

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)
C01	Understand the performance of SIC and SIC/XE machine architectures.	PO1/ PSO3	U	8	NA	NA
C02	Analyze the features of assemblers for SIC and SIC/XE architectures.	PO1 PO2/ PSO2	A	9	NA	NA
C03	Understand the functions, features and design options of macro processors.	PO1/ PSO2	U	9	NA	NA
C04	Understand the functions and design options of loader, editor structure and functions and capabilities of an interactive debugging system.	PO1/ PSO2	U	8	NA	NA
C05	Analyze the working of Lexical analyzer (LEX) and Parser tool (YACC)	PO1/ PSO2	A	9	NA	NA
C06	Understand the proficiency in software development cost estimation, testing methodologies and author a software testing plan.	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		