Activity Report

Name of the Activity: TEQIP III Sponsored Online Faculty Development Programme on 'Green Technology'

Name of department/ Section/ cell conducting the activity	Department of Electrical Engineering
In coordination with (if any)	----
Date of conduct	18-20 July, 2020
Activity Coordinator	Dr.Shakuntla/Mr.NitinGoel Assistant Professor, Department of Electrical Engg. JCBUST, YMCA, Faridabad
Amount Spent	
Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	TEQIP
Target audience:	
No. of beneficiaries	The FDP was attended by more than 100 participants from different Universities from different corners of India.
Outside guests/ Details of Experts	• Prof..Sukumar Mishra, IIT Delhi • Prof.. B.K. Panigrahi, IIT Delhi • Prof.. S.N. Singh, IIT Kanpur and VC Gorakhpur University • Prof.. N.P. Padhy, IIT Roorke • Prof. Jahangir Hossain Macquarie University, Australia Mr.LalitGoyal, principle Consultant, ABB, North California, USA
Brief Description of the event	This proposed online FDP gave insight details of "Green technology" which aims at active use of renewable resources and its contribution for sustainable development of India. The various renewable energy resources or green energy and its associated technologies, their status in India, the socio-economic impact of renewable energy resources (RES), challenges associated with it and the future of RES or green energy in India from various professors of IITs and other prestigious Universities of India and abroad. With right investments in green technologies, we can say that India is well positioned to achieve the ambitious renewable energy targets. The pursuit towards cleaner energy will play a key role in supporting country's transition to a full sustainable energy system for a new India.

Attach Brochure of the event	

J. C. Bose University of Science & Technology, YMCA, Faridabad

(A Haryana State Government University)

(Established by Haryana State Legislative Act No. 21 of 2009 & Recognized by UGC Act 1956 u/s to confer Degree)

(Accredited 'A' Grade by NAAC)

TEQIP-III Sponsored Three Days Online Faculty Development Programme on

"Green Technology"

(18-20 July, 2020)

Organized by

Department of Electrical Engineering

in association with

Institution of Engineers (India), Faridabad, Local Chapter

VENUE: Online ZOOM Platform

PROGRAM SCHEDULE

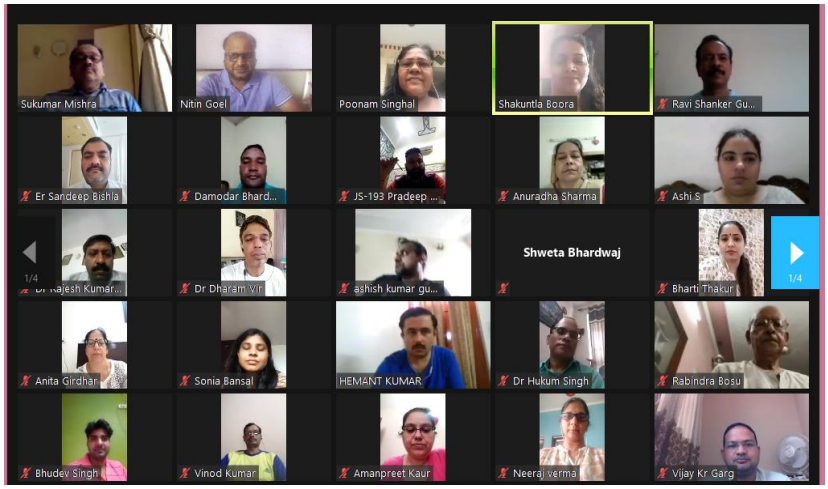
Session	Timing	Topic	Speaker
	11:00	Inauguration	
1.1	11:30 AM	AC-DC Smart Grid	Prof. N. P. Padhy, Department of Electrical Engg., IIT Roorkee
1.2	03:30 PM	AI and Machine Learning Applications in Smart grid	Prof. B. K. Panigrahi, Department of Electrical Engg., IIT Delhi
2.1	11:00 AM	Implementation and Control of DC Microgrid	Prof. Sukumar Mishra, Department of Electrical Engg., IIT Delhi
2.2	03:30 PM	Fundamentals of Solar Photovoltaic Systems	Dr. Sreedhar Madichetty, EEE Department, Mahindra École Centrale College of Engineering, Mahindra University, Tech Mahindra, Hyderabad
3.1	08:30 AM	HVDC Technology and it's Use in Transmission of Renewable Energy'	Mr. Lalit Goel Principal Consultant Hitachi ABB Power Grids North California, USA
3.2	10:00 AM	Challenges and Opportunities of Integrating Electric Vehicles in Distribution Systems	Prof. Jahangir Hossain University of Technology Sydney, Australia
3.3	03:00 PM	Challenges in Smart Grid Implementation	Prof. S. N. Singh, Vice-Chancellor, MMM University of Tech. Gorakhpur

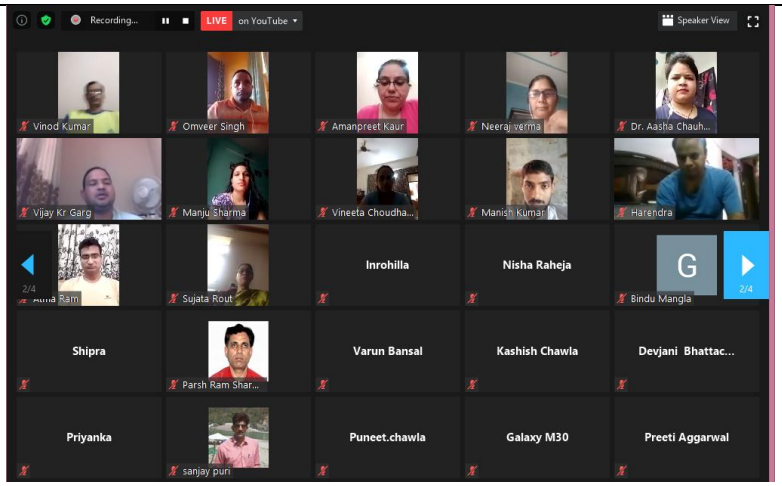
Convener

Dr. Poonam Singhal
Chairperson (Electrical)
JCBUST,YMCA, Faridabad

Coordinators

Dr. Shakuntla, Mr. Nitin Goel
Assistant Professor (Electrical)
JCBUST, YMCA, Faridabad

attach two/ three good quality photographs	 

	
Attach certificate of the event	
Any other information	