DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY
DEPARTMENT OF ECE

EMBEDDED LABORATORY

Embedded system laboratory is included in the course with the objective of enabling students and faculties of the institute to witness and be the part of the vision in which the internet prolongs into the real world embracing everyday objects. This vision is grounded in the belief that the steady advances in microelectronics, communications and information technology perceived in recent years will continue into the foreseeable future. Various fields of engineering such as embedded system, wireless sensor networks, control system, automation systems are together interconnected to form the Internet of Things (IoT). This laboratory provides extensive hands-on to design various embedded system and exposes with the tools required to turn them into IoTs.

EQUIPMENTS

- ❖ Embedded Trainer Kit – CC3200 – 32bit ARM CORTEX LAUNCHXL
- ❖ LM35 Temperature Sensor
- ❖ Stepper Motor
- ❖ Zigbee Module
- ❖ Energia Software (Open Source License)