

## Name of the Activity:

### Expert Lecture on “Harnessing the Wind: Introduction to Wind Energy Conversion Systems” by Ms. Rachna 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	4 <sup>th</sup> October 2023
Activity Coordinator	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:	P.G students, Ph.d scholars and faculty members
No. of beneficiaries	30
Outside guests/ Details of Experts	
Brief Description of the event	The lecture on Harnessing the wind: Introduction to WECS focused on the necessary pre-requisites of a wind turbine plant and the issues under lying grid integration and the mitigation strategies involved. The expert talked about various wind turbine generator topologies and the choice of the generation based on various factors. The lecture comprehensively delved into the growth at global as well as national level.

Attach Brochure of the event



**J.C.BOSE UNIVERSITY**  
of Science and Technology,  
YMCA, Faridabad, Haryana

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Expert Lecture on “Harnessing the Wind:  
Introduction to Wind Energy Conversion Systems”  
**VENUE: Research Lab, Dept. of Electrical Engg.**



Ms. RACHNA is serving as an Assistant Professor in Department of Electrical Engineering, J C Bose University of Science and Technology YMCA, Faridabad Haryana, India. She has more than nine years of teaching experience. She wrote several articles in international level journals and attended many National/ International level conferences. Her areas of interest are Power Systems and Renewable energy.

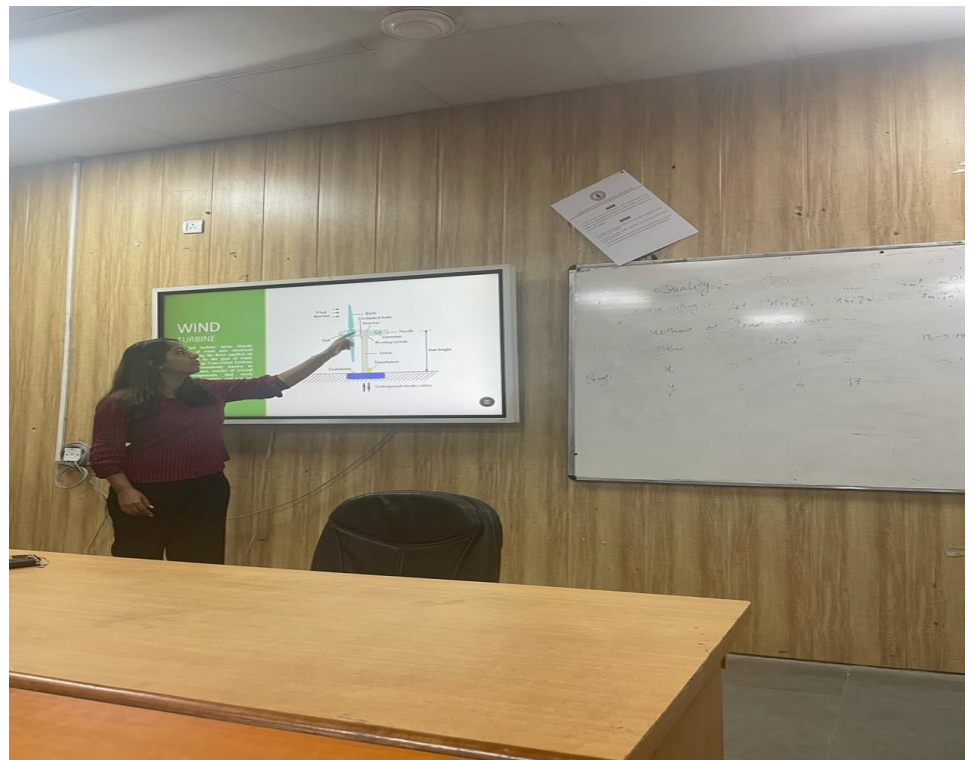
Faculty members, Research scholars and PG students of all departments are cordially invited.


**SPEAKER**  
Ms. RACHNA

**4TH OCT '23** **3:30PM**

**COORDINATOR: Ms. BHARTI THAKUR**

Attach two/three good quality photographs



	
<p>Attach certificate of the event</p>	
<p>Any other information</p>	<p>-</p>