

Branch Name:	Faculty of Design
Program Code:	MS102
Course Name:	Computer Added Design (CAD) - I
Course Code:	21-SEC109-1C
Pre-requisite Course:	

Course Objectives:

- To develop advanced digital design skills for fashion applications.
- To familiarize students with professional CAD software used in the fashion industry.
- To enable students to create digital fashion illustrations, technical drawings, and textile designs.
- To integrate digital tools into fashion product development and presentation.

Teaching and Examination Scheme:

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)								Total (Marks)
Lecture (L)	Tutorial (T)	Practical (P)	Credit	Theory (Marks)				Practical (Marks)				
				University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
				Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
-	-	4	2	-	-	-	-	09	25	09	25	50

Subject Contents:

Sr.No	Topic	Total Hours	Weightage (%)
1	Module 1: Introduction to Computer and Digital Design 1. Introduction to computers and their role in design. 2. Introduction to various design software's (Corel draw, Adobe Suit) 3. Various tools of Coral Draw 4. Advantage of work done using Corel software	6	25%
2	Module 2: Basics of Graphic Software 1. Overview of design software and digital tools. 2. Understanding tools, menus, and panels. 3. Creating and editing simple digital images. 4. Working with layers, shapes, and colours.	6	25%
3	Module 3: Digital Drawing and Composition 1. Introduction to Adobe suit tools. 2. Creating simple shapes and illustrations. 3. Colour filling and gradients in digital design. 4. Basic composition using digital elements.	6	25%
4	Module 4: Image Editing and Visual Effects 1. Cropping, resizing, and adjusting images. 2. Working with filters and effects. 3. Combining images and creating collages. 4. Exporting and saving digital files in different formats.	6	25%

Reference Books:

Sr. No.	Books
1	Adobe Creative Team, Adobe Photoshop 7.0 Classroom in a Book, 25 June 2002, 592 pages
2	KatrinEismann, Photoshop Restoration Retouching, New Riders Publisher, 472 pages
3	Scott Kelby, The Adobe Photoshop CC Book for Digital Photographers, New Riders; 2017 ed. edition (8 December 2016), 360 pages

Course Learning Outcomes (CLO):On completion of this course ,the students will be able to:

CLO	Description	Bloom's Taxonomy Level
CLO1	Identify basic computer operations and CAD tools used in fashion design.	2 Understanding
CLO2	Use digital drawing tools to create simple fashion sketches.	1 Remembering
CLO3	Develop basic textile motifs and repeat patterns digitally.	3 Applying
CLO4	Create garment flats and simple technical illustrations.	4,5 Evaluate, Analyse
CLO5	Prepare digital presentation boards and design layouts.	3, 6 Applying, Creative

Mapping of CLOs with Pos&PSOs

Course	Program Outcomes(POs)										Program Specific Outcomes (PSOs)	
Learning Outcomes	PO 1	PO 2	PO 3	PO4	PO 5	PO 6	PO	PO 8	PO9	PO10	PSO1	PSO2
CLO1		M			L						M	
CLO2	M			H		H						M
CLO3	M		M				L				H	
CLO4		H				H		M				M
CLO5			H		M			H		M	M	
CLO6	M			H		H	M					M

H:High, M:Medium, L:Low