

# Aetwork

# THE NEWSLETTER

Annual Newsletter



PROGRAM EDUCATIONAL (OEQ) SEVITORISO

PEO 1. Graduates will have initiate their careers in industry, government and private sector, research organizations or become an entrepreneur

PEO 2. Graduates will pursue higher education in electrical engineering or other fields of their comfort

PEO 3. Graduates will work in a team with leadership quality, show ethical values, express with effective communication, concern to environment and commitment to safety and development of society in the field they choose to pursue





## **ELECTRIC VEHICLES**

An electric vehicle (EV) is a type of vehicle powered by electric motors traditional internal combustion engines (ICEs). EVs use stored in rechargeable energy batteries, which supply power to electric motors, providing a cleaner and quieter alternative to gasoline or diesel-powered vehicles. With rising concerns about air pollution and greenhouse gas emissions, EVs are seen as a key solution for a sustainable and eco-friendly transportation future.

In recent years, EV technology has seen advancements, improvements in battery efficiency, range, and charging infrastructure. Many countries are investing in charging stations, making EVs more accessible and practical for daily use. Furthermore, developments in battery technology, such as lithium-ion and emerging solid-state batteries, are extending driving ranges and reducing times, thus enhancing convenience and performance. EVs. also offer the benefits of lower operational costs. less maintenance. and reduced reliance on fossil fuels.

ISSUE DEDICATED TO:
Electric Vehicles

#### VISION OF THE DEPARTMENT :

To impart technical knowledge, develop skills for research and innovation and prepare graduates with a great human value to meet the industry and societal needs.

#### **DEPARTMENTAL MISSION:**

DM1:To impart quality engineering education with holistic development and to produce engineers, technologists, scientists and citizens who will contribute meaning fully to the growth and development for future generation of the country.

DM2:To promote interdisciplinary research work and opportunity to work in a team through collaborative research and project work to meet the future challenges for society.

DM3:To inculcate professional ethics focus on excellence in curricular, co-curricular and extracurricular activities and moral responsibility for a better society.

# Departmental Events JISTECH 2K23 THE TECHNICAL

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FEST WAS ORGANIZED BY JISCE WHERE THE

STUDENTS OF FE PARTICIPATED WHOLE HEARTEDLY





#### JISTECH 2K23



GATE TRAINING

# QUIZ

- 1. What type of battery is most commonly used in EVs?
- 2. Which company produces the popular EV model "Model S"?
- 3. Which country is the largest market for EVs?
- 4. What is the main environmental benefit of using EVs?
- 5. Which automaker has a fully electric lineup called the "ID" series?



**DIWALI CELEBRATION** 



IDEA COMPETITION

# Departmental Events

THROUGHOUT THE YEAR THE STUDENTS OF OUR DEPARTMENT GOT ENGAGED IN VARIOUS EVENTS WHICH SHOWCASED THEIR TALENTS AND ENRICHED THEIR KNOWLEDGE





**FAREWELL 2023 BATCH** 



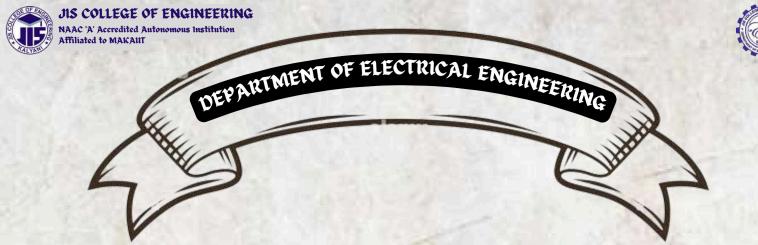
TREE PLANTATION DRIVE



**TEACHERS DAY CELEBRATION** 

## **ANSWERS**

- 1. Lithium-ion
- 2. Tesla
- 3. China
- 4. Reducing emission
- 5. Volkswagen



### SOME OF OUR STUDENTS PLACED IN THE YEAR 2022-2023













### AND THE LIST CONTINUES....

#### SOME OF OUR RECRUITERS































