

SPARC Sponsored five-day online workshop on
Integration of Renewable Energy & EVs to Microgrid: Prospects and Challenges
21 to 25 February 2022, Timing (IST): 10.30 AM – 12.30 PM & 2:30 PM – 4:30 PM

Organised by:

Department of Electrical and Electronics Engineering, National Institute of Technology Tiruchirappalli, India

In association with

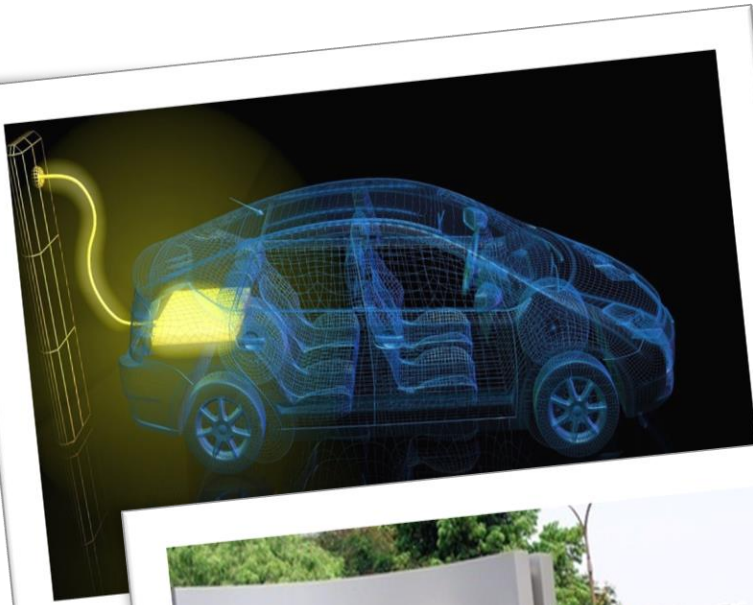
The Hong Kong Polytechnic University (PolyU), Hong Kong

Objective: *To disseminate current trends in operation and planning of microgrids with renewable energy and EVs.*

Mode of Delivery:

Online Platform - Cisco WebEx

Participants will receive e-certificates after successful completion of workshop



Targeted Audience:

*Faculty, Post-Docs, Research Associates,
Masters/PhD students, Industry*

Registration Fees:

<i>Masters/PhD students</i>	<i>₹ 150</i>
<i>Faculty/Post-Docs/RA</i>	<i>₹ 300</i>
<i>Industry</i>	<i>₹ 300</i>

About SPARC:

Scheme for Promotion of Academic and Research Collaboration (SPARC) aims at improving the research ecosystem of India's higher educational institutions by facilitating academic and research collaborations between Indian institutions and the best institutions in the world from 28 selected nations to jointly solve problems of national and/or international relevance.



Topics:

- Microgrid Architecture
- Communication in Microgrids
- Solar Resource Assessment for PV Power Projects
- Wind Electricity Generation on Microgrids
- Inverters for Renewable Energy Integration
- Control and Energy Management in Microgrids
- Battery Management for EV
- Power Converters for EV Charging
- Electric Vehicle Motor Technologies and Control
- Microgrid Economics and Management

List of speakers:

- Mr. Selvakumar S, Power Projects india Ltd
- Dr. Sivraj P, Amrita Vishwa Vidyapeetham
- Dr. Rhythm Singh, IIT Roorkee
- Dr. K K Sasi, Tezpur University, Assam
- Dr. Dipankar Debnath, IIT Kharagpur
- Dr. V. Sankaranaryanan, NIT Tiruchirappalli
- Dr. Shelas Sathyan, NIT Tiruchirappalli
- Dr. ESN Raju Paidi, Ampere-Hour Energy
- Dr. Manoranjan Sahoo, NIT Tiruchirappalli
- Dr. Nimal Madhu, Amrita Vishwa Vidyapeetham



Payment Details:

For the payment through SBI-collect, click the following link

<https://www.onlinesbi.com/sbicollect/icollecthome.htm>

Select the state as 'Tamil Nadu', and category as 'Educational Institutions'.

Select "conference and workshop NIT Trichy".

Select the payment category as "IREEV'M2022"

Registration Details:

After the payment, fill up your details and upload the payment receipt in –

<https://forms.gle/JkiaB7pvDMCxIpx28>

The last date for registration is
19th February 2022

Co-ordinators:

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Dr. Karthik Thirumala, Dept. of EEE, NIT Tiruchirappalli

Dr. Shelas Sathyan, Dept. of EEE, NIT Tiruchirappalli

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