



** Note: This syllabus may be vary as per the requirement

Module	Internet of Things (IoT)	
1	Introduction of IoT Concepts and Industry Use cases	What is Internet of Things? IoT Process, purpose and requirements IoT implantation in Industry IoT Mechanisms and process Development with Machine learning Interfacing of sensors communication and data generation IIoT coordination ,communication and solution developing
2	Internet of Things Architecture development	IoT Different level Architecture IoT Network Design IoT Cloud Architecture IoT Device solution Architecture IoT Use Case Architecture designs
5	IoT Cloud Platform and Data Processing	Introduction of cloud Concepts of cloud controland monitoring system. Role of cloud between embedded and IoT Deployment methods and Techniques
6	IoT Hands-on	Introduction of IoT hardware deigns Feature of Node MCU Internal Architecture of ESP8266 and Node MCU Programing and Implementation of IoT with cloud
7	Project List	Blink and Flash LED Server design and development IP formation and scanning IP ESP8266 with protocols configuration Home Automation project

** we will also implement some projects of Internet of Things (IoT) along with that.