



6th IEEE International Conference on

Sustainable Energy and Future Electric Transportation

(SeFet 2026)

Visvesvaraya National Institute of Technology, Nagpur, India

8th to 11th July 2026



Call For Papers | Special Session Track on

SS12: Intelligent AI Techniques for Electric Vehicles and Secure, Fault-Tolerant High-Power Charging Converters

***All the accepted and presented papers will be published in the form of e-proceedings and submitted to IEEE Xplore Digital Library (indexed in SCOPUS, Google Scholar, and other major indexing)*

***All presented papers will be considered for further review and publication in IEEE Transactions on Industry Applications and IEEE Industry Applications Magazine*

Last Date of Submission: Jan 31st, 2026

Topics of this Session but not limited to-

1. AI Based Control, Optimization, and Energy Management for Electric Vehicles
2. Advanced Power Electronic Converters for EVs and High Power Charging Applications
3. Secure, Fault Detection, and Fault Tolerant Techniques in EV and Charging Systems
4. Fast Charging Infrastructure and Grid Integrated EV Charging Systems
5. Intelligent Sensing, Communication, and System Integration for EV Ecosystems.

Login on <https://cmt3.research.microsoft.com/SEFET2026/Submission/Index>

Select Special Session as “**SS12: Intelligent AI Techniques for Electric Vehicles and Secure, Fault-Tolerant High-Power Charging Converters**”

➤ Contact Email Id (for any query related to this special session) ieeesefet2026@vnit.ac.in

Please ensure to select the track **SS12: Intelligent AI Techniques for Electric Vehicles and Secure, Fault-Tolerant High-Power Charging Converters** during your submission process in the CMT system.

TEAM OF SPECIAL SESSION ORGANIZERS



Dr. Suraj Gupta
Assistant Professor
NIT Meghalaya
suraj.gupta@nitm.ac.in



Dr. Amritesh Kumar
Assistant Professor
NIT Silchar
amritesh@ee.nits.ac.in

