

School of Design

1. Course Name: Fundamentals of Design I

Course Code: 9FODN1011

CO1: Understand elements and principles of design and their relevance in the context of a design process

CO2: Apply and relate design elements and principles in the content of 2D and 3D environment

CO3: To facilitate effective use of art media, develop rendering skills, colour me, colour scheme and color psychology.

CO4: To introduce Adobe Photoshop / Inkscape / Krita software to enable students to use different tools and shape their understanding of color in the digital space.

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*		*	*	*	*	*	*	*	*
2	*	*	*		*	*	*		*	*
3	*	*	*		*	*	*		*	
4	*		*	*	*	*	*	*		*

2.Course Name: Typography I

Course Code: 9CDES1011

CO1: Understand the evolution of typography and print

CO2: Construct a series of letters and fonts in traditional and digital mediums

CO3: Understand and apply Typographic Rules, Families and Styles in their design process

CO4: Be able to design effective verbal and visual communication with appropriate typography choices and adhere to typographic rules

CO-PO-PSO Mapping



CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*		*			*	*		*	
2	*		*			*	*			
3	*		*				*		*	
4	*		*			*	*		*	

3.Course Name: Visual Identity Design I

Course Code: 9CDES1021

CO1: Understand meaning of symbols and how to design them

CO2: Understand various research methods and mechanisms of Persona Definition and apply the same to themselves

CO3: Design a logo for themselves based on self-analysis

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*			*	*	*	*	*
2	*	*	*		*	*		*	*	
3	*	*	*	*	*	*	*	*	*	*

4.Course Name: Layout Design I

Course Code: 9CDES1031

CO1: Design a printed collateral such as visiting card, letterhead, envelope

CO2: Design a multi page print document - redesign a portfolio of work including an SOP



CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*		*	*	*		*
2	*		*	*	*	*	*		*	*

5.Course Name: Introduction to Product Design (Idea to Prototype)

Course Code: 9PDES1011

CO1: Conduct research and articulate the brief of a given problem.

CO2: Ideate and render concepts for effective communication

CO3: CAD model / required drawings preparation for prototyping

CO4: Prototype by using 3D technologies and refine based on feedback received from target audience

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*
3		*	*		*		*	*	*	*
4	*	*	*	*	*	*	*	*	*	*

6.Course Name:Project I

Course Code: 9PROJ1011

CO1: Design a visual identity for themselves, and apply this process for future design requirements.

CO2: Design appropriate print collaterals supporting the visual identity designed for themselves



CO3: Design an appropriate product supporting the visual identity designed for themselves

CO4: Design and maintain a portfolio of their own work as per industry standards, with integrated visual identity design

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*		*	*	*	*	*
2	*		*	*		*	*	*	*	*
3	*	*	*	*		*	*	*	*	*
4	*	*	*	*		*	*	*	*	*

7.Course Name:Drawing I

Course Code: 9FODN1021

CO1: Intuitive representation using appropriate medium as per the context.

CO2: Confident to translate thought on paper

CO3: Understand and translate technical drawings required for product development and fabrication.

CO4: Improve observation skills to grasp details of surroundings

CO5: To understand the proportions and contours of the human form, to develop an illustration style and develop fabric rendering skills. (Babu)

CO6: To develop different types of perspective views of spaces and objects.

CO7 : To implement the fundamentals of design through drawing , understand the outlook of an object and learn principles of Drawing

CO8 : understand the human anatomy and Proportion

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5



1	*		*	*		*		*	*	
2	*	*	*		*	*	*	*	*	*
3	*		*	*	*	*			*	*
4	*	*	*	*	*	*	*	*		*
5	*	*		*	*	*	*	*		*
6	*	*	*		*	*	*		*	

8.Course Name:Introduction to Fashion Design (Idea to Prototype)

Course Code: 9FDES1011

CO1: Create an effective, usable, wearable outfit

CO2: Understand the process of ideation to hard prototyping and final presentation of fashion products

CO3: Understand pattern making and garment construction

CO4: Develop a sensitivity for the right kind of finish on the garment

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*
3		*		*	*	*	*		*	*
4		*		*	*	*	*		*	*

9.Course Name: Introduction to Interior Design (Idea to Prototype)

Course Code: 9IDES1011

CO1: Create models of functional and aesthetically pleasing interior spaces.

CO2: Develop ideation to final design.

CO3: Draw quick perspective space ideation drawing

CO4: Create quick floor plans.



CO5: Create soft prototype for space visualization with lighting and material.

CO6: Make scaled down hard prototypes to complete the visualization process.

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2		*	*	*		*			*	*
3		*	*	*		*			*	*
4	*	*	*	*	*	*	*	*	*	*
5	*	*	*			*	*	*	*	*
6	*	*	*			*	*	*	*	*

10.Course Name: Project II
Course Code: 9PROJ1021

CO1: Design a meaningfully structured and aesthetically pleasing portfolio of work of professional standards in printed and digital formats

CO2: Present the portfolio of work in public with confidence, self belief and optimism

CO3: Reflect on the learning experience in 4 streams of Design (CD,PD,FD,ID), and define own likes/dislikes, strengths, talent, skills and knowledge as an individual advantage, which were acquired during the academic year

CO4: Define an informed individual choice of further studies in a specific design stream.

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5



1			*	*		*		*	*	*
2			*	*					*	*
3	*		*	*		*	*	*	*	*
4			*	*	*	*	*		*	*

11.Course Name: Fundamentals of Design II

Course Code: 9FODN2011

CO1: Precise 2D drawings of various geometrical forms showing construction

CO2: Construct 3D platonic solids and patterns

CO3: To construct precise tessellations.

CO4: Implement construction methods on various materials.

CO5: Investigate color symbolism and their meanings in different cultural contexts..

CO6: Develop a comprehensive understanding of color theory

CO7: understand relation between poor postures and ergonomic hazards

CO8: create products and systems that are efficient, comfortable, and safe

CO9: Design and develop prototypes for ergonomic testing

CO10: Consider anthropometric data while designing

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*			*	*	*		*	*
2	*		*	*	*	*			*	*
3	*	*	*		*	*		*	*	*
4	*	*	*	*	*	*	*		*	
5	*		*	*		*	*		*	*
6	*	*		*	*	*	*	*	*	*
7	*	*	*		*	*	*	*	*	*



8	*	*	*		*	*	*	*	*	*
9		*	*	*		*	*	*	*	*
10	*		*	*	*	*	*	*		*

12.Course Name: History of Art & Design I

Course Code:9FODN2021

CO1: Comprehend the examples of architecture, objects, visual and sculptural art of the Prehistoric Period and Ancient Civilizations

CO2: Apply visual and tactile elements of the styles dominant in historic periods to contemporary design, whenever relevant

CO3: Understand how socio-economical, technological, political, religious factors influenced art, architecture and design of specific periods

CO-PO-PSO Mapping

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*		*	*	*
2	*	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*		*	*	*
5	*	*	*	*	*	*	*	*	*	*

13.Course Name: Computer Aided Design I

Course Code: 9PDES2031

CO1: prepare 2D orthographic drawings which can be printed on plotters with reference to production / prototyping

CO2: Create 2D realistic renderings with reference to design presentations

CO3: Build 3D models for 3D printing with reference to ergonomic analysis, visualization of aesthetics and design presentation

CO4: Construct parametric models and assembly

CO-PO-PSO Mapping



CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*				*	
2	*		*		*	*		*	*	*
3	*	*	*	*	*	*		*	*	*
4	*		*		*	*		*	*	*

14.Course Name: Packaging Design
Course Code: 9PDES2041

CO1: Prepare questionnaires for the specific product / service / system and conduct field visit and maintain recordings

CO2: Articulate design brief based on research findings and prepare reports / presentations

CO3: Design product in paper or plastic by using the appropriate production technique for given quantity

CO4: articulate the concept considering paper and plastic in packaging

CO5: Identify type of plastic by conducting respective tests

CO6: Design packaging keeping environment considerations

CO7: Prepare, analyse and read production drawings

CO8: generate quick concept renders

CO9:To understand graphic design and mandatory information for different packaging.

CO10: to Design a layout and graphics for a package.

CO-PO-PSO Mapping

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	
2			*	*		*	*	*	*	
3	*		*	*	*	*	*	*		*
4	*		*	*	*	*		*	*	
5	*	*	*	*		*	*	*	*	



6	*	*		*	*	*	*	*	*	*
7	*			*	*	*	*		*	
8	*	*	*	*	*	*	*	*	*	*
9	*		*	*	*	*	*			*
10	*	*	*	*	*	*			*	*

15.Course Name: Project III

Course Code: 9PROJ2011

CO1: Design a complete packaging for given brief

CO2: Ideate an appropriate concept based on gained research findings

CO3: Propose an material and manufacturing technique for selected concept

CO4: Develop an CAD model along with renders in respective software

CO-PO-PSO Mapping

						PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*
3		*		*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*

16.Course Name: TEXTILE DESIGN

Course Code: 9FDES2031

CO1: To improve fluency in expressing motif design concepts

CO2: To use illustration as a means to ideate

CO3: To gain confidence in creatively presenting the work.

CO4: To widen the horizon of tools that are used to develop and present work.

CO5: The knowledge of creating seamless pattern design and its application.

CO-PO-PSO Mapping

CO-PO-PSO Mapping		
CO	PO	PSO



	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*		*	*
2	*		*	*			*	*	*	*
3	*	*	*		*	*		*	*	*
4	*	*	*		*	*	*		*	*
5	*		*	*	*	*	*		*	*

17.Course Name: TEXTILE SCIENCE

Course Code: 9FDES2041

CO1: Understand the classification and characteristics and use of textile

CO2: Analyse the type of fibre, yarn and structure of the fabric using technical and non-technical tests and finding suitable end-uses

CO3: To identify different kinds of fibers, yarns, methods of fabric construction

CO4: To know the performance & suitability of fabric, identify & differentiate fabric structures

CO5: Will have a working knowledge of cloth surface decoration (wet processing,dyeing and printing).

CO6: To test the fabric as per the quality standards specified.

CO7: Will widen the career opportunity for the students in textile as well as testing companies.

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*		*
2	*	*	*		*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*
5	*	*	*			*	*			
6	*	*	*		*	*	*	*	*	*



7	*	*	*	*	*	*	*	*		*
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18.Course Name: PROJECT III

Course Code:9PROJ2011

CO1: Design a Saree based on the given brief

CO2: Ideate an appropriate concept based on gained research findings

CO3: Propose an design plan, material and technique for selected concept

CO4: Develop a design plan model along with renders in respective software

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*
3		*		*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*

19.Course Name: Residential Interior Design

Course Code:9IDES2041

CO1: In Depth understanding of spaces through analysis and will know the trending materials in market

CO2: To develop a user oriented Residential interior space for an existing site.

CO3:To make interior spaces more utilized in terms of effectiveness and accessibility

CO4: To make 2D Interior service drawings

CO5: To develop 2D working diagrams like furniture layout plan, section and elevation.

CO6: To develop the 3D model of residential space in sketchup software with all the details

CO7:To develop the photorealistic renders in Vray rendering software

CO-PO-PSO Mapping



CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*		*			*				*
2	*	*			*	*	*	*		*
3	*	*	*		*	*	*	*	*	
4	*	*			*	*	*	*		*
5	*	*		*	*	*	*	*	*	*
6	*			*	*	*	*			
7	*		*	*	*	*	*		*	

20.Course Name: Project III
Course Code:9PROJ2011

CO1: Create a residential interior space that meets current professional standards

CO2: Demonstrate their work through a presentation format using PowerPoint (.ppt).

CO3: Clearly articulate and differentiate their strengths, talents, skills, and knowledge, and align the portfolio content accordingly

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*

21.Course Name: Packaging Design - Elements of Graphics
Course Code: 9CDES2031

CO1: Apply the techniques of Illustration.

CO2: Create Illustration for FMCG products. .

CO3: Convert traditional illustration to Digital medium.



CO4: To Design Logo and taglines and copy of Packaging Design using typography using digital Software (adobe Illustrator)

CO5: To Understand the effective use of typography in a packaging design

CO6: To learn mandatory information for packaging design.

CO7: To Understand the Layout and communication of Contents of Packaging design.

CO8: To create Layout using digital software (Adobe Illustrator)

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2	*		*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*
4			*	*	*	*	*	*	*	*
5	*		*	*	*	*		*	*	*
6	*		*	*	*	*	*	*	*	*
7	*		*	*	*	*	*	*	*	*
8	*	*	*	*	*	*	*	*	*	*

22.Course Name: Packaging Design

Course Code: 9CDES2041

CO1: Prepare questionnaires for the specific product / service / system

CO2: Conduct field visit and maintain recordings

CO3: Prepare reports and presentations

CO4: Articulate design brief based on research findings

CO5: Apply above research methods in their interest of domain / future projects

CO6: Design product in paper by using the appropriate production technique for given quantity



CO7: articulate the concept considering paper as material in packaging

CO8: Design a 3d form of the designed packaging by using paper

CO9:To understand graphic design for different FMCG product packaging.

CO10: to Design a layout for a package.

CO11: To create graphics for the package.

CO12 : Aware about the mandatory information of packaging design.

CO13:To learn mandatory information for packaging design.

CO14: To Understand the Layout and communication of Contents of Packaging design.

CO15: To create Layout using digital software (Adobe Illustrator)

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*
4			*	*	*	*	*	*	*	*
5	*		*	*	*	*		*	*	*
6	*		*	*	*	*	*	*	*	*
7	*		*	*	*	*	*	*	*	*
8	*	*	*	*	*	*	*	*	*	*
9	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*
13	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*



23.Course Name: Project III
Course Code: 9PROJ2011

CO1: Design a complete packaging for given brief

CO2: Ideate an appropriate concept based on gained research findings

CO3: Propose an material and manufacturing technique for selected concept

CO4: Develop an CAD model along with renders in respective software

24.Course Name: Elective 01 (Tensile structures)
Course Code: 9PDES2061

CO1: Apply concept of tensegrity in furnitures (collapsible furniture)

CO2: Make working drawings to communicate with fabricators

CO3: decide materials required for creating tensile structures

CO4: apply principles of tensegrity in the context of - indoor / outdoor furniture ,efficient and effective use of material, cost reduction and quicker fabrication

CO-PO-PSO Mapping

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*		*	*	*	*		*
2	*		*		*	*	*		*	*
3	*	*		*		*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*

25.Course Name: History of Art & Design II
Course Code: 9FODN2071

CO1: Comprehend the examples of architecture, objects, visual and sculptural art of Early Christian Art, Medieval Europe, and Renaissance

CO2: Apply visual and tactile elements of the styles dominant in historic periods to contemporary design, whenever relevant



CO3: Understand how socio-economical, technological, political, religious factors influenced art, architecture and design of specific periods

CO-PO-PSO Mapping

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*		*	*		*	*	*
2	*	*	*		*	*	*	*	*	*
3	*	*	*		*	*	*	*	*	*

26.Course Name: Furniture Design
Course Code: 9PDES2081

CO1: Choose and use mechanisms to achieve a prescribed movement / mechanical advantage

CO2: Analyse mechanisms in existing products and furnitures

CO3: analyze furniture, spaces, and communication materials from usability perspective and redesign keeping in mind target audience

CO4: understand relation between poor postures and ergonomic hazards

CO5: Design and develop prototypes for ergonomic testing

CO6: Design Furniture in wood, hemp, bamboo and metal by using the appropriate production technique

CO7: discuss the relevance of specific material in given furniture

CO8: Document using illustration, photographs and text to showcase types of furniture based on the following factors - sociocultural influences, technological influences, Type, Usage, Materials, Scale, Measurement, made by, Origin...

CO9: understand and implement visual design / aesthetics , joinaries, finishes and overall aesthetics in upcoming design project

CO10: prepare design document and presentation for selected product/furniture

CO11: To be able to respond as a designer ,to the ever changing trends and styles

CO-PO-PSO Mapping

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*		*	*	*	*	*	*	*	*



2		*	*		*	*			*	*
3	*	*	*		*	*	*	*		*
4	*	*	*		*	*	*	*	*	*
5		*	*	*		*	*	*	*	*
6	*	*	*	*	*	*	*	*	*	*
7		*	*	*		*	*	*	*	*
8	*	*	*	*		*	*		*	*
9	*	*	*	*	*	*	*	*	*	*
10	*	*	*		*	*	*		*	*
11	*	*	*	*	*	*	*	*	*	*

27.Course Name: Computer Aided Design II

Course Code: 9PDES2091

CO1: Understand fundamental concepts in 3D modeling, including polygons, vertices, edges, and surfaces.

CO2: Proficiently use 3D modeling software such as Autodesk fusion 360, Sketchup,etc. to create three-dimensional objects.

CO3: Render 3D models to produce high-quality images and animations, utilizing rendering engines and understanding rendering settings and options

CO4: Iterate on 3D designs, addressing design challenges, refining models based on feedback, and continuously improving designs through an iterative design process

CO-PO-PSO Mapping

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*		*	*	*	*	*
2	*	*	*	*	*	*	*		*	*
3	*	*	*	*		*	*	*	*	*
4	*	*	*		*	*	*	*	*	*

28.Course Name: Project IV

Course Code: 9PROJ2021

CO1: Design furniture for given brief



CO2: Ideate and render an appropriate concept based on gained research findings

CO3: Propose an material and manufacturing technique for selected concept

CO4: Develop an CAD model along with renders in respective software

CO5: Make physical prototype in 1:1 scale

CO-PO-PSO Mapping

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*		*	*	*	*	*	*
2	*	*	*		*	*	*	*	*	*
3	*	*	*		*	*	*	*	*	*
4	*	*	*		*	*	*	*	*	*
5	*	*	*		*	*	*	*	*	*

29.Course Name: ELECTIVE - 01 (Fashion Styling)

Course Code: 9FDES2061

CO1: Individual should be able to groom and style for any concept / theme

CO2: Will know about various garments suitable for different occasions

CO3: Understand, analyze and suggest new looks to build a character as per the clients / theme requirement

CO4: Understand and and explore fashion photography and product photography

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*		*	*	*	*	*	*	*	*
2	*		*	*			*	*	*	
3	*	*	*	*	*	*	*		*	*
4	*	*	*		*	*	*	*	*	*



30.Course Name: FASHION THEORY & DESIGN

Course Code: 9FDES2081

CO1: Students will understand the fundamental aspects of fashion, terminology and theories related to fashion

CO2: Explain the process of fashion diffusion across the consumer segments, regulatory bodies and fashion profession

CO3: To improve fluency in expressing fashion concepts ideas through illustration

CO4: To widen the horizon of tools that may used to develop and present work

CO5: To gain confidence and build a sense of comfort in the use of drawing and presentation

CO-PO-PSO Mapping

CO-PO-PSO-Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*		*	*
2	*		*	*			*	*	*	*
3	*	*	*		*	*		*	*	*
4	*	*	*		*	*	*		*	*
5	*		*	*	*	*	*		*	*

31.Course Name: APPAREL CONSTRUCTION

Course Code: 9FDES2091

CO1: to have an in-depth knowledge of the principles of draping, pattern making, and its concepts in order to produce design variations and make clothing

CO2: To make pattern for various clothing style as well as based on gender

CO3: To convert two dimensional form into three dimensional form of a garment.

CO4: To understand the grain of fabric and its behaviour while pattern making and draping.

CO5: Learn various techniques of pattern making and its application in [pattern development.

CO6 : To be able to stitch and finish the garment with appropriate seams and trims.



CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*		*	*	*	*	*
2	*	*	*			*	*		*	*
3	*	*	*	*		*	*	*		*
4	*	*	*	*	*	*	*	*	*	*
5	*	*	*	*	*	*	*	*		*
6	*	*	*	*		*	*	*	*	*

32.Course Name: PROJECT - IV
Course Code: 9PROJ2021

CO1: To design and create uniforms for a particular work sector.

CO2: Ideate an appropriate concept based on gained research findings

CO3: Propose an plan, material and technique for selected concept

CO4: Develop a digital and physical portfolio with respective software

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*		*	*	*	*	*
2	*	*	*		*	*	*	*	*	
3	*			*	*	*	*		*	*
4	*		*	*	*	*	*	*	*	*

33.Course Name: ELECTIVE 01 (Photography)



Course Code: 9CDES2061

CO1: to understand the principles of photography.

CO2 : able to understand the lighting of photography.

CO3 : to be aware of the various possibilities of photography.

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*					*	*			*
2	*					*	*			*
3	*				*	*				*

34.Course Name: Branding I

Course Code: 9CDES2081

CO1:To Understand the concept of branding and brand identity.

CO2: To create a Brand identity to implement on an explainer Product.

CO3: To use the market research for creating effective brand identity.

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*		*	*	*	*	*	*	*	*
2	*		*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*

35.Course Name: Responsive Website Design & Social Media Design

Course Code: 9CDES2091



CO1: To Learn how to effectively communicate messages and information through visual elements in graphics.

CO2: To Learn how to optimize infographics for different platforms, including web, social media, and print.

CO3: To create graphics and Infographics for Explainer digital Content.

CO4: To create visually appealing and user-friendly websites that adapt to different screen sizes and devices using Digital tools (eg : Adobe XD)

CO5: to gain awareness about the programming language used for web design.

CO6: To Create Design campaigns for social media using digital tools (Adobe photoshop , Adobe Illustrator)

CO-PO-PSO Mapping

CO-PO-PSO Mapping										
CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*
4	*		*	*	*	*	*	*		*
5	*	*	*	*	*	*	*	*	*	*
6	*	*	*	*	*	*	*	*	*	*

36.Course Name: Project IV
Course Code: 9PROJ2021

CO1: Design Brand according to given brief

CO2: Ideate an appropriate concept based on gained research findings

CO3: Create promotional design in web interface

CO4: Create branding Campaign design for the platform of social media

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	*



2	*		*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*

37.Course Name: Elective 01 (Interior Styling)
Course Code:9IDES2061

CO1: Apply the concept of interior styling in a space

CO2: Developing an idea using multiple materials.

CO3: Implementation of interior style

CO-PO-PSO Mapping

CO	PO					PSO				
	1	2	3	4	5	1	2	3	4	5
1	*	*	*	*	*	*	*	*	*	
2	*	*	*	*	*	*	*	*	*	*
3	*	*				*	*		*	*



School of Design

Batch 2022-23

1. Course Name: Fundamentals of Design I
Course Code: 9FODN1011

CO1: Understand elements and principles of design and their relevance in the context of a design process

CO2: Apply and relate design elements and principles in the content of 2D and 3D environment

CO3: To facilitate effective use of art media, develop rendering skills, colour me, colour scheme and color psychology.

CO4: To introduce Adobe Photoshop / Inkscape / Krita software to enable students to use different tools and shape their understanding of color in the digital space.

2.Course Name: Typography I
Course Code: 9CDES1011

CO1: Understand the evolution of typography and print

CO2: Construct a series of letters and fonts in traditional and digital mediums

CO3: Understand and apply Typographic Rules, Families and Styles in their design process

CO4: Be able to design effective verbal and visual communication with appropriate typography choices and adhere to typographic rules

3.Course Name: Visual Identity Design I
Course Code: 9CDE 1021

CO1: Understand meaning of symbols and how to design them

CO2: Understand various research methods and mechanisms of Persona Definition and apply the same to themselves

CO3: Design a logo for themselves based on self-analysis

4.Course Name: Layout Design I
Course Code: 9CDE 1031

CO1: Design a printed collateral such as visiting card, letterhead, envelope

CO2: Design a multi page print document - redesign a portfolio of work including an SOP



5.Course Name: Introduction to Product Design (Idea to Prototype)

Course Code: 9PDES1011

CO1: Conduct research and articulate the brief of a given problem.

CO2: Ideate and render concepts for effective communication

CO3: CAD model / required drawings preparation for prototyping

CO4: Prototype by using 3D technologies and refine based on feedback received from target audience

6.Course Name:Project I

Course Code: 9PROJ1011

CO1: Design a visual identity for themselves, and apply this process for future design requirements.

CO2: Design appropriate print collaterals supporting the visual identity designed for themselves

CO3: Design an appropriate product supporting the visual identity designed for themselves

CO4: Design and maintain a portfolio of their own work as per industry standards, with integrated visual identity design

7.Course Name:Drawing I

Course Code: 9FODN1021

CO1: Intuitive representation using appropriate medium as per the context.

CO2: Confident to translate thought on paper

CO3: Understand and translate technical drawings required for product development and fabrication.

CO4: Improve observation skills to grasp details of surroundings

CO5: To understand the proportions and contours of the human form, to develop an illustration style and develop fabric rendering skills. (Babu)

CO6: To develop different types of perspective views of spaces and objects.

CO7 : To implement the fundamentals of design through drawing , understand the outlook of an object and learn principles of Drawing

CO8 : understand the human anatomy and Proportion



8.Course Name:Introduction to Fashion Design (Idea to Prototype)

Course Code: 9FDES1011

CO1: Create an effective, usable, wearable outfit

CO2: Understand the process of ideation to hard prototyping and final presentation of fashion products

CO3: Understand pattern making and garment construction

CO4: Develop a sensitivity for the right kind of finish on the garment

9.Course Name: Introduction to Interior Design (Idea to Prototype)

Course Code: 9IDES1011

CO1: Create models of functional and aesthetically pleasing interior spaces.

CO2: Develop ideation to final design.

CO3: Draw quick perspective space ideation drawing

CO4: Create quick floor plans.

CO5: Create soft prototype for space visualization with lighting and material.

CO6: Make scaled down hard prototypes to complete the visualization process.

10.Course Name: Project II

Course Code: 9PROJ 1021

CO1: Design a meaningfully structured and aesthetically pleasing portfolio of work of professional standards in printed and digital formats

CO2: Present the portfolio of work in public with confidence, self belief and optimism

CO3: Reflect on the learning experience in 4 streams of Design (CD,PD,FD,ID), and define own likes/dislikes, strengths, talent, skills and knowledge as an individual advantage, which were acquired during the academic year

CO4: Define an informed individual choice of further studies in a specific design stream.

11.Course Name: Fundamentals of Design II

Course Code: 9FODN2011

CO1: Precise 2D drawings of various geometrical forms showing construction



CO2: Construct 3D platonic solids and patterns
CO3: To construct precise tessellations.
CO4: Implement construction methods on various materials.
CO5: Investigate color symbolism and their meanings in different cultural contexts..
CO6: Develop a comprehensive understanding of color theory
CO7: understand relation between poor postures and ergonomic hazards
CO8: create products and systems that are efficient, comfortable, and safe
CO9: Design and develop prototypes for ergonomic testing
CO10: Consider anthropometric data while designing

12.Course Name: History of Art & Design I
Course Code:9FODN2021

CO1: Comprehend the examples of architecture, objects, visual and sculptural art of the Prehistoric Period and Ancient Civilizations
CO2: Apply visual and tactile elements of the styles dominant in historic periods to contemporary design, whenever relevant
CO3: Understand how socio-economical, technological, political, religious factors influenced art, architecture and design of specific periods

13.Course Name: Computer Aided Design I
Course Code: 9PDES2031

CO1: prepare 2D orthographic drawings which can be printed on plotters with reference to production / prototyping
CO2: Create 2D realistic renderings with reference to design presentations
CO3: Build 3D models for 3D printing with reference to ergonomic analysis, visualization of aesthetics and design presentation
CO4: Construct parametric models and assembly

14.Course Name: Packaging Design
Course Code: 9PDES2041

CO1: Prepare questionnaires for the specific product / service / system and conduct field visit and maintain recordings
CO2: Articulate design brief based on research findings and prepare reports / presentations



CO3: Design product in paper or plastic by using the appropriate production technique for given quantity

CO4: articulate the concept considering paper and plastic in packaging

CO5: Identify type of plastic by conducting respective tests

CO6: Design packaging keeping environment considerations

CO7: Prepare, analyse and read production drawings

CO8: generate quick concept renders

CO9: To understand graphic design and mandatory information for different packaging.

CO10: to Design a layout and graphics for a package.

15.Course Name: Project III

Course Code: 9PROJ2011

CO1: Design a complete packaging for given brief

CO2: Ideate an appropriate concept based on gained research findings

CO3: Propose an material and manufacturing technique for selected concept

CO4: Develop an CAD model along with renders in respective software

16.Course Name: TEXTILE DESIGN

Course Code: 9FDES2031

CO1: To improve fluency in expressing motif design concepts

CO2: To use illustration as a means to ideate

CO3: To gain confidence in creatively presenting the work.

CO4: To widen the horizon of tools that are used to develop and present work.

CO5: The knowledge of creating seamless pattern design and its application.

17.Course Name: TEXTILE SCIENCE

Course Code: 9FDES2041

CO1: Understand the classification and characteristics and use of textile

CO2: Analyse the type of fibre, yarn and structure of the fabric using technical and non-technical tests and finding suitable end-uses

CO3: To identify different kinds of fibers, yarns, methods of fabric construction

CO4: To know the performance & suitability of fabric, identify & differentiate fabric structures



CO5: Will have a working knowledge of cloth surface decoration (wet processing, dyeing and printing).

CO6: To test the fabric as per the quality standards specified.

CO7: Will widen the career opportunity for the students in textile as well as testing companies.

18.Course Name: PROJECT III

Course Code:9PROJ2011

CO1: Design a Saree based on the given brief

CO2: Ideate an appropriate concept based on gained research findings

CO3: Propose an design plan, material and technique for selected concept

CO4: Develop a design plan model along with renders in respective software

19.Course Name: Residential Interior Design

Course Code:9IDES2041

CO1: In Depth understanding of spaces through analysis and will know the trending materials in market

CO2: To develop a user oriented Residential interior space for an existing site.

CO3: To make interior spaces more utilized in terms of effectiveness and accessibility

CO4: To make 2D Interior service drawings

CO5: To develop 2D working diagrams like furniture layout plan, section and elevation.

CO6: To develop the 3D model of residential space in sketchup software with all the details

CO7: To develop the photorealistic renders in Vray rendering software

20.Course Name: Project III

Course Code:9PROJ2011

CO1: Create a residential interior space that meets current professional standards

CO2: Demonstrate their work through a presentation format using PowerPoint (.ppt).

CO3: Clearly articulate and differentiate their strengths, talents, skills, and knowledge, and align the portfolio content accordingly

21.Course Name: Packaging Design - Elements of Graphics



Course Code: 9CDES2031

CO1: Apply the techniques of Illustration.

CO2: Create Illustration for FMCG products. .

CO3: Convert traditional illustration to Digital medium.

CO4: To Design Logo and taglines and copy of Packaging Design using typography using digital Software (adobe Illustrator)

CO5: To Understand the effective use of typography in a packaging design

CO6: To learn mandatory information for packaging design.

CO7: To Understand the Layout and communication of Contents of Packaging design.

CO8: To create Layout using digital software (Adobe Illustrator)

22.Course Name: Packaging Design

Course Code: 9CDES2041

CO1: Prepare questionnaires for the specific product / service / system

CO2: Conduct field visit and maintain recordings

CO3: Prepare reports and presentations

CO4: Articulate design brief based on research findings

CO5: Apply above research methods in their interest of domain / future projects

CO6: Design product in paper by using the appropriate production technique for given quantity

CO7: articulate the concept considering paper as material in packaging

CO8: Design a 3d form of the designed packaging by using paper

CO9: To understand graphic design for different FMCG product packaging.

CO10: to Design a layout for a package.

CO11: To create graphics for the package.

CO12 : Aware about the mandatory information of packaging design.

CO13: To learn mandatory information for packaging design.

CO14: To Understand the Layout and communication of Contents of Packaging design.

CO15: To create Layout using digital software (Adobe Illustrator)



23.Course Name: Project III
Course Code: 9PROJ2011

- CO1: Design a complete packaging for given brief
- CO2: Ideate an appropriate concept based on gained research findings
- CO3: Propose an material and manufacturing technique for selected concept
- CO4: Develop an CAD model along with renders in respective software

24.Course Name: Elective 01 (Tensile structures)
Course Code: 9PDES2061

- CO1: Apply concept of tensegrity in furnitures (collapsible furniture)
- CO2: Make working drawings to communicate with fabricators
- CO3: decide materials required for creating tensile structures
- CO4: apply principles of tensegrity in the context of - indoor / outdoor furniture ,efficient and effective use of material, cost reduction and quicker fabrication

25.Course Name: History of Art & Design II
Course Code: 9FODN2071

- CO1: Comprehend the examples of architecture, objects, visual and sculptural art of Early Christian Art, Medieval Europe, and Renaissance
- CO2: Apply visual and tactile elements of the styles dominant in historic periods to contemporary design, whenever relevant
- CO3: Understand how socio-economical, technological, political, religious factors influenced art, architecture and design of specific periods

26.Course Name: Furniture Design
Course Code: 9PDES2081

- CO1: Choose and use mechanisms to achieve a prescribed movement / mechanical advantage
- CO2: Analyse mechanisms in existing products and furnitures
- CO3: analyze furniture, spaces, and communication materials from usability perspective and redesign keeping in mind target audience



- CO4: understand relation between poor postures and ergonomic hazards
- CO5: Design and develop prototypes for ergonomic testing
- CO6: Design Furniture in wood, hemp, bamboo and metal by using the appropriate production technique
- CO7: discuss the relevance of specific material in given furniture
- CO8: Document using illustration, photographs and text to showcase types of furniture based on the following factors - sociocultural influences, technological influences, Type, Usage, Materials, Scale, Measurement, made by, Origin...
- CO9: understand and implement visual design / aesthetics , joineries, finishes and overall aesthetics in upcoming design project
- CO10: prepare design document and presentation for selected product/furniture
- CO11: To be able to respond as a designer ,to the ever changing trends and styles

27.Course Name: Computer Aided Design II
Course Code: 9PDES2091

- CO1: Understand fundamental concepts in 3D modeling, including polygons, vertices, edges, and surfaces.
- CO2: Proficiently use 3D modeling software such as Autodesk fusion 360, Sketchup,etc. to create three-dimensional objects.
- CO3: Render 3D models to produce high-quality images and animations, utilizing rendering engines and understanding rendering settings and options
- CO4: Iterate on 3D designs, addressing design challenges, refining models based on feedback, and continuously improving designs through an iterative design process

28.Course Name: Project IV
Course Code: 9PROJ2021

- CO1: Design furniture for given brief
- CO2: Ideate and render an appropriate concept based on gained research findings
- CO3: Propose an material and manufacturing technique for selected concept
- CO4: Develop an CAD model along with renders in respective software
- CO5: Make physical prototype in 1:1 scale

29.Course Name: ELECTIVE - 01 (Fashion Styling)
Course Code: 9FDES2061

- CO1: Individual should be able to groom and style for any concept / theme



CO2: Will know about various garments suitable for different occasions

CO3: Understand, analyze and suggest new looks to build a character as per the clients / theme requirement

CO4: Understand and and explore fashion photography and product photography

30.Course Name: FASHION THEORY & DESIGN

Course Code: 9FDES2081

CO1: Students will understand the fundamental aspects of fashion, terminology and theories related to fashion

CO2: Explain the process of fashion diffusion across the consumer segments, regulatory bodies and fashion profession

CO3: To improve fluency in expressing fashion concepts ideas through illustration

CO4: To widen the horizon of tools that may used to develop and present work

CO5: To gain confidence and build a sense of comfort in the use of drawing and presentation

31.Course Name: APPAREL CONSTRUCTION

Course Code: 9FDES2091

CO1: to have an in-depth knowledge of the principles of draping, pattern making, and its concepts in order to produce design variations and make clothing

CO2: To make pattern for various clothing style as well as based on gender

CO3: To convert two dimensional form into three dimensional form of a garment.

CO4: To understand the grain of fabric and its behaviour while pattern making and draping.

CO5: Learn various techniques of pattern making and its application in [pattern development.

CO6 : To be able to stitch and finish the garment with appropriate seams and trims.

32.Course Name: PROJECT - IV

Course Code: 9PROJ2021

CO1: To design and create uniforms for a particular work sector.

CO2: Ideate an appropriate concept based on gained research findings

CO3: Propose an plan, material and technique for selected concept

CO4: Develop a digital and physical portfolio with respective software



33.Course Name: ELECTIVE 01 (Photography)
Course Code: 9CDES2061

CO1: to understand the principles of photography.
CO2 : able to understand the lighting of photography.
CO3 : to be aware of the various possibilities of photography.

34.Course Name: Branding I
Course Code: 9CDES2081

CO1:To Understand the concept of branding and brand identity.
CO2: To create a Brand identity to implement on an explainer Product.
CO3: To use the market research for creating effective brand identity.

35.Course Name: Responsive Website Design & Social Media Design
Course Code: 9CDES2091

CO1:To Learn how to effectively communicate messages and information through visual elements in graphics.
CO2: To Learn how to optimize infographics for different platforms, including web, social media, and print.
CO3: To create graphics and Infographics for Explainer digital Content.
CO4:To create visually appealing and user-friendly websites that adapt to different screen sizes and devices using Digital tools (eg : Adobe XD)
CO5: to gain awareness about the programming language used for web design.
CO6: To Create Design campaigns for social media using digital tools (Adobe photoshop , Adobe Illustrator)
36.Course Name: Project IV
Course Code: 9PROJ2021

CO1: Design Brand according to given brief
CO2: Ideate an appropriate concept based on gained research findings
CO3: Create promotional design in web interface
CO4: Create branding Campaign design for the platform of social media

37.Course Name: Elective 01 (Interior Styling)
Course Code:9IDES2061

CO1: Apply the concept of interior styling in a space



CO2: Developing an idea using multiple materials.

CO3: Implementation of interior style

