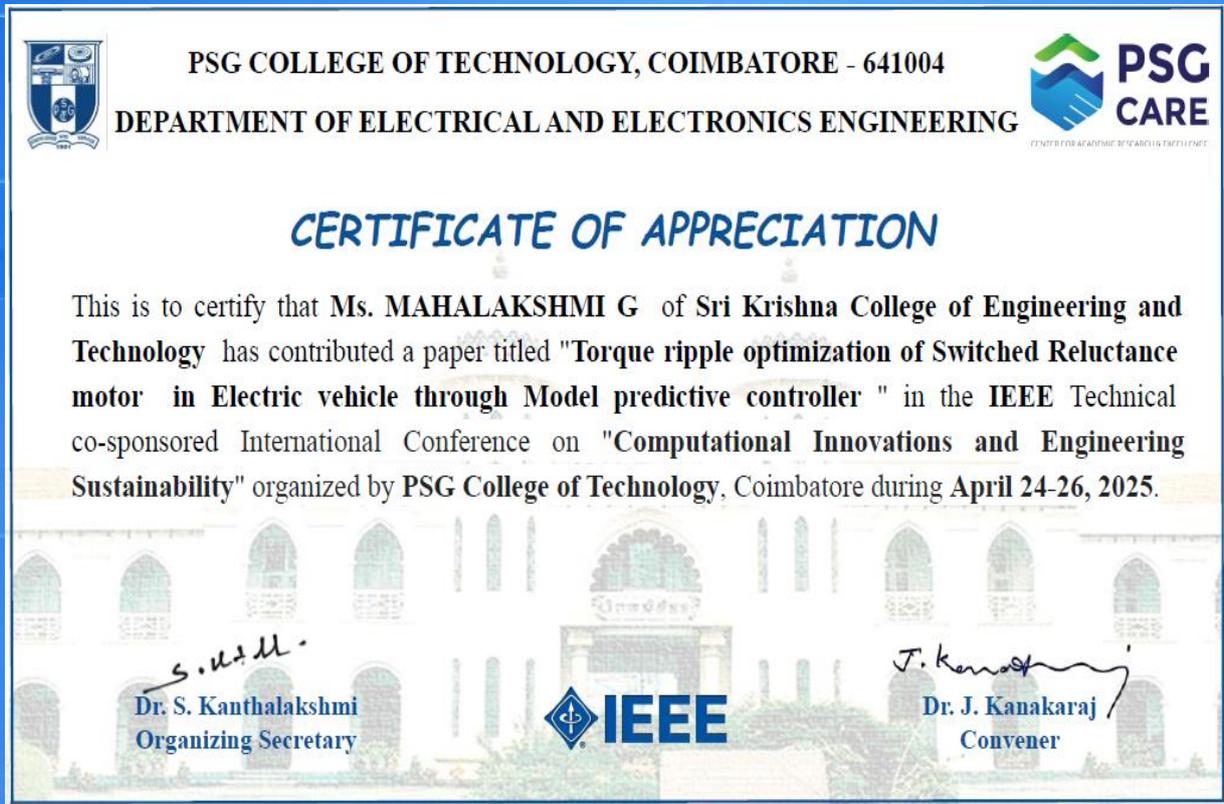| Faculty Name | Name of the course | Name of the organizing IIT | Score | No of weeks |
|---|---|---|---|---|
| Dr. P. Muthupriya | Outcome-Based Pedagogic Principles for Effective Teaching | IIT, Kharagpur | 64% | 4 weeks |
| Dr. P. Saravanakumar | Advanced Topics in Science and Technology of Concrete | IIT, Madras | 73% | 4 weeks |
| Dr. G. Manjula | Basic Construction Materials | IIT, Madras | 60% | 12 weeks |
| Mr. S. C. Boobalan | Advanced Topics in Science and Technology of Concrete | IIT, Madras | 88% | 4 weeks |
| Ms. R. Hemavathi | Basic Construction Materials | IIT, Madras | 51% | 12 weeks |

CONFERENCE PRESENTATION

# EEE | CONFERENCE PRESENTATION



**Dr.T. Kokilavani,** Associate Professor, **EEE** Department along with **K.Varssha, S.Priyanka, G.Ritika, M.Risika** students of Final year EEE have presented and published a paper entitled "**Battery Health Prediction and Self-Healing using XGboost and PWM**" in the International Conference on Sustainable Air and Space Technologies (ICSAST 2025) held on 25 & 26 April 2025 at Karunya Institute of Technology and Sciences, Coimbatore.

# EEE | CONFERENCE PRESENTATION



**Ms.G.Mahalakshmi,** Assistant Professor, **EEE** Department has presented research paper entitled **"Torque Ripple Optimization of Switched Reluctance Motor in Electric Vehicle Through Model Predictive Controller"** in the **IEEE** Technical co-sponsored International Conference on **"Computational Innovations and Engineering Sustainability"** organized by Department of Electrical and Electronics Engineering, PSG College of Technology, Coimbatore during April 24th and 26th 2025.