



Infopark

COMPUTER EDUCATION

SEKIDAFAR CHOWK, SRINAGAR

Accredited to **NIELIT** under accreditation no: PSR-1134

SYLLABUS FOR ADVANCED DIPLOMA IN SOFTWARE TECHNOLOGY (1 YEAR)

1. SYLLABUS OF DIPLOMA IN COMPUTER APPLICATIONS.

2. PHOTOSHOP

- ⇒ Photo editing using different tools.
- ⇒ Merging with different backgrounds and patterns provided in the library.
- ⇒ Applying different shades and effects to make comprehensive and lively pictures.

ELECTIVE: STUDENTS CAN EITHER CHOOSE COMPLETE PART I OR PART II IN FOLLOWING SYLLABUS

3. PROGRAMMING IN C

- ⇒ UNIT-I INTRODUCTION TO C: Variables, Datatypes, Identifiers, Keywords, Character set, Operators, Print f, Scan f, Getch, Library Functions.
- ⇒ UNIT-II CONTROL STRUCTURES: If, If else, If Else If, Switch Case statements, Break, Continue, LOOPS: While, Do-While, For.
- ⇒ UNIT-III ARRAYS: Single Dimension, Memory Representation of Arrays, Traversing, Deletion, Insertion, Searching Operations, Two Dimension Arrays.
- ⇒ UNIT-IV FUNCTIONS: Function Declaration, Function Call, Function Definition, Passing Arguments to functions, Passing Arrays to Functions.
- ⇒ UNIT –V POINTERS: Usage of Pointers, Pointer Declaration, Address Variable, Passing Pointers to Functions, Pointer Arithmetic.
- ⇒ UNIT- VI STRUCTURES: User Defined Data types, Passing Structures to Functions, Introduction to Files.

OR

1. TALLY ERP 9.0

- ⇒ Creating different accounts under different heads.
- ⇒ Payroll maintenance.
- ⇒ Manufacturing journal etc.

2. PROGRAMMING IN C

- ⇒ UNIT-I INTRODUCTION TO C: Variables, Datatypes, Identifiers, Keywords, Character set, Operators, Print f, Scan f, Getch, Library Functions.
- ⇒ UNIT-II CONTROL STRUCTURES: If, If else, If Else If, Switch Case statements, Break, Continue, LOOPS: While, Do-While, For.