

**Course:** Unix and Shell Programming

Course code:(10CS44)

**Scheme : 2010**

**Sem : 4**

	Course Outcome	POs/ PSOs	CL	Class Sessions (approximate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO 1	Understand the basic concepts of UNIX Architecture, different types of Files, File systems and use of basic Commands	PO1 PSO2	U	8	NA	2
CO 2	Interpret Unix commands, Shell basics and Shell Environment	PO1 PSO2	Ur	9	NA	1
CO 3	Understand the Shell Scripts, Perl Scripts and Vi editors	PO1 PSO2	U	10	NA	NA
CO 4	Understand and analyze Unix System calls, Process creation, Control, relationship	PO1 PSO2	U	9	NA	1
CO 5	Create Shell Scripts and Perl Scripts	PO1 PO3 PSO2	C	10	NA	2
Total Hours of instruction				46		6
Total				52		