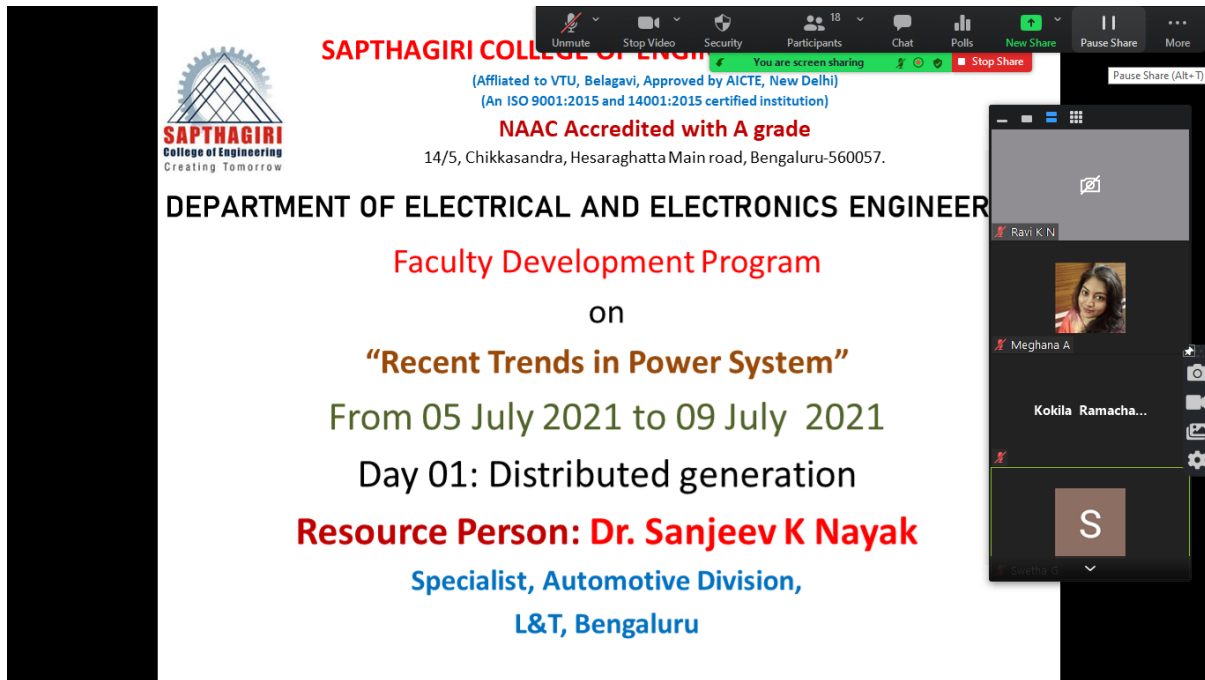


Report on 5 days online FDP

Topic: "Recent Trends in Power System Engineering"

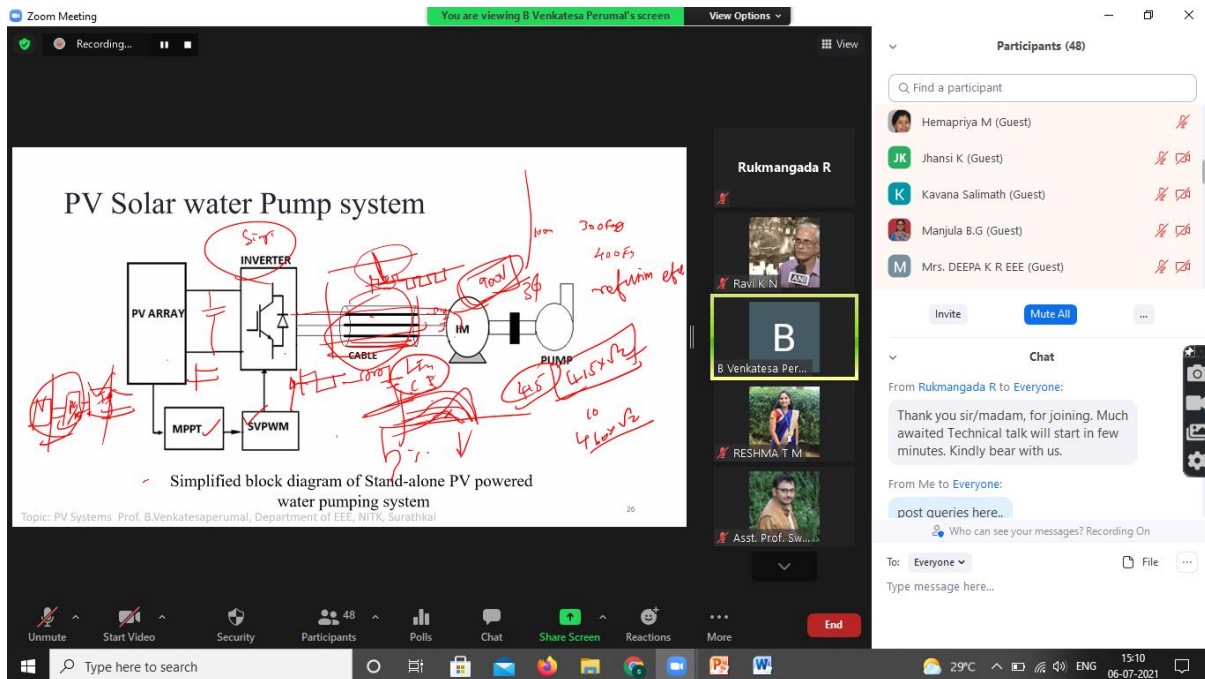
From 5th to 9th July 2021

Organized by
Department of Electrical and Electronics Engineering



SAPTHAGIRI COLLEGE OF ENGINEERING
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi)
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Faculty Development Program
on
"Recent Trends in Power System"
From 05 July 2021 to 09 July 2021
Day 01: Distributed generation
Resource Person: Dr. Sanjeev K Nayak
Specialist, Automotive Division,
L&T, Bengaluru



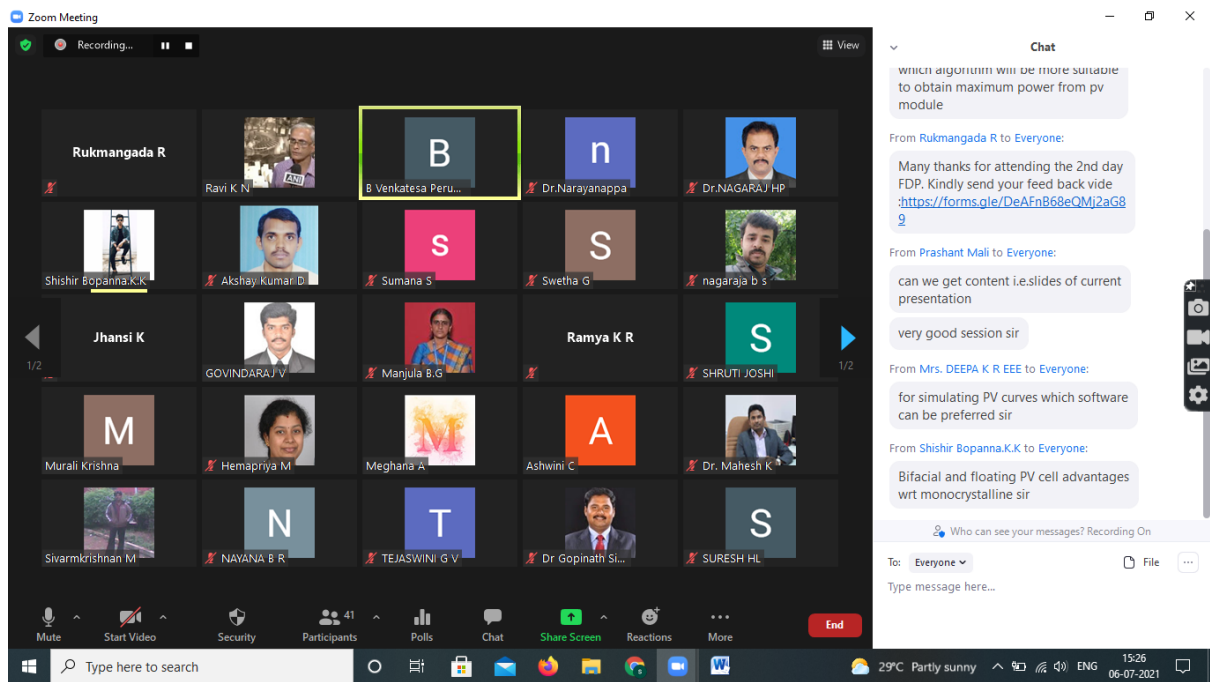
PV Solar water Pump system

Simplified block diagram of Stand-alone PV powered water pumping system

Topic: PV Systems Prof. B.Venkatesaperumal, Departments of EEE, NITK, Surathkal

The diagram shows a PV ARRAY connected to an MPPT and SVPWM, which feeds into an INVERTER. The inverter is connected to a CABLE, which leads to a PUMP. Handwritten annotations in red ink include "3000", "400F", "refurim etc", "10", "1.5", and "10".

Zoom Meeting interface shows 48 participants and a chat window with messages from Rukmangada R and the host.



Schedule of FDP:

Day	Date	Resource Person	Topic
Day1	05.07.2021	Dr. Sanjeev K Nayak Specialist, Automotive Division, L&T, Bengaluru	Distributed Generation
Day2	06.07.2021	Dr. Venkatesa perumal Prof & Prof In-charge (NITK), Department of EEE, NIT, Suratkal	Solar PV System
Day3	07.07.2021	Dr.K.N.Ravi Prof, SCE, Bengaluru	HVDC Transmission System
Day4	08.07.2021	Dr.Chethan Raj Asst. prof, BMSCE, Bengaluru	Micro-Grid
Day5	09.07.2021	Dr.Seetharamu Former Director, CPRI, Bengaluru	Ethics & Technology Management

The FDP started with welcome address by Dr.Narayanappa, HOD., EEE. He also emphasised the importance of the subject matter.

Subsequent to the introduction of the resource person, technical talk was delivered on all the days as .per the above mentioned schedule. The program was well attended by more than 40 faculties from SCE, other colleges in and around Bangalore, other states as well as from outside India.

All the sessions were blended with lectures and interactions. Many queries raised by enthusiastic participants were well answered by the speaker. Positive feedback was received on each session and also on overall FDP.

The session was concluded with vote of thanks by Dr.Narayanappa.

Program Coordinator., EEE

Dr.Narayanappa
Professor & HOD EEE