

Course: System Software
Course Code:(10CS52)
Sem:5

Scheme:2010

	Course Outcome	POs/ PSOs	CL	Class Session s (approx imate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO1	Understand the performance of SIC and SIC/XE machine architectures	PO1/ PSO3	U	8	NA	NA
CO2	Analyze the features of assemblers for SIC and SIC/XE architectures	PO1 PO2/ PSO2	A	9	NA	NA
CO3	Understand the absolute loader, bootstrap loader, features and loader design options	PO1/ PSO2	U	9	NA	NA
CO4	Understand the editor structure and functions and capabilities of an interactive debugging system	PO1/ PSO2	U	8	NA	NA
CO5	Understand the functions, algorithm and data structures, features and design options of a macro processor	PO1/ PSO2	U	9	NA	NA
CO6	Understand the working of Lexical analyzer (LEX) and Parser tool (YACC)	PO1 PO5/ PSO2	U	9	NA	12
Total Hours of instruction				52		12

Course: SYSTEM SOFTWARE & OPERATING SYSTEM LAB (10CSL58) **Semester:** V

Instructors: Aruna Reddy H/ Rachitha M V

	Course Outcome	POs/ PSOs	CL	Class Sessions (approximate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO1	Analyze the lexical analyzer and parser for C Compiler using Lex and YACC tools	PO1 PO12 PSO2	U	8	NA	NA
CO2	Implement the lex and yacc programs to recognize, validate and evaluate arithmetic expressions and grammars.	PO1 PO12 PSO2	Ap	8	NA	NA
CO3	Write the C programs to create files, processes using UNIX APIs such as open(), fork(), wait() etc.. and Fibonacci series using the concept of parallel programming		Ap	8	NA	NA
CO4	Implement the shell scripts to reverse the given arguments, check file permissions and to recreate files.		Ap	9	NA	NA
CO5	Evaluate the Scheduling algorithms and deadlock concept.		E	9	NA	NA
Total Hours of instruction				42		