

Course: Embedded Computing Systems

Scheme : 2010

Course Code:(10CS72)

Sem : 7

	Course Outcome	POs/ PSOs	CL	Class Sessions (approximate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO 1	Understand the features of embedded systems and design process.	PSO3 PO1	U	10	NA	NA
CO 2	Understand the functional blocks of ARM architecture, working of I/O devices and its programming fundamentals.	PSO3 PO1	U	12	NA	NA
CO 3	Understand the embedded systems program design, RTOS and code optimization techniques.	PSO3 PO1	U	10	NA	NA
CO 4	Understand the bus protocols like I2C bus, CAN bus and Ethernet.	PSO3 PO1	U	9	NA	NA
CO 5	Develop embedded systems modules using firmware and hardware.	PSO3 PO5 PO1	Ap	11	NA	NA
Total Hours of instruction				52		