



DEPARTMENT OF ELECTRICAL ENGINEERING

NEWSLETTER
2022-23

J.C. BOSE UST, YMCA,
FARIDABAD, HARYANA



Prof. Anju Gupta
(Chairperson, Electrical Engineering Department)

Chairperson's message

Over the past year, we have faced numerous challenges in our social, personal lives and in the realm of academia. However, despite these obstacles, I am proud to say that our department has continued to thrive. Our faculty members have continued to produce groundbreaking research and to push the boundaries of what is possible in the field of Electrical Engineering. .

The Department of Electrical Engineering 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. J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana has established itself as well known entity in the field of Electrical education.



STUDENT'S CONTRIBUTION



Induction 2022

At IIT Guwahati's technical fest, Escalade held from 29/08/2022- 4/09/2022, students team from the department designed and assembled bots tailored to the task. Crafting innovative robotic solutions, students not only showcased technical skills but also embraced the spirit of technological advancement that defines such events



Decoding Encoderr

SAMARPAN THE TECHNOPHILLIA
PRESENTS
DECODING ENCODERS

What are Encoders?

- An Encoder is an electrical mechanical device converts linear or rotary displacement into digital or pulse signals.
- Encoders turn mechanical motion into an electrical signal that is used by the control system to monitor specific parameters of the application and make adjustments if necessary to maintain the machine operating as desired.



Invictuse'23

Participation in inter-institute events by students of the program



Event	Organised By	Name	Position
Ideathon 2024	IIC ymca	Hardik Khatri	3rd
IIC Ideathon	JCBOSEUST, YMCA, Faridabad ,Haryana	Debanshu	3rd

DEPARTMENTAL ACTIVITIES

Expert Lecture on " Detection and design of false data injection attack on cyber physical system" on 9th August 2022 by Dr. Arpan Chattopadhyay, Department of Electrical Engineering, IIT Delhi



**An Expert Lecture on
Detection and Design of False Data Injection
Attack on Cyber Physical System**

Organized by
DEPARTMENT OF ELECTRICAL ENGINEERING

Expert Speaker
Dr. Arpan Chattopadhyay
Department of Electrical Engineering
IIT, Delhi

09th August 2022 (03:00 - 04:00 PM)

Coordinators

Mr. Nitin Goel
Assistant Professor
Electrical Engineering

Dr. Shakuntla
Assistant Professor
Electrical Engineering

Chairperson (EL)
Prof. (Dr.) Anju Gupta
Department of Electrical Engineering



A Visit to HVPNL Sector 66, 66/11 kV Sub Station on 23rd November 2022



Expert Lecture on " Introduction to Renewable Energy Sources " on 28th September 2022 by Mr. Mukul Aggarwal

Mr. Mukul Aggarwal lecture on Renewable Energy with thrust on basic understanding of various Renewable and solar energy systems, their application, design and practical aspects.



A visit to Renewable Energy India Expo 2022, Greater Noida



Expert Lecture on "Role of Cable Impedance in functioning of Controls" on 29th November 2022 by Dr. Raj Kumar Singh(1983 EMPA Batch)



DEPARTMENTAL PUBLICATIONS

Category	No
International Journals	25
International Conferences	20

A Visit to Hero MotoCorp Ltd. Dharuhera on 7th February 2023



Expert Lecture on "Resources of Library and its uses" by Deputy Librarian, JC Bose UST on 8th February 2023

The Department organized an expert lecture by Dr. PN Bajpai, Deputy librarian, Pt. Deen Dayal Upadhyay Library, JC Bose UST, on the topic, "Resources of library and its uses" on 8th February, 2023, in Multi Media Centre, in the presence of



Chairperson Electrical Engineering Department, Dr. Anju Gupta and faculty members

The department organised a one-day exhibition on Renewable Energy & Energy Conservation' in collaboration with New & Renewable Energy Department (HAREDA) on 27th February 2023.

DEPARTMENT OF ELECTRICAL ENGINEERING
IN COLLABORATION WITH
NEW & RENEWABLE ENERGY DEPARTMENT (HAREDA)
Office of Additional Deputy Commissioner, Faridabad

PRIZES sponsored by HAREDA

- 1st 5,000
- 2nd 3,000
- 3rd 1,000 (in INR)

PRESENTS

ONE DAY EXHIBITION ON RENEWABLE ENERGY AND ENERGY CONSERVATION

- Date of the Event:** FEB 28, 2023
- Timings:** 09:00 AM-05:00 PM
- Venue:** University Auditorium
- Last Date for Registration - FEB 25, 2023**

Highlights

- Expert lecture from Eminent Speakers
- Workshop on Renewable Energy
- Project Presentation based on Renewable Energy and Energy Conservation
- Electrical Vehicle Showcasing

Chief Guest: Prof. Bhim Singh

Chief Patron: Prof. Sushil Kumar Tomar

Guest of Honour: Ms. Aparajita, Additional Deputy Commissioner, Faridabad

A visit to an orphanage home was organized for the students of Electrical 6th sem on dated 20th April 2023 by Dr Sakshi Kalra and Ms Rachna



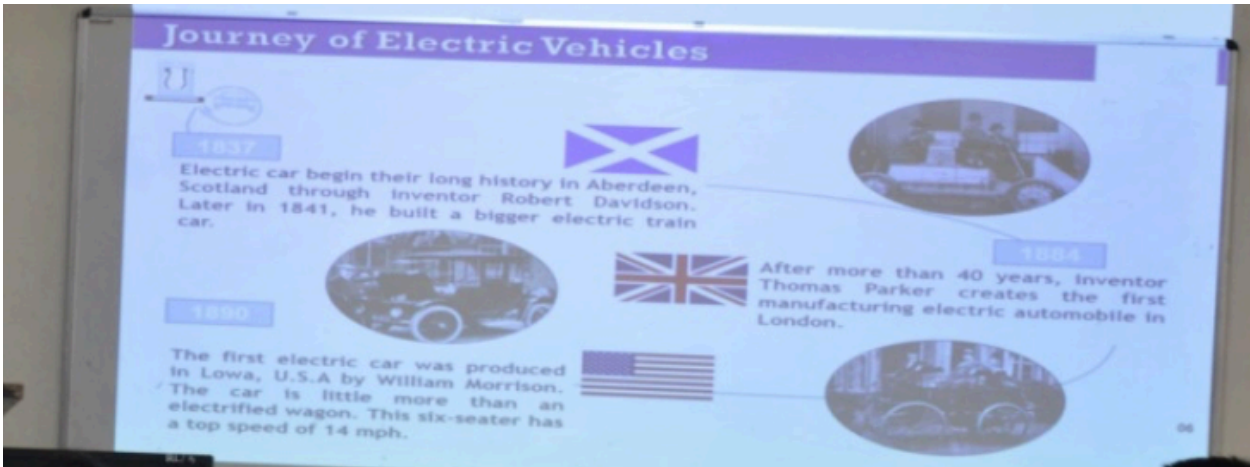
Alumni Interaction Meet(Electrobuzz'22) on 1st Dec. 2022

Alumnus from Various industries and PSUs were invited for interaction with students for better career opportunities in future. There were two Panel Discussions by the invited Alumni on the topics: Competitive Exams and Business Startups. Alumni Mr. Abhishek Kumar gave a brief introduction of PSUs. Cultural events were also performed by the students.

MISCELLANEOUS DEPARTMENT ACTIVITIES IN 2022-23



A visit to Biswanath Chariali - Agra HVDC Line, India



Electric Vehicle: A future Projection for India Automobile Segment



A visit to Havells (Neemrana & Goliath)

OUR RECRUITERS (2022-23)

