SARDAR PATEL UNIVERSITY
Programme: B.A.
Syllabus with effect from: June-2018
Choice Based Credit system
First Year B.A.
Semester- II

Generic Elective Subject: Computer Application Paper –III

Paper Code: UA02GCAP21 (Theory 50% + Practical 50%)   **Total Credit:** 3

Title of Paper: Programming Language C and Presentation Package.

I	**Concept of Algorithm and Flow Chart Development.** • Requirement of Algorithm and Flow Chart, Definition. • Symbols Used to Draw Flow Chart. • Examples of Flow Chart and Algorithms. • **Language Fundamental:** High-low level Languages, Machine Languages Translator. Interpreter, Compiler	25%
II	**Logic Development.** • Problem Analysis. • Variables, Expression & Its Manipulation. • Data Types in High Level Languages, Operators. • I/O Statement, Assignment Statement.	25%
III	**Structured Programming.** • Control Strategies. • Condition and Loop Statements. • Method of Structured Programming. Subroutines. • Function Calling.	25%
IV	**Presentation Package** • Introduction of Powerpoint Presentation – 2010. • Tips to Make an Effective Presentation. • Creating Presentation, Save, Print • Inserting Chart, Smart Art, Image, Video, Table etc. • Slide Animation, Slide Transition, Slide Master. • Learning Various Types of Slide View, Slide Show Setup.	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.