



KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY (Autonomous)

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Department of Electrical and Electronics Engineering

11/06/2020
Coimbatore

Seminar Report

The department of Electrical and Electronics Engineering organized a webinar on “**Silicon Carbide MOSFET – Future of Power Electronics Industry**” on 11.06.2020 for students and faculty community. A heart-warming welcome remark was delivered by Dr.V.Kumar Chinnaiyan, Professor and Head, Department of EEE. Er Suresh Thanagavel – Global Application Manager, Infineon Technologies India Pvt Ltd., Germany, presented the following deliberations

- Mega trends call for new and efficient ways towards Generation, transmission and energy conservation
- Key market drives: Reduction of system cost and size as well total cost of ownership
- Si IGBT has already at its saturation point at certain applications
- High switching frequency (String inverter and 3 phase string inverter topologies) etc.,
- Double power conversion based UPS system

Students expressed their gratitude towards the resource person for knowledge which he shared. This webinar is pretty interesting for the researcher in the area of PV system and Silicon Carbide semiconductor like MOSFET and IGBT. 73 Participants from various institutions and industries attended the webinar.

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Department of
Electrical and Electronics Engineering

Webinar on
"Silicon Carbide MOSFET - Future of Power Electronics Industry"

Er. Suresh Thangavel
Global Application Manager
Infineon Technologies India Pvt Ltd
Germany

09
JUNE 2020
02:00 PM - 03:00 PM

<https://meet.google.com/cdw-nnez-omn>