

Subject Code: 1SC2040105	Subject Title: INTRODUCTION TO 'C' LANGUAGE
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Course Objective:

- To develop a programming logic and skills for writing programs using 'C'

Teaching scheme (hours) per week		Credit			Theory Marks		Practical Marks		Total
Lecture	Tutorial	Theory	Practical	Total	Uni. Assessment	Cont. Assessment	Uni. Assessment	Cont. Assessment	
3	1	4	-	4	60	40	--	--	100

Subject Contents			
Unit. No	Topic	Total Hours	Weight (%)
1	Constants, variables and data types, operators and expressions, managing input and output Operators.	16	25
2	Conditional statements, Decision making and branching , Decision making and looping.	16	25
3	Defining and manipulating Arrays, Logical expression and more control statements, handling of character strings.	16	25
4	User-defined functions , Some mathematical C- programs.	16	25

Course Outcome:

On successful completion of the course, students should be able to

- Students logic and ability to solve the problems efficiently using C programming will be developed.

List of References:

- Computer programming in C, V Rajaraman, PHI-2002
- "The C Programming Language" by B. W. Kernighan and B. M. Ritchie. Prentice-Hall, 1977.
- "The C Primer" by L. Hancock and M. Krieger, McGraw-Hill, 1987.

Note: - The course is roughly covered by the book, entitled "Programming in ANSI C" by E. Balagurusamy, The McGraw-Hill Pub. Co. Ltd., 1992.