

PSG COLLEGE OF TECHNOLOGY, COIMBATORE
Department of Electronics and Communication Engineering

IEEE Technically Co-Sponsored Second International Conference on Intelligent Innovations in Engineering and Technology (ICIET 2025)

IEEE Technically Co-Sponsored Second International Conference on Intelligent Innovations in Engineering and Technology (ICIET 2025) was held during December 4-6, 2025 as a part of Platinum Jubilee Celebrations of the Institution. ICIET 2025 served as a prestigious global forum bringing together leading academicians, researchers, industry experts, and student innovators.

Two pre-conference workshops were conducted on December 4, 2025 under the following titles:

1. AI for Digital VLSI Design and Verification
2. IIoT & Digital Twin Technology for Factory Automation.

The workshops were handled by industry experts from Texas Instruments (India), Bangalore, FANUC India and Grow iTech, Coimbatore. Around 80 participants participated in the Workshops.

The conference commenced with an Inaugural Ceremony on December 5, 2025, with Mr. Sandeep Oswal, TI Senior Fellow, Technologist and Signal Chain Architect, Texas Instruments Bengaluru as Chief Guest and Dr. Shanmuganathan Raman, Professor and Head, Department of Computer Science and Engineering, Indian Institute of Technology, Gandhinagar as Guest of Honor and Dr. K. Prakasan, Principal, PSG College of Technology who presided over the function.

Dr. K. Prakasan emphasized the importance of understanding the historical evolution of technologies by citing the evolution of communication as an example that has paved the way for numerous innovations today. Mr. Sandeep Oswal highlighted that technological innovation is rooted in a strong grasp of fundamental concepts, which students must thoroughly learn during their engineering education. Dr. Shanmuganathan Raman explained the growing significance of AI and Generative AI in domains such as healthcare, electronic manufacturing, and computer vision.

The conference featured seven keynote sessions and twenty technical presentation sessions held during December 5 and 6. The keynote addresses were delivered by the following Experts:

Mr. Sandeep Oswal, TI Senior Fellow, Technologist and Signal Chain Architect, Texas Instruments, Bengaluru,

Dr. Ramesh Bansal, Professor, University of Sharjah, UAE,

Dr. Wasif Naseem, Professor, Queen's University Belfast, Belfast, Northern Ireland,

Dr. Fatih Porikli, Vice President, Qualcomm, USA,

Dr. Parag Paul, Founder and Architect, RIG AI, USA,

Dr. S. Sundar Kumar Iyer, Professor, IIT, Kanpur,

Dr. Sabarimalai Manikandan, Associate Professor, IIT Palakkad.

The conference received 1100 technical papers from across globe, which underwent double-blind review process. A total of 155 papers were selected for presentation, including 40 international submissions. The selected papers are submitted to IEEE for publication in IEEE Xplore which is Scopus indexed.

The conference was formally concluded with the valedictory function, with Dr. M. Saravanan, Principal Researcher, Ericsson Research India, Chennai as the Chief Guest and Dr. R. Nadarajan, Dean-Placement and Training, PSG College of Technology presiding over the function. Best papers selected from the technical presentation sessions were awarded during the valedictory ceremony. Dr. V. Krishnaveni, Professor and Head, Department of ECE, proposed the vote of thanks during the valedictory function.

Conference Photos:

Inauguration of Pre-Conference Workshop on 4th December 2025



Felicitation of the Chief Guest Mr. Guha Lakshmanan, Texas Instrument (India) by Dr. B. Vinod, Professor and Head, Department of Robotics and Automation Engineering, PSG College of Technology



Inauguration of the International Conference (ICIET 2025) on 5th December 2025



Releasing the Souvenir of the Conference by Dr. K. Prakasan, Principal, PSG College of Technology and the First copy was received by Dr. R. Rudramoorthy, Director, PSG CARE.

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Intelligent Innovations in Engineering and Technology 2025**



Chief Guest Address by Mr. Sandeep Oswal, TI Senior Fellow, Technologist and Signal Chain Architect, Texas Instruments Bengaluru



Valedictory Function of the International Conference (ICIET 2025) on 6th December 2025



Vote of Thanks by Dr. V. Krishnaveni, Professor and Head, Department of ECE, PSG College of Technology.

