



# K. S. INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Name of the Lab** : **Mobile Application Development Laboratory/  
Artificial Intelligence & Internet of Things Skill  
Laboratory/ Object Oriented Programming with  
Java Laboratory**

**Location** : **105 (NB)- Ist FLOOR**

**Name of the Lab In-charge** : **Harshavardhan J R**

**Name of the Instructor** : **Mounika G**

### Lab Details

Sl.NO	NAME OF THE LAB	SEM	NO. OF STUDENTS PER BATCH	LAB UTILIZATION PER WEEK	LAB MANUAL LINK
1	Mobile Application Development Laboratory/ Artificial Intelligence & Internet of Things Skill Laboratory/ Object Oriented Programming with Java Laboratory	III,VI, VIII	23	18 Hours-2018 Scheme  12 Hours-2021 Scheme (IPCC)	<a href="https://drive.google.com/file/d/1BEtNRF07qyCSv9GeOO5xAjTJgUz08EK4/view?usp=sharing">https://drive.google.com/file/d/1BEtNRF07qyCSv9GeOO5xAjTJgUz08EK4/view?usp=sharing</a>

### Major Equipments in the Lab:

Sl.NO	Name	Quantity
01	Dell desktop	25



### **Software used:**

Windows 8.1,Java Jdk 19,Eclipse

### **Additional Facilities created:**

MongoDB,Oracle,MS office,Visual Studio

### **Description:**

This lab has a **total area of 82 sq m**. It is utilized by 6<sup>th</sup> semester students for leaning concepts of Mobile Application Development concepts during even semester of the academics. During Odd semester the lab is used by all semester students to work on the concepts of Web Application development, Application development etc.

### **Ambiance:**

This lab has **projector** for aid of presentations and program logic explanations. It is provided with uninterrupted power supply with aid of UPS capacity of 30KVA. White/black board, Notice boards, Display boards, Instruction Boards (Do's and Dont's), Experiment charts, Lab programs lists, Lab Layouts, Vision and Mission board, PEO and PSO board are displayed in laboratory. Laboratory manuals are maintained for reference. The lab also contains Shoe Racks and Bag Racks for student convenience.

### **Safety:**

General Rules of Conduct in Laboratories are displayed. Electrical maintenance such as electrical ports, switches, network cables, lights and fans are serviced. Any failure in components is timely serviced. **e-Waste** is periodically handed over to "E-Parisaraa Pvt Ltd", which is a government

authorized electronic waste recycler. Safety aids available in the laboratory are

- Firewall
- First aid box
- Fire extinguisher