

K L University

Department of Electrical& Electronics Engineering

Report

Resource person : Ms. Pangi Kavya (ID No: 13006005)
Date : 16-10-2020
Event : Guest Lecture

Topic : “OVER VIEW OF INDIAN POWER GRID”
Time : 9.00 AM – 10:00 AM
WEBEX LINK : <https://kluniversity.webex.com/meet/II-EEE>
Organized by : Dept. of EEE
Faculty In charge : Dr. B. Loveswara Rao



Introduction to resource person:

Pangi Kavya (ID No: 13006005), Executive Trainee, Power Grid Corporation of India Limited, Rajasthan, India



Department of
Electrical and Electronics



VIRTUAL WEBINAR ON

OVERVIEW OF INDIAN POWER GRID

16th

OCTOBER

2020

@ 9 AM - 10 AM

Resource
Person



MS. PANGI KAVYA

Executive Trainee
Power Grid Corporation of INDIA LTD.
RAJASTHAN, INDIA.
(ID NO: 13006005)
EEE ALUMNI-2013-2017BATCH

WEBEX LINK: <https://kluniversity.webex.com/meet/II-EEE>

Organized by
PSRG Group, Department of EEE

HOD-EEE
Dr. J. Somlal
Assoc. Dean, KL-ACE
K L E F University

Faculty Coordinator
Dr. B. LOVESWARA RAO
Professor & PSRG-Head
Mobile: 9866290922

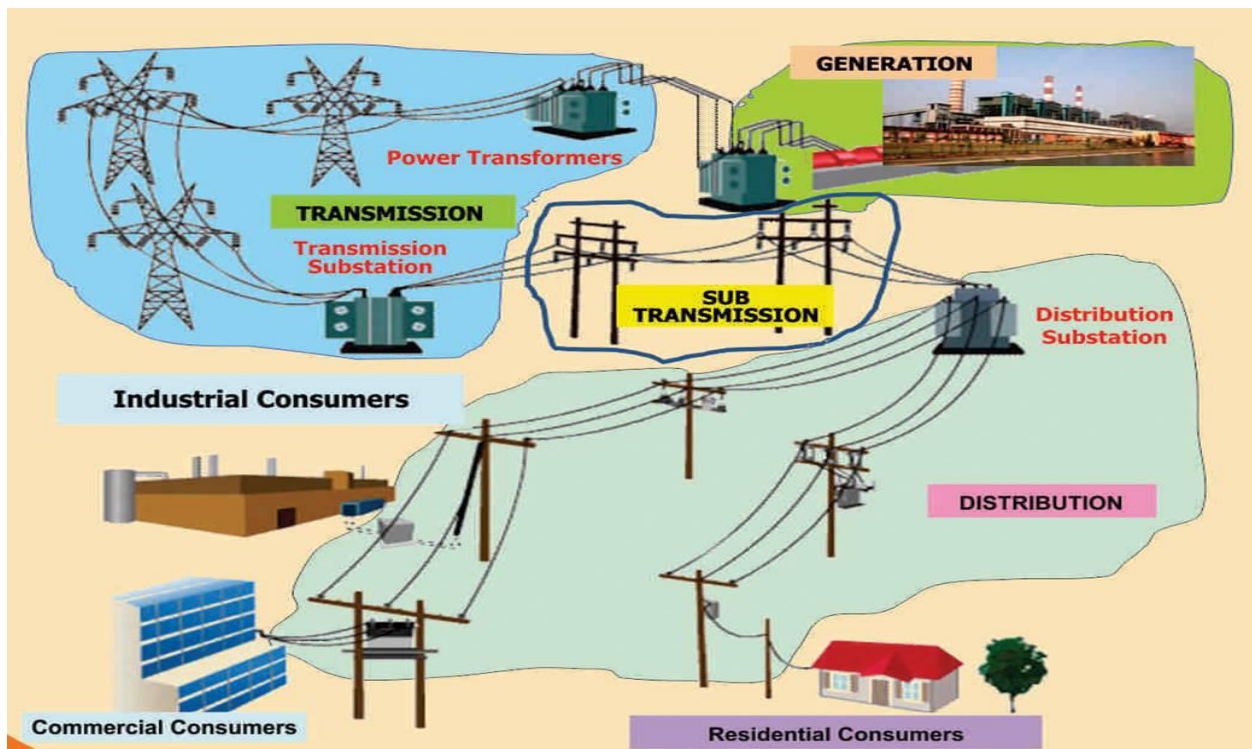


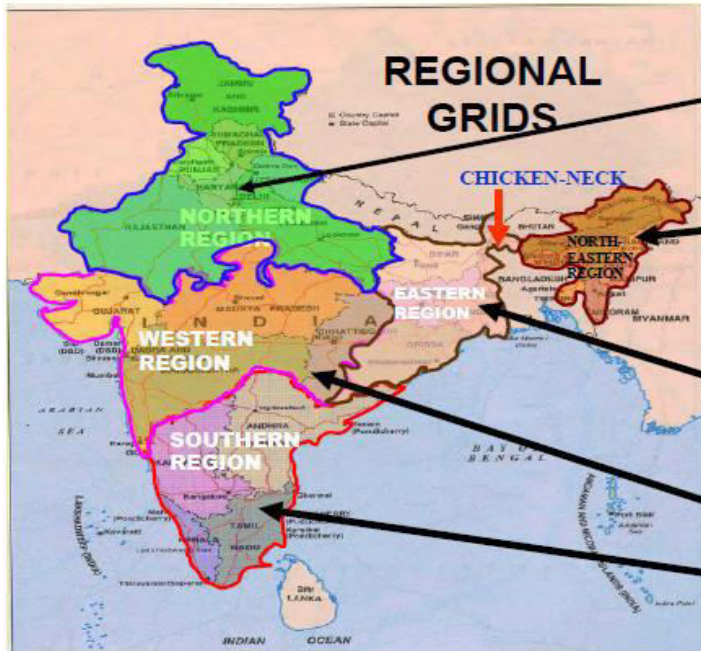
Event Description:

Guest Lecture is a activity organized by Dept. of EEE of K L University on 16-10-2020 from 9.00 AM – 10:00 AM. The resource person is Ms. Pangi Kavya (Id No: 13006005), Executive Trainee, Power Grid Corporation of India Ltd. Rajasthan, India. She delivered a lecture on “OVER VIEW OF INDIAN POWER GRID” for all B-Tech (EEE) Students.

Session Activities:

HoD-EEE given welcome note. Then coordinator Dr. B.Loveswara Rao introduces the resource person. The resource person Ms. Pangi Kavya studied B.Tech in Electrical and Electronics Engineering, K L University. His role number is 13006005. She explained one nation one grid concept.





Deficit Region

Snow fed - run-of-the-river hydro

Highly weather sensitive load

Adverse weather conditions: Fog & Dust Storm

Very low load

High hydro potential

Evacuation problems

Low load

High coal reserves

Pit head base load plants

Industrial load and agricultural load

High load (40% agricultural load)

Monsoon dependent hydro

ONE NATION ONE GRID ONE FREQUENCY

One of the largest Electricity Grids operating at single frequency in the world

August 2006 North synchronized with Central Grid

March 2003 West synchronized With East & North-East

October 1991 East & North-East synchronized

5 Grids 5 Frequency

NEW* Grid

Central Grid

South Grid

North East West

Participants (130)

180060009 UMA SANJ is waiting in the lobby

Search

Burthi Loveswara Rao Host, me

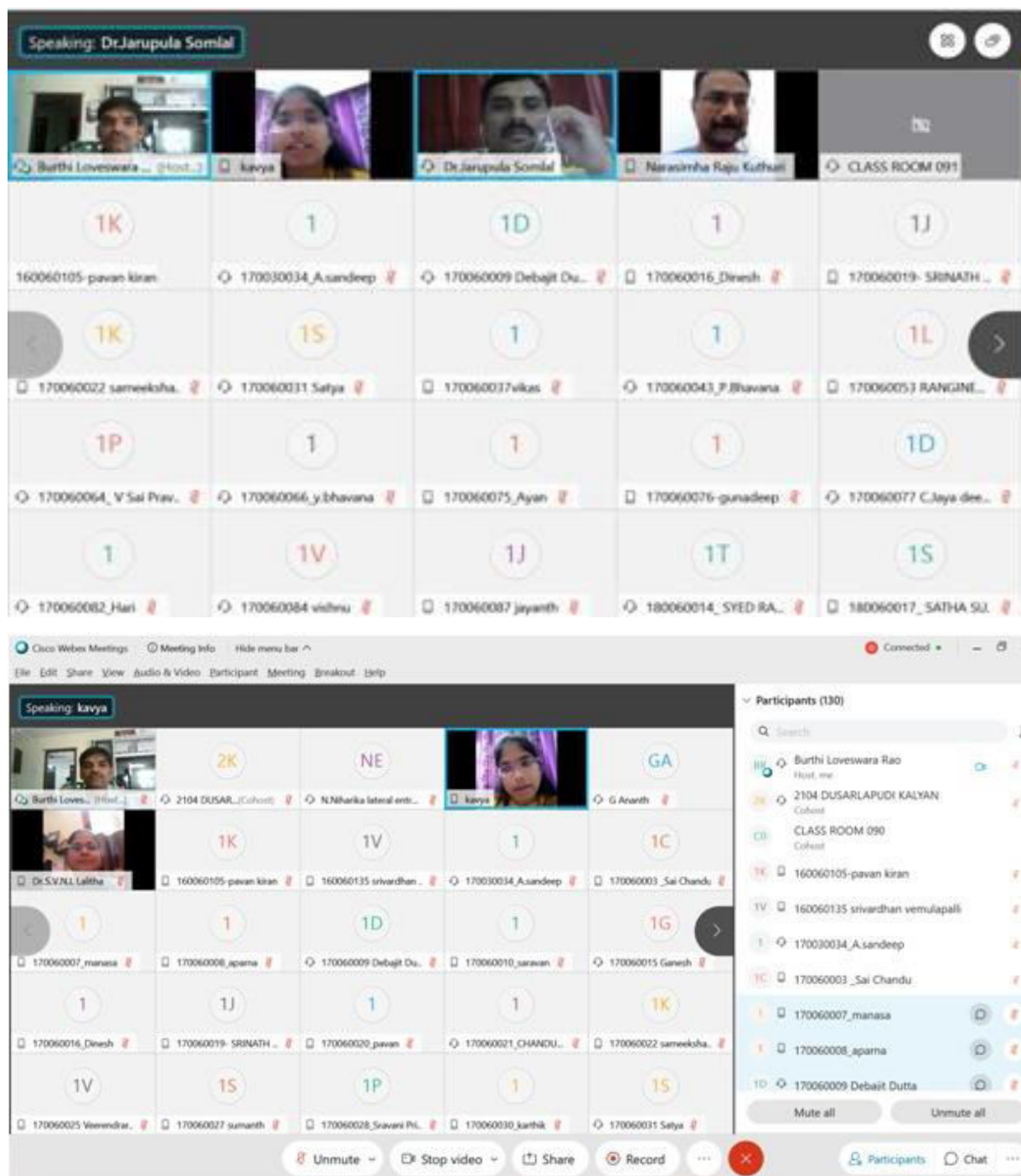
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CLASS ROOM 090 Cohost

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Students were benefited up to a large extent by the practical exposure. Almost 135 members attended for this lecture. After the end of the lecture students have thanked the guest for sharing such valuable information and have expressed their queries and got clarified from him.