

IoT Lab:

With the boom in internet and the number of devices connected to internet on the rise, most of the industries today are beginning to adapt IOT onto their operations. IOT provides these industries an effective solution to store the data collected on cloud and carryout various analysis. Keeping in mind, the ECE department has setup the **IOT Lab** for developing IOT based applications related to Home Automation, Smart Cities, Smart Irrigation, and Smart Health Care etc.

The lab is presently utilized by B.Tech. and M.Tech. students for building their projects related to minor, major, and thesis. The lab is equipped with sufficient number of Raspberry Pi boards with various sensors and actuators modules. The high speed LAN and WiFi router are available for providing internet connectivity to Raspberry pi boards. The open source cloud platforms are utilized for data storage and analytics.