

### **Name of the Activity:**

#### **4<sup>th</sup> Lecture on “Renewable Energy & its Interconnects to Form Micro-Grid by Ms. Shipra Jain in continuation of Lecture Series**

Name of department/ Section/ cell conducting the activity	Department of Electrical Engineering
In coordination with (if any)	----
Date of conduct	21 <sup>st</sup> October 2022
Activity Coordinator	Ms. Shipra Jain and Ms. Bharti Thakur Assistant Professor, Department of Electrical Engineering, JCBUST, YMCA, Faridabad
Amount Spent	N.A
Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	N.A
Target audience:	Faculty & Workshop staff, PH.D Scholars, M.TWSech Students
No. of beneficiaries	15
Outside guests/ Details of Experts	Prof. S.K TOMAR ( VICE CHANCELLOR)
Brief Description of the event	A microgrid is a scaled down version of the centralised power system. It has the characteristic of reliability, flexibility, security, resiliency, ability of connection of with renewable energy sources. Basic architecture of microgrid comprises of micro-generation ,energy storage system, load and control system, power electronics, interfacing converters. Microgrid can be classified on the basis of size, application, operation, distribution system, architecture.
Attach Brochure of the event	

Attach two/three  
good quality  
photographs



	
Attach certificate of the event	
Any other information	-