

Paper Code	Subject / Paper No.	Lecture	Practical	Credit	Ext. Exam. (Th)	Ext. Exam. (Pr.)	Int. Exam.
305418	Introduction to "C" Programming (Paper No: IV)	2	2	4	50	25	25

B.COM II /BA II SEMESTER III VOCTIONAL SUBJECT INTRODUCTION TO PROGRAMMING AND PROBLEM SOLVING USING "C" IV Computer Code (B.Com -305418) (BA – 305418) 4 Credits			
Sr. No	TOPIC & DETAILS	No. of Lectures assigned	Weight in %
	Theory - 2 Lectures (2 Credits) Practical - 4 Lectures per batch (2 Credits) (Each Batch should have not more than 20 students)		
	Objective : To familiarize the trainee with basic concepts of computer programming and developer tools. To present the syntax and semantics of the "C" To understand computer programming and its roles in problem solving To understand and develop well-structured programs using C language To learn the basic data structures through implementing in C language		
Unit I	PROBLEM SOLVING Principles of Flow Charting Developing to Flow Charts	10	20
Unit II	"C" What is "C" History and Features of C Character Set & Identifiers Data Types Variables (Declaration, Rules, Classification) Key or Reserve Words Structure of C Program Header Files Operators (Arithmetic, Relational, Logical, Assignment, Increment/Decrement, Conditional/Ternary, Unary) Library Functions Transfer Control Statement Loops (While, Do - While, For)	50	80

Image Mapping Inclusions of multimedia CSS		
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Reference Book :

- "HTML and XHTML" : Gary Rebnolz, SAMS Publsiher
- "Mastering HTML 4 " ; Deborah S. Ray, Eric J. Ray, Sybex
- "The complete reference HTML and XHTML (4th Edition)": Thomas A. Powell, Tata Mcgraw hill
- "Mastering Web Designing": Mccoy
- "Running a perfect Web Site": Wynkoop
- "HTML Complete": Sybex
- "Mastering HTML 4 Premium (W/CD)": Ray
- HTML: Chuck Musciano and Bill Kennedy, O'Reilly and Associates "The Definitive Guide": 3rd Edition.