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CEMAS
CENTER FOR ELECTRIC MOBILITY AND AUTONOMOUS SYSTEMS

Center for Electric Mobility and Autonomous Systems (CEMAS)
Department of Electrical Engineering
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INNOVATION | SUSTAINABLE MOBILITY | AUTONOMOUS SYSTEMS

ONLINE WEBINAR

Power Without Plugs: Designing Wireless Charging for EVs

Exploring wireless power transfer technologies for a cleaner, smarter and more sustainable electric mobility future.



WIRELESS POWER TRANSFER | ELECTRIC VEHICLES | SUSTAINABLE MOBILITY

Wednesday
November 18, 2026

12:15 – 1:00 PM
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SPEAKER

Dr. R. Narayanamoorthi, Ph.D.
Associate Professor
Department of Electrical and Electronics Engineering
SRM Institute of Science and Technology
Chennai, Tamil Nadu, India

ABOUT THE SPEAKER

Dr. R. Narayanamoorthi is an Associate Professor with 14 years of academic, research and industry experience. His research interests include Wireless Power Transfer (WPT), electric vehicle (EV) charging, power electronics, control systems, and their applications in sustainable mobility.

KEY TOPICS

- Fundamentals of Wireless Power Transfer
- Design Considerations for EV Wireless Charging
- System Architectures and Control Strategies
- Current Challenges and Future Developments

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