

# SARDAR PATEL UNIVERSITY

**Programme: B.A.**

**Syllabus with effect from: June-2018**

Choice Based Credit system

First Year B.A.

Semester- II

Core Subject: Computer Application Paper –III

**Paper Code:** UA02CCAP21 (Theory 50% + Practical 50%)

**Total Credit:** 3

**Title of Paper:** Programming Language C and Presentation Package.

<b>I</b>	<b>Concept of Algorithm and Flow Chart Development.</b> <ul style="list-style-type: none"><li>• Requirement of Algorithm and Flow Chart, Definition.</li><li>• Symbols Used to Draw Flow Chart.</li><li>• Examples of Flow Chart and Algorithms.</li><li>• <b>Language Fundamental:</b> High-low level Languages, Machine Languages Translator. Interpreter, Compiler</li></ul>	25%
<b>II</b>	<b>Logic Development.</b> <ul style="list-style-type: none"><li>• Problem Analysis.</li><li>• Variables, Expression &amp; Its Manipulation.</li><li>• Data Types in High Level Languages, Operators.</li><li>• I/O Statement, Assignment Statement.</li></ul>	25%
<b>III</b>	<b>Structured Programming.</b> <ul style="list-style-type: none"><li>• Control Strategies.</li><li>• Condition and Loop Statements.</li><li>• Method of Structured Programming. Subroutines.</li><li>• Function Calling.</li></ul>	25%
<b>IV</b>	<b>Presentation Package</b> <ul style="list-style-type: none"><li>• Introduction of Powerpoint Presentation – 2010.</li><li>• Tips to Make an Effective Presentation.</li><li>• Creating Presentation, Save, Print</li><li>• Inserting Chart, Smart Art, Image, Video, Table etc.</li><li>• Slide Animation, Slide Transition, Slide Master.</li><li>• Learning Various Types of Slide View, Slide Show Setup.</li></ul>	25%

**Practical:** Practical in computer Laboratory of above (Weightage Theory 50% + Practical 50%)

## Reference Books

- C programming By: Rajaraman
- Computer course windows 7 and office 2010 by R,K. Taxali Publisher Tata McGrawHill.
- Leon Alex & Leon Mathews(1999), “Fundamentals of Information Technology”, Leon Techworld
- Norton , Peter (2001), “Introduction to Computers”, 4th Ed., TMH.
- Walters, E. Garrison Walters(2001), “The Essential Guide to Computing: The Story of Information Technology”, PHI
- Microsoft Office 2010 training guide By Prof. Satish Jain and M Geeta BPB Publication.

