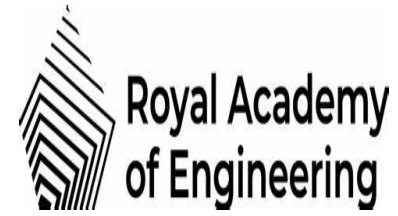




Vellore Institute of Technology, Vellore
School of Electrical Engineering
Department of Energy and Power Electronics

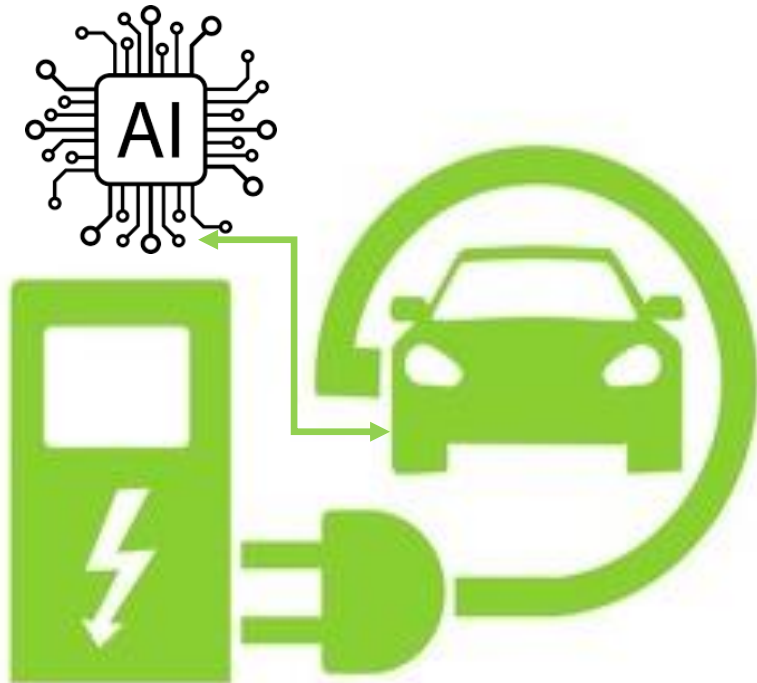


**Royal Academy
of Engineering**

*Royal Academy of Engineering Sponsored Two-day Workshop
on*

AI based Charging Infrastructure for Sustainable E-Mobility (AISEM 2024)

8th & 9th, January 2024



Coordinators

Dr. Razia Sultana W.

Dr. V. Indragandhi

Dr. Chitra A

Vellore Institute of Technology, Vellore

Registration Link

External <https://events.vit.ac.in/>

Internal <https://forms.gle/Fj5jBY48XM4bPHNU9>

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CONVENERS

Dr. Razia Sultana W., *Asso. Professor, EPE*

Dr. V. Indragandhi, *Professor, EPE*

Dr. Chitra A., *Asso. Professor, EPE*

ABOUT VELLORE INSTITUTE OF TECHNOLOGY

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud. With steady steps, we continue our march forward.

ABOUT SCHOOL OF ELECTRICAL ENGINEERING

The School of Electrical Engineering (SELECT) has over 98 faculty members who pursued their UG, PG and Doctoral degrees from top notch universities. The school offers B.Tech. (Electrical and Electronics Engineering), B.Tech. (Electronics and Instrumentation Engineering), M.Tech. (Power Electronics and Drives), M. Tech. (Control and Automation), Ph.D and Integrated Ph.D in Engineering. Both B.Tech. and M.Tech. programmes attract the Intelligent students from the country and abroad. The B.Tech. Electrical and Electronics Engineering and B.Tech. Electronics and Instrumentation Engineering Programmes are accredited by the Engineering Accreditation Commission of ABET. All UG & PG programmes of the school are accredited by the Institution of Engineering and Technology (IET), U.K. The placement record of the school has always been impressive. Almost 100% of the students secure jobs from the campus placement and many of them are recruited by core companies. The QS world subject rank of the EEE program has improved by 50 ranks over the past years and stands at 201-250 globally as of 2023. SELECT has industry-sponsored advanced laboratories for performing world-class research and consultancy.

About workshop

AISEM 2024 is a interdisciplinary workshop that brings together leading researchers, and industrial experts to discuss and share their knowledge on smart and intelligent electric vehicle charging technologies. The workshop aims to explore the latest developments and advancements in the field, as well as discuss and address challenges and opportunities in electric vehicle charging technologies. The workshop will cover a wide range of topics, including but not limited to:

- ✓ Intelligent charging systems
- ✓ Advanced power electronics for electric vehicles
- ✓ Vehicle-to-grid integration
- ✓ IoT based advancements in charging systems
- ✓ Smart grid and energy management systems
- ✓ Vehicle electrification policies and regulations

Registration

- ✓ Participants provided with lunch and refreshments
- ✓ Attracting Prizes to Quiz Winners (End of Every Session)
- ✓ Workshop is conducted in hybrid mode
- ✓ **No registration fee for participants from VIT, Vellore.**
- ✓ **For participants outside VIT, Registration fee is Rs. 100**

Registration Link

External <https://events.vit.ac.in/>

Internal <https://forms.gle/Fj5jBY48XM4bPHNU9>

Event Details

Day 1 & Day 2 : Technical Sessions

**Schedule will be communicated*

Contact

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Speakers

Dr. Maher Al-Greer

Teesside University, UK

Dr.R.Rajendran

Director, eApta Dynamics Pvt.Ltd.

Mr Akhilesh Vivek Sontakke

Director and CEO, Priva Software Solutions

Mr. Prabu Gnanasekaran,

Cofounder, Warar Energy

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Dr.V. Indragandhi,

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Dr. R. Thirumalaivasan

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Associate Professor, VIT , Vellore