

ACTIVITY REPORT

Virtual Lecture Meeting

on

“Emerging Opportunities and Challenges in Grid/Off-Grid PV Application for Developing EV Charging Infrastructure”

Dr. Amrithesh Kumar, Asst. Professor, Electrical Engineering, NIT, Silchar delivered a lecture on “Emerging Opportunities and Challenges in Grid/Off-Grid PV Application for Developing EV Charging Infrastructure” on 25th July 2020 at 4 pm virtually through Google meet. Er. Gautam Dutta Choudhury, Chairman of the Silchar Local Centre welcomed Dr. Amrithesh Kumar & corporate members of the IE(I),SLC,non member practicing engineers,engineering student and researchers who registered their name through online & attended for the virtual meeting.Total 38 number of people registered their name and attended the events. The speaker Dr. Kumar discussed first about the fundamentals of EV charging power sources, various standards available for EV's charging, international and national status. Next, he discussed about the challenges with PV fed EV charging system, basics of PV, off-grid architectures of the EV charging system and grid-connected architectures of the EV charging system. At last some experimental results for multi-bay EV charging system and smart parking were presented. The Question and answer/Feedback session was conducted at the end of the presentation.

After his deliberation, Er. Rajeeb Dey, Core committee member of the Local Centre offered vote of thanks . The meeting was ended in a cordial atmosphere with very much appreciation from the Hon. Secretary of the Centre & many other members from electronic audience.



The Institution of Engineers (India)

SILCHAR LOCAL CENTRE
Trunk Road, Silchar- 788001

Dear Corporate Members,

On behalf of IE(I) Silchar local centre, we cordially invite all our corporate members, non member practising engineers, engineering students and researchers to attend the **virtual lecture meeting** on the eve of **centenary celebration** of IE(I) on “*Emerging Opportunities and Challenges in Grid/Off-Grid PV Application for Developing EV Charging Infrastructure*”. The link for the virtual registration and lecture are given below.

Registration Link:
https://docs.google.com/forms/d/e/1FAIpQLScLNba_mKKwJpfbZio3uIF-dbVSeK95Wd3sEundtLbSHpJfw/viewform?usp=pp_url

Google Meet Link :
meet.google.com/ain-omgu-evx

Speaker
Er Amrithesh Kumar
Assistant Professor, Dept. of Electrical Engineering
National Institute of Technology Silchar, Assam



Date: July 25th
Time: 04.00PM –05:00PM



Er Gautam Dutta Choudhury,MIE
Chairman, IEI Silchar Local Centre

Er Biswajit Purkayastha,MIE
Hony. Secretary

Er R. Dey, MIE
NIT Silchar, Mo.- 7086731971
Co-ordinator

