SKCET Buzz

10th May - 16th May 2025

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INSTITUTIONAL

EVENTS

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NASSCOM & SKCET | EMBEDDED SYSTEMS FACULTY, STUDENTS TRAINING

Dr. K. Porkumaran, Principal warmly welcomed and had an insightful discussion regarding Embedded Systems training for Faculty and Students with **Mr.Sathish D V, Deputy Director - ER&D, Nasscom**

Mr.Sathish D V, Deputy Director - ER&D, Nasscom interacted with Embedded systems trained Faculty and students regarding opportunities in Embedded domain for ECE, EEE students.

Meeting Highlights:

- Capstone projects focusing on Embedded System Testing.
- FDP for ECE, EEE Engineering faculty in the Embedded System domain.
- Faculty Internship program at R&D division.
- 5th / 6th semester embedded System electives for students.
- Embedded systems' role in modern connected environments – smart devices, edge computing, and IoT.
- Roadmap for setting up an Embedded Systems Innovation Lab and MoU.

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STUDENTS PROGRESSION

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EEE | TNSCST STUDENT PROJECT SCHEME 2024-25 RESULTS!

| 779. | Mr.Muthukumar K, Associate Professor, Electrical and Electronics Engineering, Sri Krishna College of Enginering and Technology, Kuniamuthur, Coimbatore - 641 008 | A Comprehensive Infant Monitoring System | Sreenidhi A, Shreemathy R, Silvester S, Kungumaraj M | EEE-229 | 7500 |
| 329. | Mr.S.Karthikeyan Assistant Professor Dept of EEE Sri Krishna College of Enginering and Technology, Kuniamuthur, Coimbatore - 641 008 | Design and development of solar enhanced air purifier for rural development | Nithish U Sanjay S Sibiraj T Vishnu J | ES-144 | 5850 |

Two student teams from the **Department of Electrical and Electronics Engineering** have been selected for funding under the **Tamil Nadu State Council for Science and Technology (TNSCST) - Student Project Scheme (SPS) 2024-25.** The teams have been awarded grants of **Rs. 7,500/- and Rs. 5,850/-** respectively for their innovative project proposals.

#Team 1: Department of EEE (EEE-229)
Project Title: A Comprehensive Infant Monitoring System
Team Members (2025 Batch):
Sreenidhi A, Shreemathy R, Silvester S, Kungumaraj M
Faculty Mentor: Dr. K. Muthukumar, Associate Professor/EEE

#Team 2: Department of EEE (ES-144)
Project Title: Design and development of solar enhanced air purifier for rural development
Team Members (2025 Batch):
Nithish U, Sanjay S, Sibiraj T, Vishnu J
Faculty Mentor: **Mr. S.Karthikeyan,** Assistant Professor/EEE

CIVIL | TNSCST STUDENT PROJECT SCHEME 2024-25

588.	Dr.P.Muthupriya, Professor and Head/Civil Sri Krishna College of Enginering and Technology, Kuniamuthur, Coimbatore - 641 008	Use of E-Waste and Glass Powder in Concrete for Sustainable Development	Hariharan K, Kavinraj R.S., S Mukesh Kumar,	ECV-74	7500
330.	Dr. S. Sadheesh Assistant Professor Dept of Civil Engineering Sri Krishna College of Enginering and Technology,	Designing a small scale solar powered desalination unit	Arockia Abinaya J Sreeram N M Srigayathri J P	ES-315	7500

Two student teams from the Department of **Civil** Engineering have been awarded a grant of 7500 under the Tamilnadu State Council for Science and Technology (TNSCST)- Student Project Scheme 2024-25.

1) **Project Title: Use of E- waste and glass powder in concrete for sustainable development**
   Team members: Hariharan K, Kavinraj RS, S. Mukesh Kumar
   Mentor: Dr. P. Muthupriya, Professor and Head, Civil Engineering Department.

2) **Project Title: Designing a small scale solar powered desalination unit**
   Team members: Arockia Abinaya J, Sreeram NM, Srigayathri JP
   Mentor: Dr. S. Sadheesh, Assistant Professor, Civil Engineering Department.

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CIVIL | DAY 4 AND 5 OF ONE WEEK NITTTR PDP

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.

The participants were given hands-on practice on GNSS and mapping using QGIS integrated with Google Earth. The QGIS software was useful for creating, editing, visualizing, analyzing, and publishing geospatial information. The sessions have provided valuable insights of application of GIS in SMART city development.

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PLACEMENT AND TRAINING

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EEE | TESTIMONIAL BY PLACED STUDENTS

As I prepare to step into this exciting new phase of my career, I want to express my sincere gratitude to the Head of the Department (HOD) Dr.K.C. Ramya, 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. The education and experiences I gained here, have been invaluable in shaping my career path. The support from my department and the entire college community helped me to pursue my goals, and I now look forward to applying everything I've learned in my professional journey. Thank you to everyone who has been part of this incredible experience.

**SABAREESHWARI K
EEE (2025 BATCH)
ACCENTURE**

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FACULTY CERTIFICATIONS

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EEE | PDP ON NBA ACCREDITATION PROCESS FOR UG & PG PROGRAMS

Dr.S.Sivaranjani, Professor, **Dr.B.Karthikeyan,** Associate Professor & **Dr.N.Loganathan,** Assistant Professor, **EEE** Department have participated in the Professional Development Program on "**NBA Accreditation Process for UG and PG Programs"** from 28-04-2025 to 02-05-2025 organized by NITTTR Extension Centre, Kalamassery.
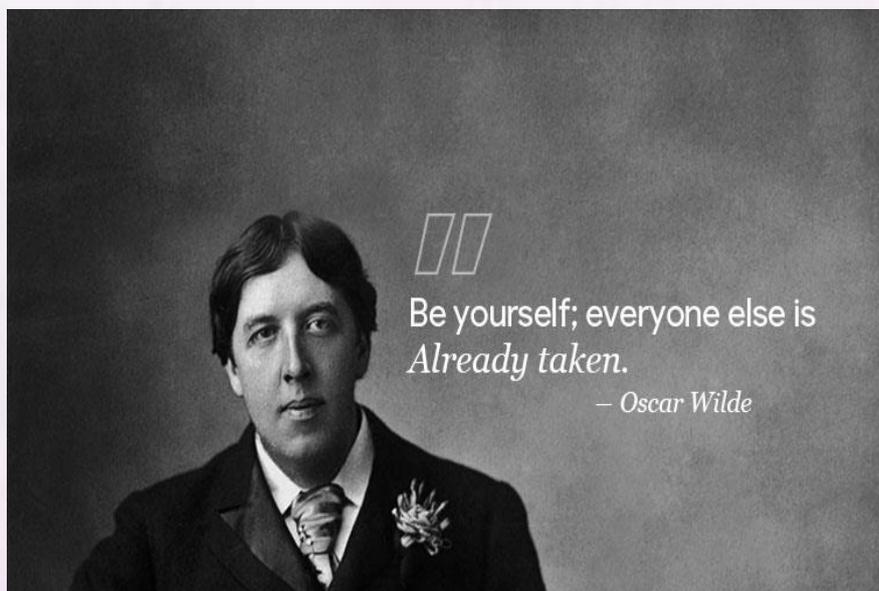
AI & DS | FACULTY DEVELOPMENT PROGRAM

Mr.A.Wasim Raja, Dr.K.Balaji, Mr.S.Senthil Kumar and **Mr.G.S.Pugalendhi**
Assistant Professors, **AI&DS** have participated in the 5 days National Level Faculty Development Programme on **"The Foundations and Future of quantum Computing"** organized by AIML department held at Sairam College of Engineering from 05.05.2025 to 09.05.2025.

AI & DS | NITTTR PDP

Dr.K.Balaji, Assistant Professor, **AI&DS**, have participated in the NITTTR Professional Development Programme on **"GIS Applications in SMART City Development"** from 05.05.2025 to 09.05.2025 at Sri Krishna College of Engineering and Technology, Coimbatore.

LEGENDARY INSIGHT

Be yourself; everyone else is *Already taken.*

— *Oscar Wilde*

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CONFERENCE PRESENTATION

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EEE | IEEE CONFERENCE PRESENTATION

Mr.R. Kavin, Assistant Professor, **EEE** Department along with **V.G Kousik Kumar, S.Aarruran, K.Athi Kesavan, T.Aravindhan** Students of Final EEE have presented and published a paper entitled "**Automated Emergency Response System Using AI-Driven Patient Monitoring, Surveillance and Drug Delivery**" in the Fourth International Conference on Smart Technologies, Communication and Robotics 2025 (IEEE-STCR 2025) held on 09 & 10 May 2025 at Bannari Amman Institute of Technology, Sathyamangalam.