

Faculty of Engineering & Technology

Microcontroller-based Systems

Information :				
Course Code : EED321	Level :	Undergraduate	Course Hours :	3.00- Hours
Department : Communication and Computer Engineering				
Description :				
Introduction to Microcontrollers and Embedded Systems; Microcontroller: Architecture, Programming Model, Instruction Set, Exception Handling, Interrupt Controller, Efficient Embedded Programming, Memory structure and Systems. Bus Interfaces, Integrated Circuit Interfacing, support chips. Data Converters. Application-level embedded system design concepts.				