Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
INF402	Introduction to the Internet of Things	7	2	0	2	3	3

Prerequisites	
Admission Requirements	

Language of Instruction	
Course Type	
Course Level	Bachelor Degree
Objective	
Content	
References	

Theory Topics

Week	Weekly Contents
1	Fundamentals of Embedded IoT Systems
2	Embedded Computing Methods
3	IoT Networks
4	Research Methods and Project Preparation
5	IoT Device Management
6	Secure Hardware and Embedded Devices
7	Embedded Processors
8	Midterm
9	Sensor Fusion Technique
10	IoT Applications in Industry
11	Sensor Based Health Applications
12	Smart Agriculture Applications
13	Applied Internet of Things - Internet of Vehicles and Applications
14	Embedded Machine Learning Algorithms