



6th IEEE International Conference

**Sustainable Energy and Future Electric Transportation
(IEEE SeFet 2026)**

08th July–11th July, 2026

Visvesvaraya National Institute of Technology, Nagpur, India



Call for Papers: Special Session

Next-Generation Multilevel Inverters for Green Energy and E-Mobility (SS15)

Key Topics of the Session (but not limited to):

- Advanced Multilevel Inverters topologies including symmetrical and asymmetrical configurations
- Compact, high-power-density, and cost-effective inverter designs with reduced switch count
- Multilevel traction Inverters for Electric and Hybrid vehicle (EV/HEV) applications
- Grid-connected Multilevel Inverters for Solar PV, Wind energy and energy storage systems
- Advanced modulation and control techniques (PWM, SVPWM, SHE, predictive and intelligent control etc.)
- Harmonic mitigation, power quality enhancement, and compliance with IEEE/IEC standards
- Wide band gap semiconductor-based Multilevel Inverters (SiC, GaN) with improved thermal management and reliability
- Modeling, Simulation, Real-time control, Hardware Implementation, Industrial case studies

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For any query, please reach out us at the above mentioned email

Please ensure you select track the Special Session SS15: Next-Generation Multilevel Inverters for Green Energy and E-Mobility, while submission!

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