ACTIVITY REPORT

1.	Name of Activity (Title)	Expert Lecture on "Impact on Bulk Power System Operation due to High penetrated DERs at DN" and "Interoperability a key for TSO-DSO Interaction"
2.	Type of Activity (FDP/Lecture/Technical/conference etc.)	Expert Lecture
3.	Name of department/ Section/ cell conducting the activity	International Affairs Cell
4.	In coordination with (if any)	Department of Electronics & Communication Engineering and Department of Electrical Engineering
5.	Date of conduct	16/08/2023
6.	Name of Activity Coordinator (s)	Dr. Mamta Kathuria
7.	Amount Spent	INR 10000/-
8.	Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	University
9.	Target audience	UG students of Electronics and Electrical Engineering
10.	No. of beneficiaries	101
11.	Name of Outside guests	Dr. Pawan Sharma, who is currently working as an Associate Professor at the Faculty of Engineering Science and Technology, UiT, The Arctic University of Norway (Narvik campus) Dr. Charu Sharma, is working as an Associate Professor at the UiT, The Arctic University of Norway (Tromso campus).
12.	Any other information	Report attached
13.	Also attach two/ three good quality photographs	Photographs attached

Report

International Affairs Cell- Expert Lecture on "Impact on Bulk Power System Operation due to High penetrated DERs at DN" and "Interoperability a key for TSO-DSO Interaction" on 16th August 2023.

The International Affairs Cell, J.C. Bose University of Science & Technology, YMCA, Faridabad in coordination with Department of Electronics & Communication Engineering and Department of Electrical Engineering of the University organised an expert Lecture on "Impact on Bulk Power System Operation due to High penetrated DERs at DN" and "Interoperability a key for TSO-DSO Interaction" on 16th August 2023 for the students of prefinal and final year from the Electronics and Electrical Engineering Departments. The lecture was intended to make students aware about the latest development in this area with focus on providing them with the broad idea about importance of Interoperability for TSO-DSO Interaction.

The session was delivered by eminent speaker Dr. Pawan Sharma, who is currently working as Associate Professor at Faculty of Engineering Science and Technology, UiT, The Arctic University of Norway (Narvik campus) in the Electrical power engineering group. Dr. Sharma discussed Voltage profile of LV systems without PV and with PV penetration and Impact of variable RES on the power system flexibility.

His session was followed by discourse from Dr. Charu Sharma, who is working as an Associate Professor at the UiT, The Arctic University of Norway (Tromso campus). She focused on DER control use cases, Interoperability categories and cross cutting issues, benefits of interoperability during her lecture. The queries of the students were also answered in an effective manner by the Experts. Approximately 101 students attended the lecture with great enthusiasm on the topic.

The Session ended with vote of thanks by Dr. Shakuntla Boora, Coordinator Electrical Engineering Department. The organising team also thanked Hon'ble Vice Chancellor Prof. S. K. Tomar, Prof. Pradeep Dimri, Prof. Anju Gupta and Dr. Shilpa Munjal for their support and guidance. The session was well coordinated by Dr. Rajeev Saha, Dr. Mamta Kathuria and Dr. Sonam Khera.



J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA, FARIDABAD

A Haryana State Govt. University
(Established by Haryana State Legislative Act. No. 21 of 2009
& Recognized by UGC Act 1956 u/s 22 to Confer Degrees)
Accredited 'A+' Grade by NAAC



EXPERT LECTURE

or

"Impact on Bulk Power System Operation due to High Penetrated DERs at DN"

and

"Interoperability a key for TSO-DSO Interaction"

International Affairs Cell

in coordination with

Department of Electronics and Communication Engineering & Department of Electrical Engineering



Prof. Sushil Kumar Tomar Vice Chancellor JCBUST,YMCA,Faridabad (Haryana)



Dr. Pawan Sharma Associate Professor UiT,(Narvik Campus)Norway



Dr. Charu Sharma Associate Professor UiT,(Tromso Campus)Norway



Convener

Dr. Shilpa Sethi

Co-Conveners

Dr. Rajeev Saha

Dr. Mamta Kathuria

Dr. Shakuntla Boora

Dr. Sonam Khera

Platform: Google Meet

Meeting Id:

http://meet.google.com/pnc-pgbj-wip

Date: 16.08.2023

Passcode:

149 238 468#

Time: 2:30pm(IST)

















