

**Course:** MICROPROCESSOR AND MICROCONTROLLER

**Scheme:** 2015

**Semester:**IV

Course Code: (15CS44)

	Course Outcome	POs/ PSOs	CL	Class Sessions ( approximate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO1	Understand the concepts of microprocessors and microcontrollers with programming concepts.	PO1/PSO3	U	10	NA	NA
CO2	Develop 8086 assembly language code to solve problems related to embedded systems and handle Interrupts.	PO1,PO3/ PSO3	AP	10	NA	NA
CO3	Design the 8086 assembly code to handle strings and signed number arithmetic and I/O programming interfacing of 8086 with 8255 PPI.	PO1,PO3/ PSO3	AP	10	NA	NA
CO4	Understand fundamentals of ARM processor and ARM Embedded Systems.	PO1/PSO3	U	10	NA	NA
CO5	Design and develop ARM assembly language code to solve problems.	PO1,PO3/ PSO3	AP	10	NA	NA
Total Hours of instruction				50		12

