



VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

A WEBINAR on:

**“Information and application of GIS(Geographical Information System)
in Electrical Power System”**

Dated on 04/06/2020

BY: Mr. Jignesh Borisagar

Name of Department/Organizer	:	Electrical Engineering Department VGEC Chandkheda
Date & Time	:	4.6.2020, Thursday 5:00pm-6:00pm
Online Platform used	:	Google meet https://meet.google.com/nrh-wjtc-vmt
No of Participants	:	Approx: 80

Objective of the Webinar:

The objective of the webinar was to provide a thrust to teaching learning process by using advance online tools. Presently GIS is a latest topic used in Industry and Electrical utilities. Knowledge of it is required and is of utmost important for all electrical engineers.

The event started with a welcome speech of HOD Electrical, Prof. R R Kapadia building the foundation of the event. Mr. Jignesh Borisagar who is R&D engineer at UGVCL and an alumni of 2008 Batch of VGEC Electrical Department had delivered this webinar. He introduced the students with the technicalities of the topic like What is GIS? How it is implemented? and explained how utilities worldwide use GIS to manage and map locations of overhead and underground circuits. Also he showed real time data of electrical machines in the specially designed app and how it is beneficial to present day demand of electrical systems.

Outcome of the Event

After attending this webinar, Industry persons, faculties and students got lot of information related to GIS and exactly how it is implemented. 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

Guest GPRD is presenting

GEORJA
Gujarat Power Research & Development

Importance of GIS in Electric network System

04th June 2020

Meeting details

People (47)

- prof atmistri (You)
- AAGAM O.JAS SHAH
- abhay vaja
- Akash Sukhadiya
- bhavsinh dodiya
- Chetan Solanki
- D R Shah
- Darshan Maheta
- Dharmitha Makwana
- Dilip Dobariya
- Dipendrasinh Parmar

Guest GPRD is presenting

Definition of GIS

"A system for capturing, storing, checking, integrating, manipulating, analysing and displaying data which are spatially referenced to the Earth. This is normally considered to involve a spatially referenced computer database and appropriate applications software"

"EVERY OBJECT PRESENT ON THE EARTH CAN BE GEO-REFERENCED"

Rohit Patel

Meeting details

People (49)

- prof atmistri (You)
- Aagam Shah
- abhay vaja
- Akash Sukhadiya
- bhavsinh dodiya
- Chetan Solanki
- D R Shah
- Darshan Maheta
- Deep Sojitra
- Dharmitha Makwana

Guest GPRD is presenting

GUJARAT -4 DISTRIBUTION COMPANIES

Circle Offices	25
Division Offices	103
Sub Division Offices	623
Districts	33
Taluka	248
Villages	18225
Consumers	15137628
HT Line Ckms	422884
LT Line Ckms	311767
Transformers Nos	1382846
Sub Stations Nos	1869

Robit Patel

Meeting details

People (43)

- prof atmistri (You)
- Aagam Shah
- abhay vaja
- Akash Sukhadiya
- bhavsinh dodiya
- D R Shah
- D R Shah
- Darshan Maheta
- Deep Sojitra
- DIXIT PATHAK
- Electrical & Electronics ...

jignesh borisagar is presenting

GeoUrja
Easy Service

DGVCL

USERNAME
Eurja Employee Number

PASSWORD
Password

LOGIN

Head Electrical

jignesh borisagar is presenting

HT Line Survey

Add New HT Location

Location Type

- select--
- HT Pole
- Transformer
- Switch
- Fuse
- CTPT
- RMU
- RMU with TC
- Capacitor Bank
- UG Route Point
- Existing Pole(Double Circuit)

SAVE CANCEL

Head Electrical

Meeting details

People (43)

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- bhavsinh dodiya
- D R Shah
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- Darshan Maheta
- Dharmitha Makwana
- DIXIT PATHAK
- Electrical & Electronics ...