

FACULTY OF COMPUTER SCIENCE & IT

SYLLABUS FOR

Diploma in Computer Applications

(Semester I-II)

(Under Continuous Evaluation System)

Session: 2022-23



The Heritage Institution

**KANYA MAHA VIDYALAYA
JALANDHAR
(Autonomous)**

PROGRAM SPECIFIC OUTCOMES
Diploma in Computer Applications

Session 2022-23

After completing the Diploma Course in Computer Applications, the Students will be able to:

PO1: Comprehend the fundamentals of computer system and its basic components- Hardware & Software.

PO2: Get familiar with various concepts of computer networks, communication media and use of numerous internet applications efficiently for personal as well as professional purpose.

PO3: Manage all office automation tasks from word processing to making presentations, from handling worksheets to managing databases in an efficient manner.

PO3: Perform DTP (Desktop Publishing) applications to design or edit photos.

Diploma in Computer Applications Semester – I

Session 2022-23

COURSE CODE: DCAM–1111

INFORMATION TECHNOLOGY AND OPERATING SYSTEM

Course Outcomes:

After passing this course the student will be able to:

CO1: identify different components and software of computer system

CO2: Comprehend communication between computers through network

CO3: Comprehend basics of internet, emails and different operating systems

CO4: Apply different DOS commands for performing different set of operations like rename, delete, create, edit etc.

Diploma in Computer Applications Semester – I

Session 2022-23

COURSE CODE: DCAM–1112

PC COMPUTING–I

(BACK-OFFICE OPERATIONS)

Course Outcomes:

After passing this course the student will be able to:

CO1: Identify different components of a window screen

CO2: Understand Word Processor, Create, Edit and Format documents, Work with Tables, Import and Export data between Files, Save, Protect and Print documents

CO3: Create effective presentations, can apply designs to enhance the look of the presentation, print a presentation etc.

CO4: Work on Spreadsheet application for office tasks

Diploma in Computer Applications Semester – II

(Session 2022-23)

COURSE CODE: DCAM - 2111

DATABASE MANAGEMENT SYSTEM

Course Outcomes:

After the completion of this course, the student will be able to:

CO1: Comprehend different components and architecture of database management system

CO2: Comprehend various database models and normalization of data

CO3: Apply SQL to formulate queries and design basic level of database

CO4: Comprehend the use of Programming Language constructs like function, procedure, packages etc. in database

Diploma in Computer Applications Semester – II

(Session 2022-23)

COURSE CODE: DCAM - 2112

PC COMPUTING–II

(Professional DTP)

Course Outcomes:

After passing this course the student will be able to:

CO1: Apply different tools in Photoshop for making graphics

CO2: Comprehend different color models and concepts of layers in Photoshop

CO3: Apply different tools in CorelDraw for making graphics

CO4: Apply different kind of transformation, grouping, special effects etc.