



PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH
(An Autonomous Institution)
Coimbatore - 641 062



Department of Electronics and Communication Engineering



DRDO Sponsored
Three day National Seminar on



Advancements in VLSI for Biomedical and Defence Applications

June 23 - 25, 2025

ABOUT THE INSTITUTION

PSG Institute of Technology and Applied Research (PSG iTech), started in the year 2014 by PSG and Sons' Charities, is an autonomous institution, approved by AICTE and affiliated to Anna University, Chennai. This institution is equipped with Centers of Excellence such as Innovation Centre, NI Graphical System Design Centre, Keysight (RF Circuit & System Design) Lab, FESTO Lab, IoT, CISCO Network Academy and eYantra Lab.

ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering strives to produce top-notch engineers with global competence for industry, research and academia. Department of ECE serves the undergraduate students through a team of dedicated faculty members who are committed to teaching and research in the areas of signal processing, electronic circuit design, communication systems, VLSI and embedded system design, quantum technologies, machine learning and Internet of Things (IoT).

SEMINAR HIGHLIGHTS

This seminar will focus on the latest trends and innovations in VLSI technology. It will focus on applications such as medical imaging, wearable healthcare technology, and real-time defence analytics. The event will feature expert talks, lectures, and interactive sessions covering topics such as VLSI architectures, AI/ML-driven designs, Biomedical VLSI systems and secure cryptographic hardware.

KEY SPEAKERS / RESOURCE PERSONS

This seminar will feature lectures and discussions led by renowned experts from prestigious academic institutions, industries and defence organizations.

ORGANIZING COMMITTEE

CHIEF PATRON

Shri L Gopalakrishnan
Managing Trustee, PSG Institutions

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Mr R RajaRaja
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Dr K Paldurai
Asst. Professor (Selection Grade)
Dept. of ECE, PSG iTech

Contact: 8870002616, 7010868329

REGISTRATION DETAILS

Faculty/Research Scholars : Rs. 750/-
Industry Personnel: Rs. 1500/-

Registration shall be done through

<https://tinyurl.com/psg-ece>

Registration deadline: **15 June, 2025**

WHO CAN PARTICIPATE?

Faculty members of engineering institutions, research scholars & industry personnel.