



## **ORIENTATION PROGRAM**

### **Report**

**2021-22**

**Date:** 17/11/2021

**Time:** 11:30 am onwards

**Venue:** LJIET Auditorium

The orientation program at LJIET aimed to provide new students with an overview of campus facilities, academic resources, and extracurricular opportunities. During the orientation, students were given a tour of the campus laboratories. The labs are well-equipped with modern technology and resources, providing students. The classroom tour showcased the diverse learning spaces available at the college. Classrooms are equipped with state-of-the-art audio-visual equipment, facilitating interactive lectures and discussions. The comfortable seating arrangements and conducive learning environment ensure an enriching academic experience for students.

**Ashok Leyland Lab:** The Ashok Leyland lab is a specialized facility dedicated to research and development in automotive engineering and sustainable transportation solutions. Partnering with Ashok Leyland, one of India's leading commercial vehicle manufacturers, the lab offers students the opportunity to work on industry-relevant projects and prototypes.

**Toyota Workshop:** The Toyota workshop is a collaborative initiative between LJKU and Toyota Motors, aimed at promoting automotive engineering education and research. The workshop features state-of-the-art equipment and training modules designed by industry experts. Students gain practical experience in vehicle diagnosis, maintenance, and repair, as well as insights into advanced automotive technologies such as hybrid and electric propulsion systems.

**Baja Lab:** At LJKU is a specialized facility dedicated to the development and testing of off-road vehicles for competitive events. The lab provides students with the resources and infrastructure to design, fabricate, and optimize rugged and high-performance vehicles capable of tackling challenging terrains and obstacles.

**IoT Lab:** The IoT (Internet of Things) lab is a cutting-edge facility equipped with the latest hardware and software tools for experimentation and research in the field of connected devices. Students have access to microcontrollers, sensors, actuators, and networking equipment to develop innovative IoT solutions

**Robotics Lab:** The robotics lab serves as a hub for exploring the realms of automation, artificial intelligence, and machine learning. Equipped with robotic arms, drones, sensors, and programming platforms, students engage in projects ranging from autonomous navigation to human-robot interaction. The lab fosters creativity and problem-solving skills by challenging students to design and implement robotic systems for real-world applications.

**LJ International Cell:** The LJ International Cell serves as a bridge between LJKU and international educational institutions, fostering global collaborations, exchange programs, and cross-cultural experiences. Through partnerships with universities and organizations worldwide, the cell offers students opportunities for international internships, study abroad programs, and cultural immersion activities.

**Entrepreneurship Cell:** The Entrepreneurship Cell at LJKU is a dynamic hub for nurturing entrepreneurial talent and fostering innovation and start-up culture. It provides aspiring entrepreneurs with mentorship, training, and networking opportunities to transform their ideas into viable businesses.

**Workshops:** Workshops at LJKU cover a wide range of topics and disciplines, providing students with opportunities for hands-on learning, skill development, and practical experience.

### **Basic Amenities:**

**Cafeteria:** A spacious cafeteria offering a variety of nutritious meals and snacks to cater to diverse dietary preferences.

**Library:** A well-stocked library with an extensive collection of books, journals, and online resources to support students' academic endeavours.

Sports Facilities: Recreation areas and sports facilities encourage students to maintain a healthy lifestyle and foster teamwork and camaraderie.

The orientation program provided new students with valuable insights into campus life and resources available at LJET. By fostering a sense of community and familiarity with campus facilities, the program aims to facilitate a smooth transition for students into their academic journey.

## Photos: Orientation Program









