

Integrated M. Voc. Crafts & Design (Fired Material/ Soft Material/ Hard Material/ Fashion Clothing)

Third Semester

1. TECHNICAL, DIGITAL & VISUAL REPRESENTATION-1

PRACTICAL- CREDITS: 4

INTRODUCTION

Visualization & Representation-1 helps students develop a strong foundation through the knowledge and practical skills necessary to observe an information or image and represent the visual data for applications in design. V&R is an important tool of non verbal communication for the designer. The course provides the students with the necessary design vocabulary and techniques of visual representation such as design creation, interpretation and iteration.

The course introduces students to freehand, technical and digital drawing techniques. It may utilize various media ranging from pencils, pastels to sketch pens, markers, etc. to digital tools.

This course offers an opportunity for deepened exploration of the digital practices and tools. Students work across multiple basic software applications to create projects that communicate their content and point of view.

COURSE OBJECTIVES

- To help students develop the observation skills.
- To develop and improve drawing and hand motor skills.
- To understand the standards & symbols.
- To use various materials for rendering.
- To understand line quality and shadows.
- To build basic digital and graphic design skills.

LEARNING OUTCOMES

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

- Comprehend visuals related to art and craft.
- Represent visual data through drawings and graphics.
- Illustrate 3- dimensional objects and forms.
- Prepare, edit, and print digital documents and presentations.
- Create balanced compositions.

- Use basic drawing skills and tools to produce Fashion Illustrations/Orthographic and Isometric drawings and other related technical drawings.
- Develop his/her unique signature style of representation.

COURSE CONTENT

The course introduces students to freehand, technical and digital drawing techniques enabling them to represent a 3D form in 2D with the help of various mediums. They will be able to handle different color mediums and rendering techniques.

Based on the chosen specialization students will study any one of the following:

- Fashion Illustration
- Hand rendering of home furnishing fabrics and apparels
- Digital tools
- Technical drawings- orthography, isometric and perspective projection

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Knowledge & understanding of the techniques
- Neatness, cleanliness and presentation of assignments.
- Achievement of prescribed learning outcomes
- Innovation in thinking and application
- Quality of workmanship
- Time & task commitment
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.

2. MATERIAL SCIENCE

PRACTICAL- CREDITS: 2

INTRODUCTION

Development and advancement of human societies is closely related with materials. Civilizations have been named based on the level of their materials development – Stone Age, Bronze Age etc. Primary objective of the module is to impart the knowledge about the basic fundamentals of materials science, expose the students to different types of materials, their properties, structures and imperfections present in them.

COURSE OBJECTIVES

The module aims to develop an understanding of the materials, particularly structure-property correlation, which will enable students in selecting suitable materials for a particular application. They will get in-depth theoretical and practical inputs that will help them in identification, classification, properties, construction methods and testing processes of different materials.

LEARNING OUTCOMES

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

- Select appropriate material for end use
- Articulate the physical, chemical and mechanical properties of the material of their specialization.
- Demonstrate theoretical and practical knowledge of various testing methods and processes.

COURSE CONTENT

Based on the chosen specialization students will study any one of the following:

- Textile components such as fibers, yarns and fabrics and the interrelationship among components and their impact on product performance.
- Ceramic materials such as clay, non-clay and other clay body fillers, understanding their properties and characteristics.
- Introduction to wood types, wood anatomy and defects and structural properties of wood.

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Knowledge & understanding of the techniques
- Achievement of prescribed learning outcomes

- Innovation in thinking and application
- Quality of workmanship
- Time & task commitment
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.

3. FORM DEVELOPMENT-1

PRACTICAL - CREDITS: 6

INTRODUCTION

Form is an interface between function and user, a way to communicate a product's physical and psychological features. The success of a product depends highly on the quality of this communication.

Form is the shape, visual appearance or configuration of an object. It is the first interface that we perceive. Form gives meaning to an object and it provides an interpretation to the function of the object. It is the very first stage of introduction of a new style.

Form development is the process where the flat sketch or design idea is explored in both 2D and 3D form, keeping in mind technical and aesthetic approaches of different mediums such as Fiber, Fabric, Ceramics, Wood and Metal.

The course teaches terminology, identification and proper usage of tools and basic principles and procedures essential for form development to achieve desired styles and designs.

This is a technical approach to creating form through different mediums like fiber, fabric, ceramics, metal and wood into creative styles.

COURSE OBJECTIVES

- To introduce basic skills, techniques and design principles in the study of FORM.
- To help student use different elements of form manipulation and transition to achieve desired character.
- To help students develop an eye for detail, accuracy and skill in order to achieve high quality patterns and refined forms.
- To facilitate and improve their visualization skills to achieve desired aspects and proportions with reference to ergonomics.
- To develop an understanding of the material and their suitability for desired form or style.
- To develop the ability to identify problems and rectify them.

LEARNING OUTCOMES

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

- Identify form in our environment.
- Use knowledge/ skills of tools and techniques for form manipulation.
- Comprehend form transition in day to day objects.
- Achieve good quality patterns for basic forms.
- Explain quality parameters and critically evaluate design details.
- Evaluate appropriateness of material to suit the form.

COURSE CONTENT

Based on the chosen specialization students will study any one of the following:

- 2D (Pattern Making) and 3D (Draping) techniques of design development. Through critiqued design development on the dress form, students develop their own sense of proportion, silhouette, line, and style.
- Introduction to weaving -loom, types of weave etc.
- Generating new forms and refinement of product forms by using form development tools like, radii manipulation, form transition, addition/subtraction, proportion and balance.

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Knowledge & understanding of the techniques
- Neatness, cleanliness and presentation of assignments.
- Achievement of prescribed learning outcomes
- Innovation in thinking and application
- Quality of workmanship
- Time & task commitment
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.

4. CRAFTS TECHNIQUES & PROCESSES-1

PRACTICAL - CREDITS: 4

INTRODUCTION

Crafts reflect the immense creativity of the ordinary people and their quest for self expression and fulfillment. There has been implementation of innovative techniques, methods and procedures in the production of handcrafts. The module aims at familiarizing students with different techniques and procedures to produce a variety of artistic craft products. The module will introduce students to various methods of craft techniques, manually as well as with the help of industrial equipment based on their specialization, such as, dyeing, printing, sewing, loom mechanism, yarn craft, clay, bamboo etc.

COURSE OBJECTIVES

- To introduce fundamental craft techniques and processes.
- To inculcate learning and understanding of the various processes of handling different materials.
- To use a variety of materials and start to understand the patience and skill required to create the beautiful hand-crafted products using these techniques.
- To develop appreciation of traditional and contemporary craft sensibilities and extend their potential for creative and innovative design.
- To develop an understanding and visualization ability towards the innovative incorporation of these techniques in apparel, lifestyle and accessory products.

LEARNING OUTCOMES

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

- Comprehend material, basic technique, traditional techniques, traditional and contemporary applications.
- Co-relate the outcomes of different modules attended and apply the learning for developing design sensibility and aesthetics.
- Demonstrate creative thinking through progressive explorations and experimentation with materials and techniques in product design.
- Demonstrate hand crafted methods and sensitivity while using materials, tools and space so that the sensorial qualities of the material are highlighted.
- Display confidence at working with a professional machine.
- Apply time management, planning and teamwork abilities.

COURSE CONTENT

The course will facilitate the learning of different techniques as mentioned below to enable them to convert their concepts into form. The student will begin with an in-depth understanding of the basic

techniques and processes, manually as well as on machines, as a necessary tool of craftsmanship to construct high quality products.

Based on the chosen specialization students will study any one of the following:

- Sewing techniques.
- Dyeing & Printing techniques.
- Loom mechanism.
- Yarn craft.
- Hand building techniques for clay.
- Wood craft practices across India.

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Knowledge & understanding of the techniques
- Neatness, cleanliness and presentation of assignments.
- Understanding and execution of the task
- Innovation in thinking and application
- Quality of workmanship
- Achievement of prescribed learning outcomes
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.

5. EVOLUTION OF CRAFT: FURNITURE

(History of Furniture)

THEORY - CREDITS: 2

INTRODUCTION

This course is aimed to acquaint students with a broad definition of furniture design history which will reveal that design is material embodiment of social, cultural and economic values. It also focuses on great designs and designers. The course contains a linear narration of history, identification and association of historical and contemporary forms, philosophy and thought process behind these styles, ability to point out features that would help in placing artifacts in periods or styles, creatively combine existing work with imagined context and story, awareness of socio cultural factors that shaped design with time. An understanding of history not only gives students a sense of what has happened along a time period, but also is a great exercise in pattern analysis. It can bring together events and their repercussions in perspective and help students understand the relativity of culture, society and lifestyle.

COURSE OBJECTIVES

- To have a comprehensible understanding of work done in Furniture design to help students understand subtleties of visual-aesthetic meaning making.
- To help students understand exploration of materials, techniques and skills through history.
- To understand evolution of generated needs and inventions & discoveries leading to new technology and social-cultural changes.

LEARNING OUTCOMES

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

- Identify and associate a historical style, philosophy and thought process behind it.
- Point out features that would help in placing designs in periods or styles.
- Articulate socio cultural factors that shaped design with time.

COURSE CONTENT

The course is essentially a study specifically of furniture design belonging to past, both distant and near. Also it looks into recent work in the domain of Industrial design giving an insight into trends and where it is heading. Broad outline of the course:

- Western design from Renaissance to 18th century
- Industrial Revolution

- Early 20th century, its happenings and their impact on design, the rise of mass communication mediums and scientific inventions.
- The Bauhaus, and beginnings of modernism and early post modernism.
- Design in the second half of 20th century
- Indian Design history from Indus Valley to Mughal Period, the Modernism in India with its three spokes lead by Shanti Niketan, Swadeshi movement, and Industrialisation in India.

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Neatness, cleanliness and presentation of assignments.
- Understanding and execution of the task
- Innovation in thinking and application
- Quality of workmanship
- Time & task commitment
- Achievement of prescribed learning outcomes
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.

6. EVOLUTION OF CRAFT: CERAMICS

(History of Ceramics)

THEORY - CREDITS: 2

INTRODUCTION

The making of pottery is the longest living handicraft of which we have continuous knowledge. The module focuses on giving a general picture of its development from its earlier days in many parts of the world until the present.

Studying ancient ceramics draws upon three separate disciplines: archaeology, art practice, and the earth sciences. The course emphasizes on the importance of methods, materials, forms and surface decorations used to create high-end ceramics from various cultures. At the end of the class students will have many new ways of understanding ceramics.

COURSE OBJECTIVES

- To help students to recognize the unique contributions various cultures have made to ceramic history.
- To give students theoretical knowledge of various materials, methods, forms and surface decoration used across the world of ceramics.

LEARNING OUTCOMES

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

- Articulate the influence of different cultures on the ceramics development through the course of history.
- Comprehend various materials, methods, forms and surface decoration used in ceramics across various cultures.

COURSE CONTENT

- Need of the pottery in the society, early pottery in India.
- Pre- Harappan pottery, Indian Chalcolithic Period to NBP Period
- Mauryan Period to Gupta Period
- Pottery from post Gupta and Rajput period and sultanate period
- Mughal and British ceramics in India
- Pottery of Foreign Origin in India

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Neatness and cleanliness of classroom assignments
- Achievement of prescribed learning outcomes
- Documentation and Presentation.
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.

7. EVOLUTION OF CRAFT: INDIAN WOVEN TEXTILES

THEORY- CREDITS: 2

INTRODUCTION

The course aims to develop the fundamental understanding of the traditional woven textiles of India as an integral element within its larger Socio-cultural, geographical, political and economic ecosystem. It helps to inculcate a tendency of observing craft in its overall environment, as its very origin and existence is a product of a mutually inclusive and interdependent system.

COURSE OBJECTIVES

- To give a basic introduction to handloom weaving in India.
- To create an understanding of the variations offered by different regions in their woven traditions and the factors responsible for such variations.
- To enable students to identify and appreciate the uniqueness of the design elements of each textile in terms of colors, motifs and layouts and influence of culture on them.

LEARNING OUTCOMES

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

- Identify traditional regional woven textiles of India.
- Articulate the understanding of history and evolution of these traditional crafts.
- Demonstrate the understanding of designs, motifs, materials, tools and techniques of these textiles in context of the communities practicing them and the influencing factors.

COURSE CONTENT

Study of various traditional woven textiles of India:

- Saris
- Shawls
- Rugs
- North-eastern textiles

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Neatness, cleanliness and presentation of assignments.
- Achievement of prescribed learning outcomes

- Documentation and Presentation.
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.

8. EVOLUTION OF CRAFT: CLOTHING & FASHION (Fashion & Culture studies)

THEORY- CREDITS: 2

INTRODUCTION

Fashion is not simply clothes, nor is it just glamorous imagery; rather, it is a vibrant form of visual and material culture that plays an important role in social and cultural life. It shapes our bodies and the way we look at other people's bodies. It can enable creative freedom to express alternative identities or redefine the parameters of beauty and acceptability. Fashion raises important ethical and moral questions, and connects to art, and popular culture. This course exposes the students to the world of Fashion and sensitizes them to various aspects of culture and its influences on fashion.

COURSE OBJECTIVES

- To introduce students to the basic concepts of clothing, culture and fashion.
- To give them a broad overview of Fashion and its vibrant form of visual and material culture.
- To introduce students to study and engage with research methods and their application to visual practice.
- To make them aware of the impact potential of fashion.

LEARNING OUTCOMES

On completion of this course, the student will develop:

- An awareness of fashion and clothing culture through research.
- Awareness of the influential fashion brands and labels with focus on craft.

COURSE CONTENT

- Defining and understanding culture, clothing, and Fashion.
- Elements of Fashion
- Role of a designer
- Fashion industry & globalization

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Neatness and cleanliness of class room assignments
- Achievement of prescribed learning outcomes
- Documentation and Presentation.
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.

9. INTEGRATED TERM PROJECT-1

SELF PROJECT- CREDITS: 4

INTRODUCTION

Design project offers students an opportunity to explore their personal instincts that inspire them to express their own aesthetic orientation while embarking on a design journey to take them forward in the world of Design. The Integrated Term Project (ITP) is a culmination of the entire semester's learning where in the students will be introduced to the design process-the selection of the 'idea' for inspiration as the key to steer them in a direction, a mood to enable them to weave a story and finally develop a product.

COURSE OBJECTIVES

- To understand and follow the design development process.
- To design a product or collection as per the brief given.
- To understand how to work on a concept using research.
- To enable students to apply all the learning's of the semester in a practical and cohesive manner.

LEARNING OUTCOMES

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

- Appreciate the importance of the design process and apply it while creating products.
- Realize the importance of doing an effective research for a project and interpret it while understanding the requirements of a client.
- Interpret and bring to life a trend, a concept or a mood through their artistic vision.
- Apply knowledge and skills learnt for product development.
- Demonstrate presentation skills.

COURSE CONTENT

- Design process: inspiration, mood board, storyboard, color palette, surface design, flat sketches, technical illustration and drawings, materials and product development.
- Fashion and lifestyle trends as per the season.

- Prototype development: material sourcing, form development, construction, finishing and costing.
- Presentation of the design project.

ASSESSMENT

Continuous assessments will be done throughout the module where the student will be given feedback for improvement. The student will be assessed in terms of his/her overall/personal development on the following criteria:

- Knowledge & understanding of the techniques
- Understanding and execution of the task
- Innovation in thinking and application
- Quality of workmanship
- Time & task commitment
- Achievement of prescribed learning outcomes
- Classroom Attributes: Attendance, Punctuality, Initiative, Self-motivation, Commitment, Spirit of Inquisitiveness.