



**Details:**

**Chief Guest/ Guest of Honor:** Nil  
**Designation:** Nil

**Speakers:** Mr. B. Shanmugapandi, II Mech/RIT

**Report**

*(maximum 250 words)*

The **Department of Mechanical Engineering**, in association with the **Institution of Engineers (India) Mechanical Chapter**, successfully conducted a **workshop on “Drones”** on **14th March 2025** for **first- and second-year IEI student members**. The session aimed to introduce students to drone technology, its applications, and its growing significance across various industries.

**Mr. B. Shanmugapandi**, a **second-year Mechanical Engineering student**, served as the **resource person**, sharing his expertise on drone design, operation, and control mechanisms. The session was coordinated by **Mr. S. Valai Ganesh, AP(SG)/Mech**, who ensured smooth execution of the event. **Ms. P. Lisha Bharathi (II Year Mechanical Engineering)** acted as the **student coordinator**, assisting with logistics and participant engagement.

**Workshop Highlights:**

- An **overview of drone technology**, including **types of drones, aerodynamics, and key components**.
- Hands-on demonstration of **drone assembly, calibration, and flight control techniques**.
- Discussion on **real-world applications** of drones in fields such as **aerial surveillance, disaster management, agriculture, and logistics**.
- Interactive Q&A session, where students explored career opportunities in **drone technology and robotics**.

The **engaging and practical approach** of the workshop enhanced students' technical knowledge and curiosity about **emerging aviation technologies**. The event concluded successfully, with positive feedback from participants. The **Department of Mechanical Engineering** appreciates the efforts of the **resource person, faculty coordinator, and student coordinators** for making this workshop informative and inspiring.

**Certificate Sample:**

  
MR. S. VALAI GANESH  
AP(SG)/MECH/RIT  
**Faculty Advisor**  
IE(I)- MECH Student Chapter  
(626117/RIT/MC)  
Ramco Institute of Technology  
Rajapalayam-626 117



**Engg College**

**/ Polytechnic**