



**AJ INSTITUTE OF ENGINEERING & TECHNOLOGY**

A Unit of Laxmi Memorial Education Trust<sup>®</sup>

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgavi)

**Department of Electronics and Communication Engineering**

### **Technical Talk Report**

The Department of Electronics and Communication Engineering, in collaboration with the ED Cell and EV Club, organized a technical talk on the topic “**EV- An Engineering Perspective**” on 6<sup>th</sup> October 2025 for second year students of the ECE and Mechanical departments. The speaker of the event was Dr. **Suryanarayana K**, Professor & Head Dept of EEE NMAMIT Nitte, a renowned academician and expert in the field of electrical and renewable energy systems.

The session provided deep insights into the core engineering principles behind Electric vehicles, covering topics such as battery technology, power electronics, motor control, charging infrastructure, and the future of e-mobility.

The event provided an excellent platform for students **to** enhance their technical knowledge, interact with an expert, and understand the engineering depth behind modern mobility solutions. The session Also, this session provided students with a comprehensive understanding of the technical challenges and innovations shaping the EV industry, inspiring them to contribute to the future of sustainable transportation.

**Co-Ordinator**

**HOD**