Centre of Excellence: Embedded Systems

Department of Electronics and Communication Engineering also setup a Centre of Excellence Embedded System in association with CETPA Infotech, Noida, where students learn the industrial exposure by the learning of industrial application projects.

Third year and final year students are trained on various new technologies like IoT, Industrial applications, Machine Learning, Artificial Intelligence applications, which are not covered in their regular curriculum.

Reason(s) for Creating Facility: Enhancement of current technology with Industry standards e.g. IOT & Advance Controllers

Utilization: This facility is utilized by third year students and Final year of ECE.

Students get the knowledge of industrial applications of micro controllers using different sensors using IoT, Machine Learning & Artificial Intelligence.

Areas In Which Students Are Expected To Have Enhanced Learning:

Embedded System, IoT, Machine Learning & Artificial Intelligence

Following are the Different types of controllers with IOT applications are available for students.

1. AVR controller Atmega-8 Training kit
2. Raspberry Pi IOT Modules
3. Sensors/Motors/Display modules
4. Bluetooth module/Wi-Fi