

AICTE SPONSORED ATAL

FACULTY DEVELOPMENT PROGRAM
ON
**ADVANCING RENEWABLE ENERGY
TECHNOLOGIES FOR
SUSTAINABLE E-MOBILITY**

29.01.2024 - 03.02.2024



ORGANISED BY

DEPARTMENT OF ELECTRICAL ENGINEERING

J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY,
YMCA, FARIDABAD, HARYANA
(NAAC 'A+' ACCREDITED)
HARYANA STATE GOVERNMENT UNIVERSITY)

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ABOUT UNIVERSITY

J.C. Bose University of Science and Technology, YMCA is a state government-owned university in Faridabad. Established in 1969, it was a joint venture of the National Council of YMCAs of India, Govt. of Haryana, and Central Agencies for Development Aid (Bonn, Germany). In 1996, the state government of Haryana took complete control of this institution. It was granted university status in 2009 and named YMCA University of Science and Technology (YMCA UST). The university is recognised by the University Grants Commission (UGC) Act 1956 u/s 22 for offering degree programmes. It holds 'Grade-A+' accreditation from NAAC and is a member of the Quality Council of India (QCI) and the Association of Indian Universities (AIU). Besides this, university has 18 engineering colleges in Faridabad and Palwal affiliated with it.

ABOUT DEPARTMENT

The Department of Electrical Engineering (NBA accredited) is committed to impart technical education in the most efficient manner to its students. It was established in the year 2012 (earlier combined with Electronics Engineering Department and known as EEE Department running since the inception of YMCAIE). The department has equipped itself with workshops/labs and syllabus for achieving engineering education excellence, from the support of excellent faculty of the Department, JCBUST, YMCA has established itself as well known entity in the field of Electrical education. The syllabus of the Department composed of the fundamental concepts blended with the ultra modern topic to impart quality technical education, the lab/workshops consists of the basic instrument to software/simulators for providing the student a feel for industrial work environment. The department of Electrical Engineering is running various UG, PG and Ph.D. programs.

About AICTE's ATAL Programme:

AICTE Training and Learning (ATAL) Programme is an initiative by AICTE which aims at empowering faculty to achieve goals of Higher Education such as access, equity and quality. The objective is to create an Academy that will coordinate and support the delivery of superior technical education across the country. Additionally, it helps technical colleges advance research by using information and communication technology, which in turn equips technical instructors and technicians to support entrepreneurship and innovation. It was felt Training, with latest tools and technologies is vital to keeping an institute competitive and more productive.

FDP OBJECTIVE

The objective of faculty development program on Advancing Renewable Energy technologies for Sustainable E-mobility is the transition transportation sector towards a more environmental friendly and sustainable future. This goal involves the integration of renewable energy sources with electric mobility in order to reduce greenhouse gas emissions, combat climate change, and improve air quality.

FDP ABSTRACT

Renewable energy technologies play a critical role in enabling sustainable e-mobility, contributing to the reduction of greenhouse gas emissions and promoting cleaner transportation solutions. This transition toward renewable energy sources is vital in mitigating the environmental impact of traditional fossil fuel-based transportation systems. Key renewable energy technologies, such as solar, wind, and hydroelectric power, offer promising solutions for powering electric vehicles and supporting sustainable e-mobility initiatives. There will be also hands on training on related topic.



IMPORTANT INFORMATION

- No registration fees.
- There are limited seats and the participants are selected on the basis of eligibility criteria of AICTE and first come first serve basis.
- There will be a quiz at the end of FDP.
- For the award of certificate, minimum attendance criteria of 80% and a minimum score of 60% in quiz shall be fulfilled.
- It's mandatory for all participants to submit feedback after each session.



PATRON

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