

Event title	IEEE Technically Sponsored International Conference on “Smart Systems for Electrical, Electronics, Communication and Computer Engineering IC(SEC) ² – 2024”
Date and Duration	28 st & 29 th June 2024 & Two Days
Department	ECE
Co-ordinators	Mr.D.Venkatesh, AP,ECE Ms.M.Sowmiya, AP,ECE
Chief Guest/ Resource Person/ Keynote Speaker	Chief Guest Mr. Muralidhara Hosahalli Global Head - Medical Devices and Life Sciences L&T Technology Services Limited, Bengaluru Keynote Speakers Dr. Loganathan Ravi Process Engineer (MOCVD) IQE plc, United Kingdom Prof. Mehdi Seyedmahmoudian Dr Gokul Sidarth Thirunavukkarasu Swinburne University of Technology, Australia.
Session Chair	Dr. Karthika Renuka D, Prof. IT, PSGCT Dr. R .Rekha, ASP, IT, PSGCT Dr. Vinoth Kumar B, Prof. IT, PSGCT Dr. A. Natarajan, Prof, EEE, PSGCT Dr.Nirmal, HoD,ECE, Karunya IST Dr. K Ramakrishnan, Dean, MCET Dr. K. Thiyagarajan, AP(Sl.Gr), ECE, PSGCT Dr.T.Hamsapriya, Visiting Prof, AI&DS, PSGiTech Dr. T. Chellamuthu, AP, EEE, PSGCT
No. of Participants	120

1. Dr P Vijayakumar, HoD/ECE & Dean (Electrical and Computer Engg.) welcomed the gathering.
2. The conference report was presented by Mr D Venkatesh, AP/ECE.
3. Dr P V Mohanram, Secretary, PSG iTech delivered the presidential address, He emphasized the importance of blending traditional knowledge with modern technological advancements in the development of high-end medical equipment. He insisted on leveraging the talent and skills of young minds to create indigenous, medical-grade products that are both precise and accurate, meeting international standards.
4. Dr. R. Rudramoorthy, Director of PSG CARE, emphasized the significance of the conference and its contribution to the allied fields. He pointed out that systems embedded with Artificial Intelligence are still inferior to humans, as they lack the ability to think independently when faced with new situations.
5. In his inaugural address, Mr. Muralidhara Hosahalli mentioned that about 85 percent of medical devices are imported from foreign countries. He emphasized the need to transform research papers and patents into products with practical applications.
6. He highlighted the importance of fostering a mindset of perfection and adopting an interdisciplinary approach in developing medical devices. According to him, the three key attributes for good professionals are competency, the application of skills, and attitude.

7. The keynote address was delivered by Dr. Loganathan Ravi, Process Engineer (MOCVD), IQE plc, United Kingdom, he insisted about various challenges in electronic industries from development of devices to systems.
8. In another keynote address by Prof. Mehdi Seyedmahmoudian and Dr Gokul Sidarth Thirunavukkarasu, Swinburne University of Technology, Australia explained about various trends in obtaining zero carbon footprint in production.
9. After the keynote sessions, 139 papers were presented across 9 tracks chaired by subject experts. In each track Best Papers were identified and awarded.



The dignitaries are releasing the conference proceedings in the inaugural function on 28th June 2024