

**SARDAR PATEL UNIVERSITY**  
**Programme: BBA (Information Systems Management)**  
**Semester: II**  
**Syllabus with effect from: DECEMBER 2011**

<b>Paper Code:</b> UM02CBBS03	<b>Total Credits: 3</b>
<b>Title Of Paper:</b> C Programming	

Unit	Description in detail	Weightage (%)
<b>1</b>	<b>Concept of Algorithm &amp; flow Chart Development</b> Requirements(Needs) of Algorithm & flow chart Definition Symbols used to draw flow chart Typical examples of the flow chart and Algorithm	<b>25 %</b>
<b>2</b>	<b>Language Fundamental</b> Generation of computer language High & Low level Language Editors	<b>25 %</b>
<b>3</b>	<b>Logic Development</b> Problem Analysis Variables, expression & its manipulation Data types in high level language I/O Statements, Assignment Statements	<b>25 %</b>
<b>4</b>	<b>Structure Programming &amp; Advance Computing</b> Control Strategies , Condition & loop Statements If Else Structure, Switch Structure For loop , While loop, Do while loop Array(1-D & 2-D)	<b>25 %</b>
<b>Practical</b>		
➤	Simple Program	
➤	Control Structure – Simple If, If...Else, Nested If, Nested If. Else, Switch Case.	
➤	Looping Structure – For Loop , While Loop, Do.. While Loop.	
➤	Arry (ID)	

**Basic Text & Reference Books:**

- Balagurusami : Programming in ANSI C,Tata Mc Graw Hill Publication.
- Cooper H. Muilish H. The Spirit of C,Jaico Pub.house, New Delhi.

**Additional References:**

- Kernighan B.W. & Ritchie D.M The C Programming Language,Practices Hall India 1988
- Kanitkar Y.P: Let us C,BPB Pub. LTD.

