

Department of Design

(B.Des.)

Course Outcomes (CO's)

Course Code	DD101
Course Name	World of Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand Design in Nature, Design without designers, animals and humans as designers, cross cultural study of design achievements.
CO2	Understanding how art design, science & technology has been shaping human civilization and environmental modification after the industrial revolution.
CO3	Learning the role of creativity & compassion in the making of a designer also responsibility of them
CO4	Create products that are functional and made to fulfill market needs being socially responsible

Course Code	DD103
Course Name	Sketching 2D/3D & Rendering

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall and identify basic drawing tools, media, and sketching techniques, including the movement of fingers, elbows, and arms.
CO2	Describe and explain key concepts such as textures, light, shadows, and perspectives in sketching and drawing.
CO3	Apply learned techniques to sketch nature, human figures, and dimensional solids with correct proportions and depth
CO4	Analyze the structural and aesthetic qualities of natural forms, human figures, and three-dimensional objects, distinguishing between light, shade, and spatial relationships.
CO5	Create rendered sketches and designs using advanced shading and perspective techniques, demonstrating the ability to represent 2D and 3D objects with aesthetic decision-making.

Course Code	DD105
Course Name	Element of Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding elements of design and its importance in design
CO2	Understand & Learn Concept of visual language and visual design to create compositions
CO3	To Learn the elements and aesthetics of visual language to Conceptualize ideas, articulate and present visualization of ideas.
CO4	Developing skills of analysis, synthesis, interpretation and communication through elements and compassion.
CO5	Creating innovative ideas & processes of conceptualization. Graphic Design Trends & Movement.

Course Code	DD107
Course Name	Tinkering Studio

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Inculcate the habit of making
CO2	Checking feasibility by proof of concept;
CO3	Understand the components and subcomponents that constitutes the product
CO4	Understand the material and relationship between the components
CO5	Develop solutions with creative thinking; Using automation tools for creativity

Course Code	DD109
Course Name	Computer Graphics 2D

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Develop the essential expertise in creative digital graphics.
CO2	Utilize computers to create visuals and use different software tools.
CO3	Compare the workflow of raster and vector based platforms.
CO4	Test the necessary theoretical background with a hands on approach.
CO5	Develop digital design skills in computer graphics through practical assignments.

Course Code	DD111
Course Name	Design Project-1

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the users, their needs and aspirations
CO2	Create persons to understand the user's experience, behaviors etc.
CO3	Identify and analyze the real life problems
CO4	Apply design thinking process in order to solve various issues of users and environment
CO5	Develop effective and efficient solutions

Course Code	DD102
Course Name	Design Methodology & Methods

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding what is design methodology and how it can be used.
CO2	Understanding & leaning various research tools like questionnaires, surveys, brainstorming, task analysis mind mapping etc. to empathize with user to conduct user study
CO3	Ability to learn & understand a broader aspect of the situation and identify a design methodology comprising the principles, guidelines, practices, explorations and processes related within.
CO4	To develop understanding to apply design research & systematic methodology in structured manner for a product / service / system development
CO5	To create a viable solution to a wicked problem.

Course Code	DD104
Course Name	History of Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand concepts and terms related to art and design that are widely used and rooted in history
CO2	Identify trends in art and design
CO3	Have a more critical understanding of the design and allied fields
CO4	Be able to relate the past, present and the future of the design profession.
CO5	

Course Code	DD106
Course Name	Communication Studies & Semiotics

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Create communication media for effective communication in different contexts.
CO2	Investigate various aspects of communication theory and related semiotics.
CO3	Devise ways to express representation, abstraction and visual language.
CO4	Assess the covert principles in a range of graphic mediums, outputs and their impact on perception and comprehension.
CO5	Compose the relevant and creative ideas for targeted attention and communication with practical means.

Course Code	DD108
Course Name	Materials & Processes for Designers

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the material and its properties
CO2	Apply various hands-on skills on different type of materials
CO3	Understand various process to develop models and prototype
CO4	Understand the Color, material and finish of any tangible solutions
CO5	

Course Code	DD201
Course Name	Physical Ergonomics

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand the concept of man and machine interface and its significance in design.
CO2	To understand the impact of anatomy, anthropometry, biomechanics, physiology and the physical environment on physical activity.
CO3	To apply ergonomics principles and cater all set of users
CO4	Create any design successful in terms of functionality, usability and comfortability
CO5	

Course Code	DD203
Course Name	Design and People

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Develop knowledge and empathy in order to understand the people
CO2	To examine how people interacts with their daily environment
CO3	Understanding of people oriented design and working towards understanding people's need
CO4	Understand the role of design in day to day lives of people
CO5	Understand the culture, behaviour and its implications in design

Course Code	DD205
Course Name	Basics of Interaction Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Observe and Classify Interactive systems.
CO2	Understand interconnections in Interactive systems.
CO3	Differentiate and Interpret observational process and divergent skill sets.
CO4	Evaluate Observations for developing Critical thinking.
CO5	Apply skill sets acquired in Real Life Case Studies.

Course Code	DD206
Course Name	Color, Context & Composition

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify theoretical concepts of color like meaning of color, color wheel and color systems, subtractive and additive colors.
CO2	Design Context, compositions and color palettes for various scenarios.
CO3	Analyze context in the broader understanding of User, Subject, Environment and interaction.
CO4	Create compositions using principles such as Alignment, Balance, Contrast, Emphasis, Gestalt law.
CO5	Apply the principles of color and composition to actual and fictitious projects.

Course Code	DD207
Course Name	Basics of Photography and Videography

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Define the essential components of analog and digital cameras, including lenses, shutters, apertures, and sensors.
CO2	Explain the basic principles of photography, such as exposure, shutter speed, aperture, and ISO, and their roles in visual communication.
CO3	Demonstrate the proper use of still and video cameras, including adjusting settings like focus modes, white balance, and exposure for different shooting conditions.
CO4	Analyze the effects of different camera angles, movements, and lighting techniques on visual composition in photography and cinematography.
CO5	Create visually compelling narratives by applying advanced camera techniques, composition rules, and lighting strategies to produce effective storytelling in both photography and cinematography.

Course Code	DD209
Course Name	Visual Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding basic concepts of visual design like form, colour, texture etc
CO2	Being able to work with visual compositions while recognising aspects like framing, space, composition etc.
CO3	To be able to express and create appropriate meaning using visuals as a tool
CO4	Appreciate and understanding how visual design affects us and to be able to use it in design
CO5	

Course Code	DD211
Course Name	Design Project-3

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the users, their needs and aspirations
CO2	Create persons to understand the user's experience, behaviors etc.
CO3	Identify and analyze the real life problems
CO4	Apply design thinking process in order to solve various issues of users and environment
CO5	Develop effective and efficient solutions

Course Code	DD202
Course Name	Cognitive Ergonomics

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify various patterns in Human Cognition
CO2	Classify Cognitive Concepts, Patterns and Biases
CO3	Apply various Cognitive methods in Solving Real Life Challenges
CO4	Develop Cognitive and behavioral
CO5	

Course Code	DD204
Course Name	Video Editing & Compositing

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify the key stages of pre-production, including concept development, scriptwriting, and production planning.
CO2	Describe fundamental concepts in video editing, such as continuity and transitions, and the use of tools like Final Cut Pro and Adobe Premiere.
CO3	Apply video production techniques by utilizing digital film cameras, lenses, and accessories to capture footage in various formats.
CO4	Analyze the impact of digital editing choices on video continuity, color correction, and audio synchronization during post-production.
CO5	Design a complete video project by integrating pre-production planning, production techniques, and post-production processes, including editing, color correction, and distribution.

Course Code	DD212
Course Name	Design Project-4

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the users, their needs and aspirations
CO2	Create persons to understand the user's experience, behaviors etc.
CO3	Identify and analyze the real life problems
CO4	Apply design thinking process in order to solve various issues of users and environment
CO5	Develop effective and efficient solutions

Course Code	DD276
Course Name	Sequential Art

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify the logic of sequencing (timing and progression) in narrative such as in comics, picture books, animations and films.
CO2	Design the compelling and intuitive sequences of story progression.
CO3	Develop a storyboard with Time, tension and compositional dexterity.
CO4	Create animatics with sound, movement and effects.
CO5	Apply the principles of sequencing, transitions, framing and story progression in projects.

Course Code	DD301
Course Name	Universal Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the importance of all senses
CO2	Understand the concept of design for all
CO3	Examine problems associated with the diverse set of users in various ecosystems
CO4	Understand the concept of disability and assistive devices
CO5	Develop an effective solution to all and eliminate uncertainties during initial design phase

Course Code	DD303
Course Name	Design Thinking

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Comprehend large scale problems and come up with radical solutions
CO2	Understand how to think through problems and define them accurately by applying frameworks and tools
CO3	Come up with solutions for a defined problem which are human centric.
CO4	Provide solutions to problems which are sustainable
CO5	Develop abilities to incorporate all stakeholders in finding solutions.

Course Code	DD311
Course Name	Design Project-5

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the users, their needs and aspirations
CO2	Create persons to understand the user's experience, behaviors etc.
CO3	Identify and analyze the real life problems
CO4	Apply design thinking process in order to solve various issues of users and environment
CO5	Develop effective and efficient solutions

Course Code	DD302
Course Name	Sustainable Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand core principles of sustainable design, including biomimicry, life cycle analysis, and material optimization.
CO2	To analyze existing designs for sustainability considerations and propose improvements based on learned principles.
CO3	To develop a sustainable design solution for a specific challenge, considering its functionality, user experience, and environmental impact.
CO4	To Evaluate and refine a sustainable design solution through presentations and discussions.

Course Code	DD312
Course Name	Design Project-6

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the users, their needs and aspirations
CO2	Create persons to understand the user's experience, behaviors etc.
CO3	Identify and analyze the real life problems
CO4	Apply design thinking process in order to solve various issues of users and environment
CO5	Develop effective and efficient solutions

Course Code	DD314
Course Name	Internship-2

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	
CO2	
CO3	
CO4	
CO5	

Course Code	DD401
Course Name	Design Research

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To define key design research methods.
CO2	To apply research methods to identify user needs and analyze their design implications.
CO3	To evaluate existing research to inform design decisions and identify potential research gaps.
CO4	To evaluate existing research to inform design decisions and identify potential research gaps.

Course Code	DD411
Course Name	Internship-3

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	
CO2	
CO3	
CO4	
CO5	

Course Code	DD412
Course Name	B.Des. Project

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	
CO2	
CO3	
CO4	
CO5	

Course Code	DD222
Course Name	Traditional Practices in Modern Products

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To define and recognize traditional practices across various aspects of life (housing, agriculture, water management) and their underlying ecological principles.
CO2	To analyze traditional practices and appropriate technologies, identifying their strengths and limitations in a modern context.
CO3	To evaluate the integration of traditional knowledge with modern design principles, creating products that are aesthetically pleasing, ecologically conscious, and address contemporary needs.
CO4	To assess the effectiveness of designed solutions in promoting sustainability and complementing existing environments.

Course Code	DD224
Course Name	Packaging Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding packaging design and its nuances
CO2	Understanding packaging to make it a less environmental destructive practice
CO3	Learn different aspect of packaging Design which can prevent spoiling, breakage, tampering, or theft enhance convenience in use by making it cost effective
CO4	Creating Visuals from the Knowledge they gained of optimum communication, including typefaces, font style, graphics, shape, form, colour, photography and layout.
CO5	Developing a viable packaging solution which is cost effective and sustainable

Course Code	DD232
Course Name	Typography-1

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify the history, classification, anatomy, and usage of various letterforms, including Indian language scripts.
CO2	Explain the theoretical and applicable principles of communicating with letterforms, including multilingual typography.
CO3	Apply expressive typography techniques by creating compositions and conducting calligraphic experiments with Indian language scripts.
CO4	Analyze the role of typography in different contexts, such as books, mailers, posters, signage, and motion graphics, focusing on the use of grids and layouts.
CO5	Design creative typographic compositions by exploring three-dimensional features of letterforms and integrating them into various media contexts.

Course Code	DD234
Course Name	System of Representation

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recognize and recall basic techniques of observation and representation of natural, human, and man-made objects.
CO2	Explain the relationship between mimesis, abstraction, and the history of art and aesthetics in representation
CO3	Demonstrate the ability to observe and represent objects, products, and figures through sketches, focusing on form, color, and structure.
CO4	Analyze different forms of representation, differentiating between abstract and realistic techniques for effective visual communication
CO5	Design and manipulate forms, colors, and structures to create expressive representations that convey specific ideas and emotions

Course Code	DD242
Course Name	Ethnographic Studies in Interaction Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand user requirements and collect information collection using multiple methods
CO2	Classify the data collected for Sensorial Modalities and Emotions
CO3	Comparative mapping of Qualitative Data collected through various methods.
CO4	Develop own methods and data collection Techniques
CO5	

Course Code	DD244
Course Name	New Media Studies

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Define key concepts related to visual and media cultures, including their historical evolution and techniques of old media.
CO2	Explain the relationship between the language of multimedia and nineteenth-century pro-cinematic cultural forms.
CO3	Compare the functions of screens, mobile cameras, and montage in new media with those in traditional cinema.
CO4	Analyze the principles of New Media, such as Remediation and the Digital Dialectic, within the context of cultural interfaces
CO5	Design new media projects by integrating the principles of New Media

Course Code	DD226
Course Name	Form Studies

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding of Form and aesthetics. Form and Identity. Form and Function, Form as Expression, Meaning and Form
CO2	Understanding of emotions and inspiration through form, and they can be communicated in 3 D explorations.
CO3	Learn to explore forms in order to understand Positive and negative space.
CO4	Creating form by establishing its relation with function, characteristics and product to be used.
CO5	Development of Forms with emotions as inspiration having a meaningful design solutions

Course Code	DD228
Course Name	Creative Tinkering

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	UNDERSTANDING OF VARIOUS LINKS, MECHANISMS AND MACHINE
CO2	UNDERSTAND CREATIVE THINKING AND HOW IT WORKS
CO3	Understand the material and relationship between the components
CO4	Develop solutions with creative thinking; Using automation tools for creativity

Course Code	DD236
Course Name	Animation-1

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Describe the evolution of animation, including the history of animation in India and the world, from pre-Disney to contemporary animation.
CO2	Explain the principles of animation that make sequential images believable, such as animating force, object weight, and the behavior of objects when force acts on them.
CO3	Apply techniques for conveying mood and feeling through the movement of animate and inanimate objects in animation.
CO4	Analyze the use of simplification and exaggeration in movement, including the planning of accents, scene timing, and spacing of drawings.
CO5	Create animated sequences that demonstrate the principles of easing in and out, timing, and animating to music, incorporating techniques like holds and beats.

Course Code	DD238
Course Name	Branding & Identity Design-1

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Define the meaning, purpose, and history of branding.
CO2	Explain the reasons behind branding through case studies of impactful brands.
CO3	Apply the principles of branding by developing a basic brand strategy, including the creation of a brand name and slogan.
CO4	Analyze consumer needs and behaviors to understand the target audience for a brand.
CO5	Design a comprehensive brand strategy based on a creative brief, including brand type, name, slogan, and alignment with target consumer needs.

Course Code	DD246
Course Name	Process & Methods in Interaction Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand Users' Experiences. Cognitive, affective and cultural perspectives in experiences. Consideration for human experiences in interaction design.
CO2	Direct, Indirect, Subjective and Objective measurements of human experience.
CO3	Qualitative interview techniques for gathering user motivations and emotions. Analysis of qualitative experiential data from users. Gender and cultural biases in experience measurements.
CO4	Management of psychological space in user experience testing setups. Development of user experience strategy, creation of user interfaces and testing of digital products from experiential perspective.
CO5	

Course Code	DD248
Course Name	Augmented/ Virtual Reality Devices

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Define Augmented and Virtual Reality- Technology, platforms and their principles
CO2	List out uses of AR and VR as a medium
CO3	Apply concepts in optics, displays -headmounts and others, tracking, psychology and human factors
CO4	Review of existing designs using case-studies.
CO5	

Course Code	DD321
Course Name	Research Techniques in Cognition, Perception and Creativity

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall key theories and concepts related to cognition, perception, and creativity, along with research methods used to study them.
CO2	Explain the role of cognitive processes and perceptual mechanisms in creative thinking and how they influence user interaction and experience
CO3	Use appropriate research techniques to investigate cognitive and perceptual phenomena in real-world or design contexts.
CO4	Evaluate data collected from cognitive and perceptual research to identify patterns, correlations, and insights relevant to creativity and user behavior.
CO5	Design and conduct innovative research studies that explore the relationship between cognition, perception, and creativity, generating actionable insights for applications such as interaction design or education.

Course Code	DD331
Course Name	Typography-2

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify the key typographic forms based on the history and research of typographic design.
CO2	Explain the expressive and communicative qualities of typographic forms, considering type, color, selection, and arrangement for effective legibility and readability.
CO3	Apply typographic principles to conceptualize and visualize complex information for various communicative purposes using a variety of approaches and media.
CO4	Analyze technical aspects of organizing, formatting, and styling type using software tools, exploring type in both digital and physical three-dimensional formats.
CO5	Create an extended typographic project that reflects personal aesthetic, motivation, and expression, integrating professional design techniques and production processes.

Course Code	DD341
Course Name	Animation-2

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall contemporary trends in animation content and techniques.
CO2	Describe the mechanics of character animation, such as bipedal walking, running, and gestures
CO3	Apply animation techniques to create character movements and special effects in short animations.
CO4	Analyze the use of visual communication design elements and principles in creating engaging animations
CO5	Develop and demonstrate a short animation film using a combination of manual and digital methods

Course Code	DD351
Course Name	Exploring the Taxonomy of Product Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Demonstrate a clear understanding of the fundamental concepts and terminology related to product design and its taxonomy
CO2	Identify and categorize various types of products based on design principles, functionality, and user experience.
CO3	Assess how different design principles apply to various product categories and influence consumer behavior.
CO4	implement user research methods to gather insights and feedback, enhancing the design process and product usability.

Course Code	DD322
Course Name	Psychology and Behaviour Science

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand Key Psychological Concepts: Gain foundational knowledge of psychological theories, behavioral science, and research methods to analyze human thought and action within societal structures.
CO2	Apply Behavioural Tools: Learn to use tools such as empathy mapping, cognitive ease, norms, and heuristics to assess and influence social life and decision-making.
CO3	Evaluate Judgement and Decision-Making: Explore how judgments are formed through heuristics, biases, and the law of small numbers, enhancing critical thinking skills.
CO4	Utilize Behavioural Principles: Apply principles like anchoring, the outside view, prospect theory, endowment effect, and reinforcement strategies to understand and design human-centric solutions.
CO5	Design Behaviour-Informed Interventions: Integrate psychology and behavioural science in designing small-scale projects involving products, services, or experiences to drive positive change.

Course Code	DD332
Course Name	Photography-2

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify advanced camera settings and lens techniques for different photographic scenarios.
CO2	Explain the principles of advanced composition, lighting, and visual language in photography.
CO3	Apply digital workflow processes to enhance accuracy and ensure high-quality photographic output.
CO4	Analyze the techniques of high-speed and slow-speed photography for various specialized applications, such as satellite and medical imaging.
CO5	Create visually compelling and technically accurate images using advanced camera techniques, lighting, and digital image processing for specific applications.

Course Code	DD342
Course Name	Usability Insights

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand Evolution and Complexity of Products by tracing the historical development of products, exploring the shift from man-machine interaction to human-computer interaction, and analyze how increasing complexity impacts users' mental workload.
CO2	Apply User-Centered Design Principles by utilising user-centered design processes, including mental model analysis, persona creation, and scenario development, to design intuitive and user-friendly digital products.
CO3	Measure and Evaluate Usability by conducting task analysis and applying operational definitions of usability to assess ease of use, efficiency, and effectiveness through both subjective and objective metrics.
CO4	Design and implement usability tests using tools such as paper prototypes, wireframes, and information architecture; perform low- and high-fidelity tests including card sorting, affordance testing, and brand evaluation.

Course Code	DD324
Course Name	Data Visualization

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall the key concepts and importance of data visualization in relation to data and image models.
CO2	Explain how color, space, and graphical perception influence the design of visualizations.
CO3	Apply visualization techniques to represent multi-dimensional data effectively using appropriate tools and methods.
CO4	Analyze complex data sets to determine the most effective visualization strategies, including the use of interactive and animated visualizations.
CO5	Create visual narratives and text-based visualizations using advanced mapping, cartography, and software techniques.

Course Code	DD334
Course Name	Visual Narratives and Storytelling

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall design possibilities, concerns, and basic elements of storytelling.
CO2	Explain the structure of a story and the role of characters in visual storytelling.
CO3	Apply visual language and metaphors to create effective storyboards.
CO4	Analyze different media, such as advertisements, films, posters, and comics, to understand the grammar and language appropriate for each.
CO5	Develop original visual narratives using various media, integrating story structure, characters, and visual metaphors

Course Code	DD344
Course Name	Design and Programming

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	
CO2	
CO3	
CO4	
CO5	

Course Code	DD421
Course Name	Model Making and Prototyping

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand the property and behavior of materials
CO2	To apply CMF (Color, Material and Finishes)
CO3	To understand fabrication, production, manufacturing, models and prototypes
CO4	To evaluate prototype based on the requirements

Course Code	DD425
Course Name	Applied Ergonomics

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand the concept of man and machine interface and its application
CO2	To understand the impact of anatomy, anthropometry, biomechanics, physiology and the physical environment on physical activity.
CO3	To understand the impact of physical, physiological and cognitive on human
CO4	To apply ergonomics principles and cater all set of users
CO5	Create any design successful in terms of functionality, usability and comfortability

Course Code	DD431
Course Name	Graphic Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Define key elements and principles of graphic design, such as space, unity, text, and image.
CO2	Describe the concepts of layout, grid, composition, and gestalt laws in graphic design.
CO3	Apply knowledge of fonts, typeface anatomy, and typographic properties like kerning and leading in design projects.
CO4	Analyze the relationship between type and image, identifying how type can function as a visual identity in design.
CO5	Create graphic design solutions by integrating type and image to address complex and unique design challenges.

Course Code	DD441
Course Name	Augmented and Virtual Reality

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall fundamental concepts, technologies, and terminologies related to augmented and virtual reality
CO2	Explain the principles behind AR/VR systems, including the differences between augmented, virtual, and mixed realities, and their applications across industries.
CO3	Implement AR/VR tools and frameworks to create interactive applications, integrating virtual content with physical environments or immersive virtual worlds.
CO4	Break down and evaluate the user experience in AR/VR environments, identifying technical, usability, and cognitive challenges.
CO5	Design and develop immersive AR/VR experiences, incorporating user-centered interaction principles, innovative interfaces, and real-world applications.

Course Code	DD427
Course Name	Medical Equipment Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To identify and define advanced medical imaging technologies like high-speed cameras and image processing techniques.
CO2	To apply advanced photographic techniques (advanced camera settings, lens choices) to enhance visual storytelling in medical contexts.
CO3	To Utilize digital workflows to optimize image quality and accuracy for various medical applications
CO4	To develop innovative visual communication strategies using advanced medical imaging technologies to improve patient care and research

Course Code	DD344
Course Name	Advanced Material Processes and Finishes

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand the properties and selection criteria for various materials (metals, plastics, ceramics, composites, natural) used in design.
CO2	To apply knowledge of manufacturing and prototyping methods (digital and traditional) to create physical design models.
CO3	To analyze the interrelationships between material properties, manufacturing processes, and design outcomes.
CO4	To develop and evaluate prototypes using advanced manufacturing techniques

Department of Design

(M.Des.)

Course Outcomes (CO's)

Visual Communication

Semester-1

Course Code	DD 531
Course Name	Visual Culture & Media Practices

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall the interdisciplinary elements of visual culture, including anthropology, art history, and media studies.
CO2	Explain the impact of cross-mediation and globalized visual culture in the 21st century, focusing on its expanded forms and visual content.
CO3	Apply media studies knowledge across various platforms, including painting, digital art, photography, and mobile screen devices.
CO4	Analyze the changing nature of subjectivity vs. objectivity in visual representation, exploring different ways to visualize and reflect on the world.
CO5	Create individual projects, reports, or papers exploring a chosen topic related to contemporary visual culture and media practices

Course Code	DD 533
Course Name	Communication Design Fundamentals

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall the fundamental principles of communication theory, cognition, perception, and visual literacy.
CO2	Describe the processes, materials, and methods required for effective visual communication, including composition and layout.

CO3	Apply drawing, sketching, and rendering techniques to create inventive shapes, forms, and illustrations in different styles.
CO4	Analyze the integration of text, typography, image, and various media forms, evaluating their effectiveness in diverse communication contexts and mediums
CO5	Create and experiment with innovative visual communication works, exploring diverse mediums, tools, and techniques while applying core communication theories to both traditional and emerging platforms.

Course Code	DD 535
Course Name	Image Fabrication & Visualization

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify key digital tools and applications such as Photoshop, Illustrator, and InDesign for image production and manipulation.
CO2	Explain the techniques of photography, including lighting, exposure, and both standard and experimental approaches to capture commercial and fine art images.
CO3	Apply post-processing techniques, such as photo editing, color manipulation, and creative treatments like superimposition and juxtaposition, to enhance images.
CO4	Analyze the effectiveness of different image production techniques, including digital matte painting, cinematographic compositions, and thematic experimental works, across varied media
CO5	Create a range of digital images by experimenting with vector and raster tools, photography techniques, and digital manipulation to visualize conceptual briefs for diverse projects and media.

Course Code	DD 537
Course Name	Video, Sound & Cinematography

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify the fundamental concepts of film history, storytelling techniques, and the differences between still and moving photography.
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CO2	Explain the key elements of scriptwriting, storyboarding, cinematography, and the use of lighting and white balance in film production.
CO3	Apply audio recording techniques, sound design, and effects to enhance video and film projects
CO4	Analyze the compositional techniques and movement in cinematography to create visually compelling stories in various genres
CO5	Produce short films, integrating post-production techniques, motion graphics, editing, and sound design to address educational, cultural, social, and marketing communication needs.

Course Code	DD 501
Course Name	Design Project 1

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify key design research methods and exploratory techniques used in the problem-solving process.
CO2	Explain the relevance of different research methodologies in addressing design challenges.
CO3	Apply appropriate design research methods to explore and understand the given design problem.
CO4	Evaluate the effectiveness of different exploration techniques in generating solutions for the design problem
CO5	Develop a comprehensive design solution using research-based insights and explorative techniques tailored to the specific problem

Semester-2

Course Code	DD 532
Course Name	Experimental Communication

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify interdisciplinary methods and technologies that influence modern communication design.
CO2	Describe the role of inspiration, exploration, and imagination in moving beyond traditional communication practices.
CO3	Apply experimental techniques, such as digital programming and field recording, to merge different forms of media and design.
CO4	Analyze the impact of collaborative efforts across disciplines like arts, science, and engineering in creating innovative communication solutions
CO5	Create experimental communication projects by collaborating with other domains and utilizing new technologies/ approaches etc.

Course Code	DD 534
Course Name	Space and Service Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the relationship between space and the systems embedded within it, as they apply to spatial design challenges.
CO2	Understand how spatial systems integrate with branding, installations, and stage design, and how curatorial practices and interactive projections shape the experience of space.
CO3	Apply the principles of spatial design to services, such as furniture systems, layout planning, and other spatial systems, ensuring that these elements enhance functionality and user experience
CO4	Evaluate the effectiveness of spatial design solutions in public and commercial settings, such as events and buildings.
CO5	Design comprehensive projects for events, service branding, and navigation systems, integrating spatial, contextual, and interactive elements

Course Code	DD536
Course Name	Narrative Context & Advanced Illustration

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify the conventions in visual narratives through research and critical observation.
CO2	Design a well defined process of producing illustrative book and other visual formats such as Children books, Corporate graphics, Editorial illustration, graphic novel Illustrations.
CO3	Develop a personal style of illustration with a unique and distinct tone of voice.
CO4	Create a narrative that follows a well defined story arc, structure and context.
CO5	Apply the illustrative skills to a variety of visual projects as a professional visual designer.

Course Code	DD 538
Course Name	Motion Graphics and Animation Fundamentals

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify the key tools, interface elements, and basic workflow of motion graphics and visual effects applications.
CO2	Compare traditional animation techniques with digital animation, exploring principles, styles, and media.
CO3	Apply fundamental animation principles to storyboard designs, logos, titles, and motion graphics effects.
CO4	Analyze the sequence, flow, and sound design in character animation to create cohesive motion graphic shorts.
CO5	Synthesize various animation elements (character design, sound, compositing) to produce complete, professional-quality animation and motion graphic sequences.

Course Code	DD 502
Course Name	Design Project 2

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify key design research methods and exploratory techniques used in the problem-solving process.
CO2	Explain the relevance of different research methodologies in addressing design challenges.
CO3	Apply appropriate design research methods to explore and understand the given design problem.
CO4	Evaluate the effectiveness of different exploration techniques in generating solutions for the design problem
CO5	Develop a comprehensive design solution using research-based insights and explorative techniques tailored to the specific problem

Semester-3

Course Code	DD 601
Course Name	Organizational model for entrepreneurship

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To define different entrepreneurial models (social, corporate, trade, agricultural) and key business plan components (investment, ROI).
CO2	To apply legal and ethical frameworks (contracts, IPR, codes) to analyze the feasibility and sustainability of various organizational models.
CO3	To critically evaluate the strengths and weaknesses of different organizational models for specific entrepreneurial ventures.
CO4	To develop a comprehensive organizational model for a chosen entrepreneurial venture, considering legalities, ethics, and financial viability.

Course Code	DD 633
Course Name	Major campaign planning & Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify key historical and cultural elements involved in the creation and positioning of major brands.
CO2	Describe how brand insights contribute to image building and the development of brand stories.
CO3	Explore innovative positioning, branding, and marketing strategies through research.
CO4	Evaluate the effectiveness of various branding strategies across different media platforms.
CO5	Design comprehensive branding and marketing campaigns, integrating insights and innovative strategies for effective brand positioning.

Course Code	DD 635
Course Name	Advanced Animation & Game Design

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand advanced animation techniques and serious game design principles, as well as research methodologies related to these fields
CO2	Explain the use of interactive applications and how animation and game design are applied to gamification, particularly in advertising.
CO3	Apply advanced techniques in game design, as well as 3D modeling and animation, to develop interactive experiences.
CO4	Analyze the effectiveness of game design elements in creating engaging user experiences across different platforms and media
CO5	Create experimental animation and game design projects, integrating advanced technologies like VR, AR, and 3D rendering across multiple media and platforms

Course Code	DD 603
Course Name	Design Project 3

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify key design research methods and exploratory techniques used in the problem-solving process.
CO2	Explain the relevance of different research methodologies in addressing design challenges.
CO3	Apply appropriate design research methods to explore and understand the given design problem.
CO4	Evaluate the effectiveness of different exploration techniques in generating solutions for the design problem
CO5	Develop a comprehensive design solution using research-based insights and explorative techniques tailored to the specific problem

Course Code	DD 605
Course Name	Internship

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recognize key industry practices, workflows, and standards relevant to their field.
CO2	Explain how different industry processes impact creative decision-making and project execution.
CO3	Demonstrate the ability to integrate industry practices into their own portfolio development.
CO4	Critique industry-standard approaches to enhance the quality and relevance of their creative work.
CO5	Create a professional portfolio that effectively incorporates industry insights and aligns with current market expectations.

Course Code	DD 607
Course Name	Design Research Seminar

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Recall key concepts and experiences from the internship to prepare for presentations or research papers.
CO2	Summarize the findings and insights gained during the internship in a clear and structured format.
CO3	Apply research methodologies and presentation techniques to effectively communicate project ideas to an audience.
CO4	Evaluate the quality and relevance of research or internship work to ensure it meets academic and industry standards.
CO5	Present or defend their research or project work confidently in front of a jury, market, or academic audience, using appropriate presentation tools and techniques.

Semester-4

Course Code	DD 602
Course Name	Sponsored/ Self Sponsored Project

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Identify the necessary skills and knowledge required to work on industry-sponsored or self-initiated projects.
CO2	Explain the processes involved in managing a project or starting a new enterprise.
CO3	Apply acquired skills to develop and execute a project or start-up plan in a real-world context.
CO4	Analyze challenges and opportunities within the industry or entrepreneurial space to improve project outcomes.

CO5	Design and implement innovative solutions or business strategies that contribute to the success of a project or start-up, demonstrating readiness for professional practice.
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DEPARTMENT OF DESIGN
CO's - FASHION DESIGN ELECTIVES

Course Code	DD262
Course Name	ELEMENTS OF FASHION STUDIES

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To learn the elements and principle of design and their application in fashion industry
CO2	To develop understanding regarding visual language of design in study of art and fashion
CO3	Explore diverse fashion cultures and practices globally, fostering a mindset of lifelong learning and curiosity within the field of fashion studies.
CO4	To develop visual compositions of fashion and perform visual research for application of elements in context of fashion.

Course Code	DD266
Course Name	FASHION ILLUSTRATION

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand human anatomy to cultivate an ideation approach, fostering creativity and innovation in their design process.
CO2	Mastering the skills of fashion figure drawing techniques, gaining an understanding of body proportions for accurate representation.
CO3	To develop a skill for drawing basic croquis with facial details to design concepts translating ideas into visual form.
CO4	Enhancing rendering abilities, experimenting with various color mediums to enhance visual expression in their designs.

Course Code	DD361
Course Name	PATTERN – DRAFTING & DRAPING

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the basics techniques of pattern making and principles to create various patterns
CO2	Understand the basic principle of drafting and draping and body contour, to gain experience in creating styles in garment by draping
CO3	Exploring the knowledge related to different fashion components students will be able to create a variety of patterns regarding sleeves, yokes and collars etc.
CO4	Developing the skills will help students to use pattern drafting and draping principles to create design variations.

Course Code	DD362
Course Name	GARMENT CONSTRUCTION & FABRIC ORNAMENTATION

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To develop understanding of fabric sewing and different ornamentation techniques
CO2	To be able to construct products using basic patterns and sewing techniques
CO3	To understand the application of ornamentations and value addition
CO4	To design and develop products and swatches

Course Code	DD366
Course Name	FASHION FORECASTING

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To document and understand trends in different aspects of fashion
CO2	To understand the color story, materials, styles of the previous seasons, current season and upcoming seasons.
CO3	To develop understanding related to forecasting and developing a product line.
CO4	To be able to predict or introduce design for client specifications as per trends identified.

Course Code	DD463
Course Name	FABRIC STUDIES AND INTRODUCTION TO TRADITIONAL INDIAN TEXTILE

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To develop an understanding of different fabrics and their usage in the industry
CO2	To understand and map the different textiles and embroideries of India
CO3	To promote and preserve the traditional craftsmanship of India
CO4	To be able to create and apply techniques in the contemporary fashion

Course Code	DD461
Course Name	VISUAL MERCHANDISING & RETAIL MERCHANDISING

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To be familiar to visual merchandising and techniques for aesthetic presentation in retail environments
CO2	To learn appropriate usage of props, racks and other fixtures
CO3	To understand the application of Lighting, flooring and arrangements of products
CO4	To develop an understanding of different channels of marketing and their importance in merchandising

Course Code	DD465
Course Name	APPAREL MANUFACTURING (MASS MANUFACTURING IN GARMENTS)

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding how the apparel industry works. Overview of apparel manufacturing technology.
CO2	Understanding the cutting department. spreading, Types of lay- single ply, multiply, stepped ply and Forms of Spreading etc
CO3	Comprehensive understanding of - stitching , sewing and finishing of the garment along with costing.
CO4	To be able to identify common defects in garments and suggest corrective actions to prevent them.
CO5	To be able to implement quality control procedures and standards to ensure the production of high-quality garments

Course Code	DD465
Course Name	Fashion Management-Entrepreneurship, Marketing and Retail

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand Entrepreneurial Skills and Business Planning required for fashion management
CO2	To be able to evaluate consumer behavior and market trends to tailor marketing strategies.
CO3	Understand financial management, budgeting, and cash flow management for fashion enterprises.
CO4	Develop a comprehensive business plan for a fashion startup, including market research, financial projections, and operational strategies. Develop leadership skills and foster innovation and creativity within fashion teams.

Course Code	DD
Course Name	STITCHING WORKSHOP

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the concepts of Pre production planning, sourcing of different materials and sampling etc.
CO2	Knowledge of pattern making, cutting process, dyeing, trims, stitching , sewing and finishing etc .
CO3	An understanding of quality control methods and packaging of garment
CO4	To be able to develop garments for various human anatomy using different stitching types and other techniques.

Course Code	DD
Course Name	CRAFT DOCUMENTATION

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To familiarize students to the rich cultural heritage of handicrafts in India
CO2	To develop understanding regarding the research and documentation of various crafts.
CO3	To research and document the crafts by visiting and meeting the craftsmen and artisans.
CO4	To create innovative products for promoting traditional craftsmanship.

Course Code	DD
Course Name	FASHION STYLING

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To analyze the fashion styling process and develop key creative, intellectual and technical skills.
CO2	To develop creative ideas and apply different approaches to problem solving and creative styling of various products
CO3	To identify, evaluate and use information from a variety of sources in order to understand key cultural, social and environmental influences in fashion.
CO4	To develop visual research techniques and be able to communicate new ideas and information.

Course Code	DD
Course Name	PORTFOLIO

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To make students understand the importance of displaying their work in the best possible way.
CO2	To apply software skills to depict design learning in a comprehensive manner
CO3	To be able to synthesize tasks completed in a concise visual presentation.
CO4	To be able to compile and create a final visual representation of at least 4-5 projects

Department of Design
(M.Des.) - LIFESTYLE ACCESSORY DESIGN
Course Outcomes (CO's)

Course Code	DD541
Course Name	FUNDAMENTAL OF DESIGN

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding basic elements & principal of design and its importance in design
CO2	Understand & Learn Concept of visual language and visual design to create compositions
CO3	To Learn the elements and aesthetics of visual language to Conceptualize ideas, articulate and present visualization of ideas.
CO4	Developing skills of analysis, synthesis, interpretation and communication through elements and compassion.
CO5	Creating innovative ideas & processes of conceptualization for various design projects.

Course Code	DD543
Course Name	FORM STUDIES

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding elements of design and its importance in design
CO2	Understand & Learn concept of visual language and visual design to create compositions
CO3	To Learn the elements and aesthetics of visual language to Conceptualize ideas, articulate and present visualization of ideas.
CO4	Developing skills of analysis, synthesis, interpretation and communication through elements and compassion.
CO5	Creating innovative ideas & processes of conceptualization. Graphic Design Trends & Movement.

Course Code	DD545
Course Name	JEWELRY DESIGN

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To learn the knowledge of different eras and cultures of jewellery and materials used and how jewellery holds emotions of the wearer
CO2	Hands-on manipulation of different material and process in respect to jewellery design
CO3	Understanding of smart jewellery and smart wearable devices
CO4	To create innovative jewellery concepts in terms of future of jewellery

Course Code	DD547
Course Name	EXPLORING MATERIAL STRUCTURE & SURFACES

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand the various material and its properties
CO2	Apply various hands-on skills on different type of materials and explore its properties
CO3	Understand various process, Color, material and finish to develop products and prototypes

CO4	Create products having innovative surfaces and finishes on different material to come up with new ideas of products
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Course Code	DD542
Course Name	BRANDING & PACKAGING DESIGN

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding branding and packaging design and its nuances
CO2	Learn different aspect of packaging Design which can prevent spoiling, breakage, tampering, or theft enhance convenience in use by making it cost effective
CO3	Understand how Creating Visuals from the Knowledge they gained of optimum communication, including typefaces, font style, graphics, shape, form, colour, photography and layout effects the brand images and customer buying decisions.
CO4	Developing brand guidelines and viable packaging solution which is cost effective and sustainable

Course Code	DD544
Course Name	COLLECTIO DESIGN

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	In depth understanding of fundamental design principles, research methods, and ideation techniques to conceptualize and develop innovative collection
CO2	Acquire advanced skills in material selection, and sourcing, ensuring the feasibility and functionality of their designs. Engage in critical analysis and evaluation of their own work, reflecting on design choices, and coherence of their collection
CO3	Demonstrate an understanding of the cultural, social, and ethical dimensions of accessory design, considering issues of diversity, inclusivity, sustainability, and responsible production practices in the development of their collections.
CO4	Develop professional collection of lifestyle product that looks cohesive as a whole.

Course Code	DD546
Course Name	CRAFT WORKSHOP & DOCUMENTATION

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	A comprehensive understanding of various craft techniques, materials, and processes. Understanding the craftsmen and their lifestyle to understand how the craft have evolved.
CO2	Learning and gaining insight into the cultural and historical significance of traditional and contemporary craft practices, studying the origins, influences, and evolution of craft traditions from diverse cultures and regions around the world.
CO3	Explore unique artistic voice through the application of craft techniques, experimenting with different materials, textures, and forms to produce original and expressive handmade artworks and artefacts.
CO4	Creating high-quality handmade products across different mediums such as textiles, ceramics, woodworking, and more.
CO5	Develop proficiency in documenting the craft process through photography, videography, written descriptions, and sketches, effectively capturing each stage of creation and final outcomes for personal reference, promotion, or publication.

Course Code	DD548
Course Name	DESIGN FOR SUSTAINABILITY

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understanding of sustainability principles, including environmental, social, and economic dimensions.
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CO2	Learn about sustainable and ethical considerations in design, including sourcing eco-friendly materials, minimizing waste, supporting fair trade practices, and sustainable practices
CO3	Engage in interdisciplinary collaboration to address complex sustainability challenges and foster continuous learning and professional development in the field.
CO4	Develop products and systems for durability, reparability, recyclability, and reusability.

Course Code	DD
Course Name	EXPERIENCE DESIGN

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand and apply core principles of experience design, focusing on user-centricity, storytelling, and emotional engagement.
CO2	Explore multi-sensory design techniques and integrate emerging technologies for immersive and interactive experiences.
CO3	Learn about ethical and inclusive design practices, collaborating effectively with multidisciplinary teams to deliver impactful and respectful experiences.

CO4	Proficiently conduct user research and translate insights to develop tangible prototypes, facilitating iterative design and user feedback.

New NEP Courses

First Year	Semester 1												
S.No.	Course Code	Course Title ((Existing))	Course Code	Course Title (Proposed)	Credit	L	T	P	Total				
1	DD541	Fundamental of Design	DD541	Fundamental of Design	4	2	0	4	6				
2	DD543	Form studies	DD543	Form studies	4	2	0	4	6				
3	DD545	Jewelry Design	DD545	Jewelry Design	4	2	0	4	6	Elective-1	Branding & packaging design		
4	DD547	Exploring Material structure & surfaces	DD547	Exploring Material structure & surfaces	4	2	0	4	6		Design Thinking		

Second Year	Semester 3												
S.No.	Course Code	Course Title ((Existing))	Course Code	Course Title (Proposed)	Credit	L	T	P	Total				
1	DD601	Organization model for entrepreneurs hip	DDXX X	Service & system Design	4	2	0	4	6				
2	DD643	Experience Design	DDXX X	Collection Design	4	2	0	4	6				
3	DD6XX	Electives from other department			4	2	0	4	6				
4	DD603	Design project-3 (Service & system design)	DDXX X	Wearable Tech & smart Accessory (Elective 3)	4	2	0	4	6				
5	DD605	Internship	DDXX X	Portfolio/Visual Presentation Technique (Elective 4)	4	2	0	4	6				
6	DD607	Design Research Seminar	DDXX X	-									
				Total Credits	20								
Second Year	Semester 4												
S.No.	Course Code	Course Title ((Existing))	Course Code	Course Title (Proposed)	Credit	L	T	P	Total				

1	DD602	Sponsored/Self-Sponsored Project	DD602	Sponsored/Self-Sponsored Project	20	0	0	0	0	Skill Enhancement Course		
				Total Credits	20							

Course Code	DD
Course Name	Design Thinking

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Comprehend large scale problems and come up with radical solutions
CO2	Understand how to think through problems and define them accurately by applying frameworks and tools
CO3	Come up with sustainable solutions for a defined problem which are human centric.
CO4	Develop abilities to effectively collaborate in multidisciplinary teams, utilizing diverse perspectives

Course Code	DD
Course Name	Trend & Forecasting

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	To understand what is trend, what are different kinds of trends and importance of trend forecasting?
CO2	Understanding of steps in identifying popular trends- consumer behaviour, short term trends and long term trends.
CO3	Cultivating a comprehensive research methodology to analyse historical and future trends.
CO4	Have experience in exploring trends to come up with a hypothesis track and support the hypothesis with data.

Course Code	DD
Course Name	Wearable Tech & smart Accessory

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand what is wearable tech and what is the importance of wearable technology in terms if wearable accessories and other devices. Rise of internet of things (IoT)
CO2	Understand and apply core principles of experience design, focusing on user-centricity, storytelling, and emotional engagement.
CO3	Learn about ethical and inclusive design practices, collaborating effectively with multidisciplinary teams to deliver impactful and respectful experiences.
CO4	Proficiently conduct user research and translate insights to develop tangible prototypes, facilitating iterative design and user feedback.

Course Code	DD
Course Name	Portfolio/Visual Presentation Technique

Course Outcomes: Upon Successful completion of the course, students shall be able to:

CO1	Understand and apply core principles of experience design, focusing on user-centricity, storytelling, and emotional engagement.
CO2	Explore multi-sensory design techniques and integrate emerging technologies for immersive and interactive experiences.
CO3	Learn about ethical and inclusive design practices, collaborating effectively with multidisciplinary teams to deliver impactful and respectful experiences.
CO4	Proficiently conduct user research and translate insights to develop tangible prototypes, facilitating iterative design and user feedback.

