

DST-Anusandhan National Research Foundation

(ANRF)

Sponsored

Two Days International Conference

on

“Future Trends in Sustainable Clean Energy
Technologies: Shaping a Greener Electric
Transportation Tomorrow”
(ICSCETSET-2025)

on

Date: 24.07.2025 & 25.07.2025



Organised by

Department of

Electronics and Communication Engineering



HINDUSTHAN INSTITUTE OF TECHNOLOGY

(Autonomous)

Coimbatore – 641 032, Tamil Nadu, India



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For More Information about the Conference, Visit
www.hit.edu.in

ADVISORY COMMITTEE

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Dr.S.Suresh Kumar : Professor,CSIR-CECRI,Karaikudi
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Dr. Arvind Yadav

CONFERENCE VENUE

Hindusthan Institute of Technology,
Coimbatore-641 032, Tamil Nadu, India

ABOUT THE COLLEGE

Hindusthan Institute of Technology is one of the leading Engineering Colleges imparting qualities Technical Education to the aspirants from Tamil Nadu and other neighboring states. It is run by Hindusthan Educational and Charitable Trust under the leadership of Sri.T.S.R. Khannaiyann and Smt. T.R.K Sarasuwathy Khannaiyann. The Institution was established in the year 2007 and is affiliated to Anna University Chennai. The Institution is well known for its high educational standards with excellent infrastructures and state of art laboratories, spread over 200 acres and is located on the Coimbatore.The Institution currently offers 7 UG and 3 PG programme. The Institution is accredited by NAAC with 'A' grade since 2016 and certified by ISO 9001-2015 standards.

The institution has received Autonomous status from UGC, New Delhi from the Academic Year 2020 – 2021. Five of our departments namely Aeronautical Engineering, Computer Science and Engineering, Information Technology, Electronics and Communication Engineering and Mechanical Engineering are accredited by National Board of Accreditation since 2018. Our institute received 5-star rating by Institute Innovation Council, Ministry of Education for organizing various innovation and Entrepreneurship related activities. Our institute falls under Band B grade in ARIIA Ranking 2020.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 2007 with vision to develop Centre of Excellence in the wide area of Electronics & Communication Engineering field and to promote innovative research. The department has well equipped modernized laboratories with latest simulation Software and 23 eminent faculty members with good academic records and an average experience of 15 years. The department is accredited by National Board of Accreditation (NBA, New Delhi) since 2018.

We have established two centers of Excellence in the field of PLC & SCADA powered by SIEMENS and Embedded Systems in association with Texas Instruments. We run a UG programme which offers B.E Degree in Electronics and Communication Engineering with a student intake of 120 per year and a PG programme namely M.E VLSI Design with a student intake of 24 per year. We have received Best Department award for the year 2020 – 2021 and Best Student Chapter Award from IEI Our Department got Research Centre Recognition from Centre for Research Anna University Chennai. Under R&D many students doing their project in our department itself.

ABOUT THE CONFERENCE

International Conference on Sustainable Clean Energy Technologies and Future Electric Transportation (ICSCETET-2025) aims to provide a platform for Engineers, Researchers, Scientists & Academicians to present their work, to share experiences and ideas in the areas of Renewable Energy, Electric Transportation, Power Electronics, Electric Drives,

Control Techniques, Smart Grids, Communication Protocols, Intelligent Charging Infrastructure and Standards. In view of changing scenario under sustainable energy & electric transportation, this conference aims to put together the experts from these areas to disseminate their knowledge and experience for working in years to come. ICSCETET-2025 program will feature Keynotes and Plenary Sessions, Technical Paper Presentations, Industry Sessions and Awards. The conference will offer opportunities for national and international connections and collaboration among universities, Indian institutions and overseas, with the goals of expanding research and developing new technologies to all the authors/attendees of the conference. This conference is being held with the intention of fostering the transition from fundamental research into applied investigation into execution. This conference will also raise awareness about the significance of basic scientific research in a variety of sectors that is aligned with the trends that are now occurring. In addition to this, the conference intends to bring together researchers, scientists, engineers, industry professionals, and students who are interested in this exciting area of research.

THEMES OF THE CONFERENCE

1. Power Electronic Systems and Energy Efficient Drives in Electric Transportation (Land, Air, Sea, and subsea applications)
2. Modeling and Control of Sustainable Energy and Transportation Systems
3. Plug-in and Wireless Charging Systems and Infrastructure
4. Energy Storage Technologies and Management Systems for Smart Grid and Electric Transportation
5. Integration of Renewable Energy Systems for Micro Grids/ Smart Grids
6. Power System Protection, Operation & Control and Energy Management
7. AI, ML, data analytics and Cyber Security and IOT Applications to Sustainable Energy and Electric Transportation

FULL LENGTH PAPER SUBMISSION

Soft copy of full-length paper with maximum of 6 pages are required to be submitted in Camera Ready form in IEEE double column format.

The paper will be submitted online using this mail: ICSCETSET2025@gmail.com. Any clarification may please be addressed using email: ICSCETSET2025@gmail.com It is mandatory for one of the authors to register and present the paper in offline mode for inclusion in the Conference Proceedings. Manuscripts of accepted and presented papers will be submitted to any one of the SCOPUS Journal.

KEYNOTE SPEAKERS

Dr. Xavier Fernando,
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Prof. Abid Yahya,
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Dr P R Natarajan, FIE
Former, Chairman, IE (I), Coimbatore Local Centre Coimbatore-641004

IMPORTANT DATES

Full Length Paper Submission	31st May 2025
Acceptance Notification	20th June 2025
Early Registration	Till 4th July 2025
Camera Ready Submission	11th July 2025
Conference Dates	24-25 July 2025

REGISTRATION FEE INCLUDES

- Admission to attend the Conference
- Inaugural Ceremonies
- Lunch & High Tea (During 2 Conference days)
- Delegate kit
- Certificate of participation and/or presentation

REGISTRATION FEES

Participation Type	Early Bird	Late
Academia/Industry	Rs.2000/-	Rs.2500/-
Non-Academia	Rs.2500/-	Rs.3000/-
Non-Industry	Rs.3000/-	Rs.3500/-
Students(UG/PG/Ph.D)	Rs.1500/-	Rs.2000/-
Foreign Participants	USD 100	USD 150

HOW TO REACH

HiTech is located 28 km away from Coimbatore International Airport, Coimbatore is well connected by air with major cities of India.

Mudumalai Tiger Reserve-Ooty



Isha Yoga Centre



Doddabetta Peak-Ooty



Perur Pateeswarar Temple

