



VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

A WEBINAR on:
**“BUILDINGS – TO- GRID (B2G)
INTEGRATION FOR SMART GRIDS”**

Dated on 09/06/2020

BY: DR. V.S.K.V. Harish

Name of Department/Organizer	:	Electrical Engineering Department VGEC Chandkheda
Date & Time	:	9.6.2020, Tuesday 11:00am-12:00noon
Online Platform used	:	Google meet https://meet.google.com/xru-eexh-jjm
No of Participants	:	Approx: 195

Objective of the Webinar:

The objective of the webinar was to provide a thrust to teaching learning process by using advance online tools. As electricity demand continues to increase, integrating buildings and the electricity grid is a key step to increasing energy efficiency.

The event started with a welcome speech of HOD Electrical, Prof. R R Kapadia building the foundation of the event. DR. V.S.K.V. Harish who is Assistant Professor, Electrical Department PDPU, Gandhinagar had delivered this webinar. He introduced the students with the technicalities of the topic like Building Energy Consumption and trends, Green Buildings, Grid-interactive Building Energy Systems, Buildings sector energy use, Green Rating for Integrated Habitat Assessment (GRIHA) council, Building Energy Model.

Outcome of the Event

After attending this webinar, Industry persons, faculties and students got lot of information related to B2G. A brief question answer sessions was followed at the end. Feedback of various faculties and students was positive and they insisted that such programs should be continued for creating an efficient teaching learning process.

Event Photographs



Outline



Acknowledgement

- Most of the material presented here is part of Doctoral research at Indian Institute of Technology, Roorkee (2012-16), and Post-Doctoral Work at TERI School of Advanced Studies (2016-18) and PDPU (2018-19 till now).

Focus

- Major focus is on identifying Buildings as a fast-responsive energy system with occupants' comfort and energy performance as primary indices.

Agenda

1. Building Energy Consumption and trends.
2. Green Buildings.
3. Grid-interactive Building Energy Systems.
4. Future Scope

04. Aug. 2020, Tuesday | 10:00 | Chennai



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V S K V Harish



Head Electrical



V S K V Harish



