



## TABLE OF CONTENTS

<b>S. No.</b>	<b>Topic/Content</b>	<b>Page No.</b>
1	Nature and extent of the program	
2	Program education objective (PEOs)	
3	Graduate attributes	
4	Qualifications descriptors	
5	Program outcomes (POs)	
6	Program Specific Outcomes (PSOs)	
7	Course structure	
8	Semester-wise Course Details <ul style="list-style-type: none"><li>• Semester I</li><li>• Semester II</li><li>• Semester III</li><li>• Semester IV</li><li>• Semester V</li><li>• Semester VI</li><li>• Semester VII</li><li>• Semester VIII</li></ul>	
9	Mapping of course outcome, program outcomes and program specific outcomes	

## **1. Nature and extent of the program**

The Faculty of Fashion and Design proponent the Program B. Des. Fashion Design, recognize the importance of the fashion industry and its profound impact on society. As fashion continues to evolve, it shapes our identities, influences cultural trends, and fosters creativity and self-expression. In light of this understanding, the department strive to establish a comprehensive and innovative program that equips aspiring fashion professionals with the necessary skills and knowledge to excel in the dynamic world of fashion lifestyle and boutique management. By blending artistic flair with strategic business acumen, the program aim to empower our students to become influential leaders in the industry, driving positive change and elevating the standards of fashion management.

The program is designed to provide a holistic and multidisciplinary education, bridging the gap between creativity and commerce. The faculty believe that a strong foundation in design principles, coupled with an understanding of marketing strategies, consumer behavior, and retail management, forms the cornerstone of successful fashion lifestyle and boutique management. Through a combination of theoretical and practical coursework, our program fosters a deep appreciation for craftsmanship, quality, sustainability, and ethical practices. the program encourages students to explore diverse perspectives, challenge conventional norms, and embrace innovation to push the boundaries of fashion and boutique management.

Moreover, the program emphasises the importance of collaboration and industry partnerships. the program aim to provide our students with ample opportunities to engage with renowned fashion designers, entrepreneurs, and industry experts, enabling them to gain valuable insights, network, and cultivate mentorship relationships that will support their career growth.

Furthermore, the program is committed to nurturing an inclusive and supportive learning environment that celebrates diversity and fosters creativity. The faculty believe that a rich blend of cultures, backgrounds, and perspectives enriches the fashion industry, allowing for the creation of more inclusive and representative fashion narratives.

Hence, the program B. Des. Fashion Design is dedicated to cultivating a new generation of fashion leaders who are equipped with a strong foundation in design, business acumen, and ethical practices. the program strives to empower our students to shape the future of fashion, foster sustainable practices, and champion diversity, ensuring that the industry continues to evolve in a responsible and impactful manner.

## 2. PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

PEO No.	Education Objective
PEO1	<b>Creative Design Proficiency:</b> Graduates will demonstrate proficiency in creative design processes, including conceptualization, ideation, and development of innovative fashion concepts that integrate aesthetic, cultural, and market influences.
PEO2	<b>Technical Competence:</b> Graduates will possess technical skills in fashion design, pattern making, garment construction, and textile manipulation, enabling them to translate design concepts into tangible fashion products with attention to detail, quality, and functionality.
PEO3	<b>Industry Relevance:</b> Graduates will be equipped with an understanding of the global fashion industry, including trends, markets, consumer behavior, and sustainable practices, enabling them to adapt to evolving industry demands and contribute effectively to the fashion sector.
PEO4	<b>Communication and Collaboration:</b> Graduates will demonstrate effective communication skills and the ability to collaborate with diverse stakeholders, including clients, manufacturers, artisans, and other professionals, in order to convey design concepts, negotiate requirements, and execute projects successfully.
PEO5	<b>Professionalism and Ethical Practice:</b> Graduates will exhibit professionalism, integrity, and ethical responsibility in their conduct as fashion designers, recognizing the social, cultural, and environmental implications of their work and striving to create fashion that promotes inclusivity, diversity, and sustainability.

### 3. GRADUATE ATTRIBUTES:

S. No.	Attributes	Description
1	Professional / Disciplinary Knowledge	Graduates will possess a comprehensive understanding of fashion design principles, theories, and techniques, demonstrating proficiency in areas such as garment construction, textile selection, trend analysis, and fashion history.
2	Technical / Laboratory / Practical Skills	Graduates will be adept in utilizing various tools, equipment, and technologies relevant to fashion design, including sewing machines, pattern drafting software, fabric manipulation techniques, and garment fitting.
3	Communication Skills	Graduates will effectively convey ideas, concepts, and fashion design proposals through written, verbal, and visual means, facilitating clear communication with clients, collaborators, and stakeholders within the fashion industry.
4	Cooperation/Teamwork	Graduates will demonstrate the ability to collaborate effectively in multidisciplinary teams, fostering a cooperative and inclusive environment to achieve collective fashion design goals and objectives.
5	Professional Ethics	Graduates will uphold ethical standards and integrity in all aspects of their professional practice, including respect for intellectual property rights, sustainability practices, and cultural sensitivity in fashion design representation.
6	Research / Innovation- related Skills	Graduates will possess research capabilities to explore emerging trends, materials, and technologies in fashion design, fostering innovation and creativity in their design processes and outcomes.
7	Critical Thinking and Problem Solving	Graduates will analyze complex design challenges critically, employing strategic problem-solving skills to develop innovative and practical solutions within the constraints of fashion industry demands.
8	Reflective Thinking	Graduates will engage in reflective practice, evaluating their fashion design processes, decisions, and outcomes to identify areas for improvement, personal growth, and professional development.
9	Information/Digital Literacy	Graduates will demonstrate proficiency in accessing, evaluating, and utilizing information from diverse sources, including digital platforms, databases, and scholarly resources relevant to fashion design.
10	Multi-cultural Competence	Graduates will exhibit cultural sensitivity and awareness, respecting diverse perspectives, traditions, and identities in their fashion design practice and interactions with global audiences and fashion markets.
11	Leadership Readiness/Qualities	Graduates will demonstrate leadership potential and qualities, inspiring and motivating others through effective communication, vision-setting, and decision-making within fashion design projects and professional contexts.
12	Lifelong Learning	Graduates will recognize the importance of continuous learning and professional development, actively seeking opportunities to enhance their skills, knowledge, and expertise throughout their careers in the dynamic field of fashion design.

#### 4. QUALIFICATION DESCRIPTORS:

- **Knowledge and Understanding:** Students will demonstrate a comprehensive understanding of design principles, fashion history, textiles, garment construction techniques, and fashion business concepts.
- **Design Skills:** Students will develop proficient design skills, including sketching, illustration, pattern making, draping, and digital design software proficiency, to create innovative and aesthetically pleasing fashion collections.
- **Technical Competence:** Students will acquire technical competence in fashion design processes, such as pattern drafting, sewing, fabric manipulation, and garment fitting, to translate design concepts into tangible fashion products with precision and quality.
- **Creativity and Innovation:** Students will exhibit creativity and innovation in conceptualizing and developing fashion concepts that integrate aesthetic, cultural, and market influences, demonstrating originality and flair in their design work.
- **Critical Thinking and Problem-Solving:** Students will demonstrate critical thinking skills and the ability to analyze design problems, identify solutions, and make informed decisions in the context of fashion design.
- **Communication and Presentation:** Students will effectively communicate their design ideas through verbal, written, and visual means, and present their work professionally to diverse audiences.
- **Collaboration and Teamwork:** Students will collaborate effectively with team members, clients, manufacturers, artisans, and other stakeholders, demonstrating interpersonal skills, flexibility, and the ability to work collaboratively towards shared goals.
- **Ethical and Professional Practice:** Students will uphold ethical standards and professional integrity in all aspects of their work as fashion designers, demonstrating awareness of social, cultural, and environmental implications and striving to create fashion that promotes inclusivity, diversity, and sustainability.
- **Industry Awareness and Adaptability:** Students will develop an understanding of the global fashion industry, including trends, markets, consumer behavior, and sustainable practices, and demonstrate adaptability to evolving industry demands and emerging technologies.
- **Portfolio Development and Self-Promotion:** Students will compile a professional portfolio showcasing their design projects, skills, and creative abilities, and effectively promote themselves and their work to potential employers, clients, and collaborators.

**Qualification for the admission:** 10+2 with 55% marks

Lateral entry: Candidate who have passed minimum 3 years Diploma after 10th and 1 or more years after 10+2 with 55% marks or equivalent in any branch of Fine Art/Painting/Applied Art/Sculpture/Fashion & Apparel Design/Craft/Mass Media/Photography/Advertising/ Graphics/Animations etc or other relevant or allied fine arts and fashion design subjects.

#### 5. PROGRAMME OUTCOMES

<b>PO No.</b>	<b>Attribute</b>	<b>Competency</b>
PO1	Knowledge Acquisition	Obtain comprehensive and specialized knowledge in the field of fashion design and allied areas, encompassing a global perspective. Demonstrate the ability to discern, evaluate, analyze, synthesize, and integrate existing and new knowledge in the field of fashion design and allied areas to enhance overall understanding.
PO2	Application of Fashion Fundamentals	Utilize knowledge of design elements, principles, and fashion concepts to generate innovative designs across diverse domains. Utilize techniques like draping, flat pattern making, and stitching to create prototypes.
PO3	Design Thinking	Employ lateral and creative thinking to conceive and solve fashion design problems, assessing a broad range of viable and optimal solutions. Take into account public health, safety, cultural, societal, and environmental factors when developing fashion design solutions.
PO4	Fashion Business Management	Display comprehension of fashion and management principles, effectively applying them in personal work and as a member and leader of a team. Competently manage projects in specific disciplines and interdisciplinary environments, considering economic and financial factors.
PO5	Sustainable Product Development	Embrace professional and intellectual integrity, adhere to ethical behavior and a professional code of conduct in fashion design and scholarly pursuits. Recognize the influence of research outcomes on professional practices and contribute to sustainable development pertaining to fashion in society.
PO6	Visual Communication	Effectively convey ideas visually through artistic fashion illustrations, graphic illustrations, styling, fashion photography, and visual merchandise display.
PO7	Collaborative and Multidisciplinary Work	Fashion design graduates showcase collaborative and multidisciplinary skills through innovative collections, blending diverse perspectives from fashion, textiles, marketing, and technology. This prepares them for dynamic careers in the industry.
PO8	Lifelong Learning	Fashion design graduates exhibit a commitment to lifelong learning, continuously evolving their skills and knowledge to thrive in an ever-changing industry, staying innovative and creative throughout their careers.
PO9	Research Skills	Fashion design graduates demonstrate adept research skills, informing their design process with deep insights into historical, cultural, and market trends, resulting in conceptually rich and relevant collections.
PO10	Fashion Design Career	Pursue a career in fashion design and develop expertise in various roles such as fashion designer, stylist, fashion product developer, visual merchandiser, design manager, fashion journalist, costume designer, fashion consultant, fashion illustrator, or graphic designer.
PO11	Industry or Entrepreneurship Career	Pursue a professional career in the fashion or apparel industry as a technical designer, brand sales manager, fashion journalist, merchandiser, production manager, boutique manager, or establish and manage one's own boutique, brand, or apparel unit.

## 6. PROGRAMME'S SPECIFIC OUTCOMES (PSOs):

PSO No.	Competency
PSO1	<b>Fashion Design Research:</b> Graduates will proficiently conduct in-depth research, leveraging historical, cultural, and market insights to inform their design process, resulting in conceptually rich and contextually informed fashion collections.
PSO2	<b>Fashion Entrepreneurship:</b> Graduates will develop the entrepreneurial skills necessary to establish and manage their own fashion businesses, including strategic planning, financial management, branding, and marketing, fostering innovation and sustainability in the industry.
PSO3	<b>Fashion Management Skills:</b> Graduates will demonstrate proficiency in fashion management, including product development, supply chain management, retail operations, and team leadership, enabling them to excel in various roles within fashion companies and organizations.
PSO4	<b>Fashion Forecasting Skills:</b> Graduates will possess the ability to anticipate and interpret emerging fashion trends, utilizing data analysis, consumer behavior insights, and creative intuition to forecast future directions in the fashion industry, driving strategic decision-making and product development.



## 7. COURSE STRUCTURE

### SEMESTER – I

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140101	DSC-1	Fashion Study -I (Th)	2	0	0	2	30	20	50
15140102	DSC-1	Fashion Study -I (P)	0	0	4	2	30	20	50
15140103	DSC-2	Elements of Textiles	4	0	0	4	60	40	100
15140104	DSC-3	Pattern Making and Garment Construction- I	0	0	8	4	60	40	100
15140105	SEC-1	Design Process	0	0	4	2	30	20	50
	GE- 1	GE- 1	4	0	0	4	60	40	100
	AECC-1	AECC-1	2	0	0	2	30	20	50
	VAC-1	VAC-1	2	0	0	2	30	20	50
<b>Total</b>						<b>22</b>			

Note – L: Lecture Hour/week, T: Tutorial Hour/week, P: Practical Hour/week, CL: Hour/week, C: Credits, IAE: Internal Assessment Examination, ESE: End Semester Examination.

### SEMESTER – II

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140201	DSC-4 (Th)	Fashion Study -II (Th)	2	0	0	2	30	20	50
15140202	DSC -4 (P)	Fashion Study -II (P)	0	0	4	2	30	20	50
15140203	DSC-5	Textile Coloration and Finishing	0	0	8	4	60	40	100
15140204	DSC-6	Pattern Making and Garment Construction- II	0	0	8	4	60	40	100
15140205	SEC-2	Fashion Material Exploration	0	0	4	2	30	20	50
	GE- 2	GE- 2	4	0	0	4	60	40	100
	AECC- 2	AECC- 2	2	0	0	2	30	20	50
	VAC- 2	VAC- 2	2	0	0	2	30	20	50
<b>Total</b>						<b>22</b>			

UG CERTIFICATE- Fashion Design (Total Credit: 44)

Semester	Skill Enhancement Courses	Ability Enhancement compulsory Courses	Value Added Courses
I	Design Process	Environment Science/ MIL	Traditional Indian Textiles
II	Fashion Material Exploration	Environment Science/ MIL	History of Indian Costume

Students who wish to exit after the first two semesters will undergo a 4-credit workbased learning/internship during the summer term in order to get a UG Certificate.

### SEMESTER – III

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140301	DSC-7	Computer Aided Fashion Design I	0	0	8	4	60	40	100
15140302	DSC-8	Fashion Draping	0	0	8	4	60	40	100
15140303	DSC-9	Kidswear Design Project	0	0	8	4	60	40	100
15140304	IACP/ SEC-3	Fashion Photography	0	0	4	2	30	20	50
15140305	DSE-1	Fashion Art Illustration I or	0	0	8	4	60	40	100
15140306	DSE-1	Digital Fashion- I OR	0	0	8				
	GE 3	GE 3	4	0	0				
	AECC-3	AECC-3	2	0	0	2	30	20	50
	VAC- 3	VAC- 3	2	0	0	2	30	20	50
<b>Total</b>						<b>22</b>			

### SEMESTER – IV

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140401	DSC-10	Computer Aided Fashion Design II	0	0	8	4	60	40	100
15140402	DSC-11	Fashion Business Communication	4	0	0	4	60	40	100
15140403	DSC-12	Womenswear Design Project	0	0	8	4	60	40	100
15140404	IACP/ SEC-4	Internship I	0	0	4	2	25	25	50
15140405	DSE-2	Fashion Art Illustration II or	0	0	8	4	60	40	100
15140406	DSE-2	DigitalFashion II OR	0	0	8				
	GE 4	GE 4	4	0	0				
	AECC-4	AECC-4	2	0	0	2	30	20	50
	VAC- 4	VAC- 4	2	0	0	2	30	20	50
<b>Total</b>						<b>22</b>			

### UG DIPLOMA – Fashion Design (Total Credit: 88)

Semester	Discipline Specific Electives	IACP/ Skill Enhancement Courses	Ability Enhancement Compulsory Courses	Value Added Courses
III	DSE1: Fashion Art Illustration I / Digital Fashion- I	Fashion Photography	Environment Science/ MIL	Colour Psychology in Design
IV	DSE2: Fashion Art Illustration II / DigitalFashion II	Internship I	Environment Science/ MIL	Fashion Forecasting Process

**SEMESTER – V**

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140501	<b>DSC-13</b>	Menswear Design Project	0	0	8	4	60	40	100
15140502	<b>DSC-14</b>	Fashion Portfolio Development	0	0	8	4	60	40	100
15140503	<b>DSC-15 (Th)</b>	Fashion Forecasting (Th)	2	0	0	2	30	20	50
15140504	<b>DSC-15 (P)</b>	Fashion Forecasting (P)	0	0	4	2	30	20	50
15140505	<b>IACP/ SEC-5</b>	Knitting Processes	0	0	4	2	30	20	50
15140506	<b>DSE-3</b>	Apparel Quality Management	4	0	0	4	60	40	100
15140507	<b>DSE-3</b>	Apparel Production Planning	4	0	0				
	<b>GE- 5</b>	GE- 5	4	0	0	4	60	40	100
<b>Total</b>						<b>22</b>			

**SEMESTER – VI**

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140601	<b>DSC-16 (Th)</b>	Visual Merchandising (Th)	2	0	0	2	30	20	50
15140602	<b>DSC-16 (P)</b>	Visual Merchandising (P)	0	0	4	2	30	20	50
15140603	<b>DSC-17</b>	Fashion Brand Management	4	0	0	4	60	40	100
15140604	<b>DSC-18</b>	Craft Documentation	0	0	8	4	60	40	100
15140605	<b>IACP/ SEC-6</b>	Internship II	0	0	4	2	25	25	50
15140606	<b>DSE-4</b>	Sustainable Fashion Materials	4	0	0	4	60	40	100
15140607	<b>DSE-4</b>	Circular Fashion	4	0	0				
	<b>GE-6</b>	GE-6	4	0	0	4	60	40	100
<b>Total</b>						<b>22</b>			

**Bachelor of Design (Honours) Fashion Design (Total Credits: 132)**

Semester	Discipline Specific Electives	IACP/ Skill Enhancement Courses
<b>V</b>	<b>DSE3:</b> Apparel Quality Management / Apparel Production Planning	Knitting Processes
<b>VI</b>	<b>DSE4:</b> Sustainable Fashion Materials/ Circular Fashion	Internship II

### SEMESTER –VII

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140701	DSC-19	Fashion Design Collection	0	0	8	4	60	40	100
15140702	DSE 5	Fashion Consumerism	4	0	0	4	60	40	100
15140703	DSE 5	Garment Quality Control AND	4	0	0				
15140704	DSE 6	Functional Garments	4	0	0	4	60	40	100
15140705	DSE 6	Smart Textiles AND	4	0	0				
15140706	DSE 7	Apparel Costing or	4	0	0	4	60	40	100
15140707	DSE 7	Apparel Testing or Fashion Brand Management OR	4	0	0				
	GE-7	GE-7	4	0	0				
15140708	RP 1	Dissertation I	0	0	12	6	50	50	100
<b>Total</b>						<b>22</b>			

### SEMESTER –VIII

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140801	DSC-20	Industry Project	0	0	8	4	60	40	100
15140802	DSE 8	Luxury Fashion	4	0	0	4	60	40	100
15140803	DSE 8	Fashion Boutique Management AND	4	0	0				
15140804	DSE 9	Care and Maintenance of Textiles	4	0	0	4	60	40	100
15140805	DSE 9	Organization of Garment Unit AND	4	0	0				
15140806	DSE 10	Fabric Quality Control	4	0	0	4	60	40	100
15140807	DSE 10	Fabric Properties	4	0	0				
15140808	RP 2	Dissertation II	0	0	12	6	60	40	100
<b>Total</b>						<b>22</b>			

### Degree in Bachelor of Design (Honours with Research) Fashion Design (Total Credit = 176)

Semester	Discipline Specific Electives	Dissertation / Research Project
VII	DSE 5: Fashion Consumerism / Garment Quality Control AND DSE 6: Functional Garments / Smart Textiles AND DSE 7 or GE 7: Apparel Costing / Apparel Testing or Fashion Brand Management	Dissertation -I
VIII	DSE 8: Luxury Fashion / Fashion Boutique Management AND DSE 9: Care and Maintenance of Textiles / Organization of Garment Unit AND DSE 10: Fabric Quality Control/ Fabric Properties	Dissertation - II

## 8. SEMESTER-WISE COURSE DETAILS

### SEMESTER – I

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140101	DSC-1	Fashion Study -I (Th)	2	0	0	2	30	20	50
15140102	DSC-1	Fashion Study -I (P)	0	0	4	2	30	20	50
15140103	DSC-2	Elements of Textiles	4	0	0	4	60	40	100
15140104	DSC-3	Pattern Making and Garment Construction- I	0	0	8	4	60	40	100
15140105	SEC-1	Design Process	0	0	4	2	30	20	50
	GE- 1	GE- 1	4	0	0	4	60	40	100
	AECC-1	AECC-1	2	0	0	2	30	20	50
	VAC-1	VAC-1	2	0	0	2	30	20	50
		<b>Total</b>				<b>22</b>			

Note – L: Lecture Hour/week, T: Tutorial Hour/week, P: Practical Hour/week, CL: Hour/week, C: Credits, IAE: Internal Assessment Examination, ESE: End Semester Examination.

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140101
<b>Course Title</b>	Fashion Study -I (Th)
<b>Academic Year</b>	I
<b>Semester</b>	I
<b>Number of Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Synopsis</b>	Fashion Study I offers a comprehensive introduction to the fashion industry, delving into its historical evolution, cultural significance, and practical applications. Through exploring topics such as design principles, garment construction techniques, trend analysis, and the roles of key stakeholders, students develop a foundational understanding of this dynamic field. They delve into the historical context of fashion, tracing its development from ancient civilizations to contemporary trends, while also mastering fundamental design concepts like color theory, silhouette, and texture. Practical skills are honed through hands-on experience in garment construction, including sewing, draping, and pattern-making. Moreover, students learn to analyze fashion trends, utilizing market research and consumer behavior analysis to forecast emerging styles. By examining the diverse roles within the fashion ecosystem, from designers to consumers, students gain insight into the collaborative nature of the industry and its impact on global culture and commerce. Through a blend of theoretical exploration and practical application, Fashion Study I equips students with the knowledge and skills needed to navigate the complexities of the fashion world and pursue further study or careers within the field.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remember: Recall fashion terminology and historical periods.
<b>CO2</b>	Understand: Describe the roles of art media in fashion.
<b>CO3</b>	Apply: Compare methods for preparing Fashion Illustration.
<b>CO4</b>	Analyse: Analyze color selection across various color schemes.
<b>CO5</b>	Create: Generate sustainable fashion concepts integrating emerging trends.

**Mapping of Course Outcomes (COs) to Program Outcomes (POs)& Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	2	-	2	2	-	-	2	2	-	-	-	-	-
CO2	3	2	3	-	3	3	-	-	3	3	-	-	-	-	-
CO3	3	3	3	-	3	3	-	-	2	3	-	-	-	-	-
CO4	3	3	3	-	3	3	-	-	3	3	-	-	-	-	-
CO5	-	3	-	-	-	-	-	-	3	-	-	-	-	-	-
<b>Average</b>	3	2.6	2.8		2.8	2.8			2.6	2.8					

1= Weak Correlation    2= Moderate Correlation    3= Strong Correlation

**Course Content:**

L (Hours/Week)	T (Hours/Week)	P (Hours/Week)	Total Hour/Week
2	0	0	2
Unit	Content	Competencies	
<b>1</b>	<p><b>Foundations of Design</b>                      Introduction to Design: Understanding the basic principles and elements of design as applied to fashion.                      Elements and Principles of Design: Exploring the fundamental building blocks and organizational principles of design in the context of fashion.                      Importance of Elements and Principles: Recognizing the significance of applying elements and principles of design in creating impactful fashion statements.</p>	<ul style="list-style-type: none"> <li>Remember: Basic principles and elements of design in fashion. (C1)</li> <li>Understand: Organizational principles of design in fashion. (C2)</li> <li>Apply: Applying design principles to fashion. (C3)</li> </ul>	
<b>2</b>	<p><b>Evolution of Design</b>                      Design History: Tracing the historical journey of design and its influence on fashion, including significant periods such as Gupta, Mughal, Egyptian, Greek, Roman, and others.                      Art Media &amp; Application: Exploring traditional and digital mediums for artistic expression in fashion, including drawing techniques, perspective, and digital tools like Photoshop and Illustrator.</p>	<ul style="list-style-type: none"> <li>Remember: Key periods in design history and their influence on fashion. (C1)</li> <li>Understand: Evolution of design through historical periods and its impact on fashion. (C2)</li> <li>Apply: Utilizing traditional and digital mediums for artistic expression in fashion. (C3)</li> <li>Analyze: Examining the historical context of design influences on fashion. (C4)</li> </ul>	
<b>3</b>	<p><b>Fashion Fundamentals</b>                      Fashion Terms: Defining essential fashion terminology and concepts such as trend, style, couture, and silhouette.                      Fashion Process: Understanding the evolution of fashion from its origins to modern-day practices, including the fashion cycle and theories.</p>	<ul style="list-style-type: none"> <li>Remember: Essential fashion terminology and concepts. (C1)</li> <li>Understand: Evolution of fashion from origins to modern practices. (C2)</li> <li>Apply: Incorporating fashion terminology and concepts into practice. (C3)</li> </ul>	
<b>4</b>	<p><b>Fashion Illustration</b>                      Fashion Illustration Techniques: Mastering the art of fashion illustration, from basic figure proportions to advanced stylization techniques.</p>	<ul style="list-style-type: none"> <li>Analyze: Breaking down different styles and techniques in fashion illustration. (C4)</li> <li>Evaluate: Critiquing the effectiveness of various illustration methods. (C5)</li> </ul>	

Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	20
Practical	0
Seminar/Journal Club	
Small group discussion (SGD)	2
Self-directed learning (SDL) / Tutorial	2
Problem Based Learning (PBL)	2
Case/Project Based Learning (CBL)	2
Revision	2
Others If any:	
Total Number of Contact Hours	30

### Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination

Formative (60 %)	Summative (40%)
Periodic Assessment (5 Marks)	University End Term Examination (20 Marks)
Professional Competency Assessment (5 Marks)	
Comprehensive Student Assessment (5 Marks)	
Discipline-Specific Activities Assessment (15 Marks)	
Since the total marks of the external examination is 20, the examination will be conducted for 50 Marks and then bring down to 20	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Periodic Assessment	√	√	√	√	-
Professional Competency Assessment	√	√	√	√	√
Comprehensive Student Assessment	√	√	√	√	-
Discipline-Specific Activities Assessment	√	√	√	√	√
University End Term Examination	√	√	√	√	√



<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Text Books:</b>	
<ul style="list-style-type: none"> <li>• Angel Fernandez and Gabriel Martin Roig, Drawing for Fashion Designers, Anova Books Company Ltd., UK, 2007.</li> <li>• Caroline Tatham and Julian Seaman, Fashion Designing and Drawing Course, Thames and Hudson Publishers, UK, 2003.</li> <li>• Harold Carr, Fashion Design and Product Development, John Wiley and Sons Inc., New York, 1992.</li> <li>• Ireland, Patrick John, New Encyclopedia of Fashion Details, Batsford Ltd, 2009.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reference Books:</b></li> </ul>	
<ul style="list-style-type: none"> <li>• Janson H W, History of Art, Harry N. Abrams Inc., 5<sup>th</sup> edition, 1995.</li> <li>• Marian L Davis, Visual Design and Dress, Prentice Hall, New Jersey, 1996.</li> <li>• Piper, David, The Joy of Art, Mitchell Beazley Publishers, 1984.</li> <li>• Stanyer, Peter, The Complete Book of Drawing Techniques, Arcturus Publishing Limited for BookMart Limited 2003.</li> <li>• Suzanne G Marshall, Hazel O Jackson Individuality in Clothing and Personal Appearance, PrenticeHall, New Jersey, 2000</li> </ul>	

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140102
<b>Course Title</b>	Fashion Study -I (P)
<b>Academic Year</b>	I
<b>Semester</b>	I
<b>Number of Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Synopsis</b>	Fashion Study I (Practical) focus on honing drawing techniques essential for fashion design and textile creation. Students will explore various methods to create depth and texture, including doodling and grayscale techniques using pencils. Additionally, they will master perspective drawing to accurately depict spatial relationships in their designs. Through life sketching sessions, students will learn to capture the human form's nuances and movement using a range of mediums. They will also delve into composition principles to create visually engaging layouts using pastels, color pencils, charcoal, and collage. Exploring line and color, students will experiment with different line types and apply color theory principles to create harmonious designs, crucial for textile and fashion applications. Lastly, students will practice fashion illustration techniques for both genders and delve into textile design, creating patterns suitable for fashion and interior applications, ranging from floral to geometric motifs. This comprehensive course equips students with the skills necessary for successful fashion design and textile creation endeavors.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remember: Recall fashion terminologies and processes.
<b>CO2</b>	Understand: Describe the roles of art media in fashion.
<b>CO3</b>	Apply: Compare methods for Fashion Illustration preparation.
<b>CO4</b>	Analyse: Analyze color selection across various schemes.
<b>CO5</b>	Create: Produce fashion art illustrations using diverse techniques.

**Mapping of Course Outcomes (COs) to Program Outcomes (POs)& Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	2	-	2	2	-	-	2	2	-	-	-	-	-
CO2	3	2	3	-	2	3	-	-	3	2	-	-	-	-	-
CO3	3	3	3	-	3	3	-	-	2	3	-	-	-	-	-
CO4	3	3	3	-	3	3	-	-	3	3	-	-	-	-	-
CO5	3	3	3	-	3	3	-	-	3	3	-	-	-	-	-
<b>Average</b>	3	2.6	2.8		2.6	2.8			2.6	2.6					

1= Weak Correlation      2= Moderate Correlation      3= Strong Correlation

<b>Course Content:</b>			
<b>L (Hours/Week)</b>	<b>T (Hours/Week)</b>	<b>P (Hours/Week)</b>	<b>Total Hour/Week</b>
0	0	4	4
<b>Unit</b>	<b>Content</b>	<b>Competencies</b>	
<b>1</b>	<p><b>Drawing Techniques</b>  Doodling and Grey Scale: Exploring different drawing techniques using pencils to create textures and shades.  Perspective Drawing: Practicing perspective drawing using various techniques like 1 point, 2 points, and 3 points.</p>	<ul style="list-style-type: none"> <li>• Understand: Principles of perspective drawing techniques. (C2)</li> <li>• Apply: Utilizing pencil drawing techniques to create textures and shades. (C3)</li> <li>• Analyze: Comparing and contrasting various perspective drawing methods. (C4)</li> </ul>	
<b>2</b>	<p><b>Life Sketching and Composition</b>  Life Sketching: Capturing the human form and movement using pastels, markers, and colors.  Composition: Creating balanced and visually appealing compositions using various mediums such as pastels, color pencils, charcoal, and collage.</p>	<ul style="list-style-type: none"> <li>• Apply: Utilizing pastels, markers, and colors to sketch the human form. (C3)</li> <li>• Analyze: Examining composition elements and techniques in artworks. (C4)</li> <li>• Evaluate: Critiquing the balance and visual appeal of compositions. (C5)</li> <li>• Create: Generating visually appealing compositions using various mediums. (C6)</li> </ul>	
<b>3</b>	<p><b>Exploring Line and Color</b>  Elements of Line: Experimenting with different types of lines, both manually and digitally, and their application in textile design.  Color Theory: Applying color theory principles to create harmonious designs, including understanding the color wheel and various color schemes.</p>	<ul style="list-style-type: none"> <li>• Understand: Principles of color theory and harmonious design. (C2)</li> <li>• Apply: Utilizing various types of lines in textile design. (C3)</li> <li>• Analyze: Examining the use of lines and colors in design compositions. (C4)</li> <li>• Evaluate: Assessing the effectiveness of color schemes in design. (C5)</li> </ul>	
<b>4</b>	<p><b>Fashion Design and Textiles</b>  Fashion Illustration: Practicing fashion illustration techniques for both female and male figures.  Textile Design: Creating textile patterns for fashion and interiors, including floral, geometric, and other designs.</p>	<ul style="list-style-type: none"> <li>• Analyze: Deconstructing textile patterns for fashion and interiors. (C4)</li> <li>• Evaluate: Assessing the suitability of patterns for fashion and interior applications. (C5)</li> <li>• Create: Generating diverse textile patterns including floral, geometric, and others. (C6)</li> </ul>	

Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	0
Practical	40
Seminar/Journal Club	
Small group discussion (SGD)	4
Self-directed learning (SDL) / Tutorial	4
Problem Based Learning (PBL)	4
Case/Project Based Learning (CBL)	4
Revision	4
Others If any:	
Total Number of Contact Hours	60

**Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination**

Formative (60%)	Summative (40%)
Practical / Lab Proficiency (10 Marks)	University End Term Examination (20 Marks)
Viva-Voce / Quiz / Lab Test/ Internal Jury (5 Marks)	
Documentation & Reporting (5 Marks)	
Discipline Specific Practical / Lab Activities (10 Marks)	
Since the total marks of the external examination is 20, the examination will be conducted for 50 Marks and then bring down to 20	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Practical / Lab Proficiency	√	√	√	√	-
Viva-Voce / Quiz / Lab Test/ Internal Jury	√	√	√	√	√
Documentation & Reporting	√	√	√	√	-
Discipline Specific Practical / Lab Activities	√	√	√	√	√
University End Term Examination	√	√	√	√	√

<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Text Books:</b>	
<ul style="list-style-type: none"> <li>• Angel Fernandez and Gabriel Martin Roig, Drawing for Fashion Designers, Anova Books Company Ltd., UK, 2007.</li> <li>• Caroline Tatham and Julian Seaman, Fashion Designing and Drawing Course, Thames and Hudson Publishers, UK, 2003.</li> <li>• Harold Carr, Fashion Design and Product Development, John Wiley and Sons Inc., New York, 1992.</li> <li>• Ireland, Patrick John, New Encyclopedia of Fashion Details, Batsford Ltd, 2009.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reference Books:</b></li> </ul>	
<ul style="list-style-type: none"> <li>• Janson H W, History of Art, Harry N. Abrams Inc., 5<sup>th</sup> edition, 1995.</li> <li>• Marian L Davis, Visual Design and Dress, Prentice Hall, New Jersey, 1996.</li> <li>• Piper, David, The Joy of Art, Mitchell Beazley Publishers, 1984.</li> <li>• Stanyer, Peter, The Complete Book of Drawing Techniques, Arcturus Publishing Limited for BookMart Limited 2003.</li> <li>• Suzanne G Marshall, Hazel O Jackson Individuality in Clothing and Personal Appearance, PrenticeHall, New Jersey, 2000</li> </ul>	

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140103
<b>Course Title</b>	Elements of Textiles
<b>Academic Year</b>	I
<b>Semester</b>	I
<b>Number of Credits</b>	4
<b>Course Prerequisite</b>	
<b>Course Synopsis</b>	Elements of Textiles offers a comprehensive exploration of fibers, yarns, fabrics, and finishes, providing students with a deep understanding of the fundamental components and characteristics of textiles. Through the study of fiber science, yarn formation, fabric construction, and textile finishes, students gain insight into the molecular structure, production methods, and functional properties of textiles. Emphasis is placed on hands-on activities, laboratory experiments, and industry case studies to reinforce theoretical concepts and develop practical skills. By the end of the course, students are equipped with the knowledge and expertise needed to analyze, evaluate, and innovate within the textile industry, preparing them for further study or careers in related fields such as fashion, interior design, and technical textiles.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remember: Classify fibers and recall their properties.
<b>CO2</b>	Understand: Discover the manufacturing process of fibers.
<b>CO3</b>	Apply: Apply knowledge of yarn types and their production methods.
<b>CO4</b>	Analyse: Analyse weaving methods and their unique features.
<b>CO5</b>	Create: Evaluate the applications and uses of non-woven fabrics.

**Mapping of Course Outcomes (COs) to Program Outcomes (POs)& Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PSO 1 1	PSO 1 2	PSO 1 3	PSO 1 4
<b>CO1</b>	3	2	2	-	2	2	2	-	2	2	-	-	-	-	-
<b>CO2</b>	3	3	2	-	3	2	2	-	3	3	-	-	-	-	-
<b>CO3</b>	3	3	3	-	3	3	3	-	2	3	-	-	-	-	-
<b>CO4</b>	3	3	3	-	3	3	3	-	3	3	-	-	-	-	-
<b>CO5</b>	3	3	3	-	3	3	3	-	3	3	-	-	-	-	-
<b>Average</b>	3	2.8	2.6		2.8	2.6	2.6		2.6	2.8					

1= Weak Correlation    2= Moderate Correlation    3= Strong Correlation

**Course Content:**

L (Hours/Week)	T (Hours/Week)	P (Hours/Week)	CL (Hours/Week)	Total Hour/Week
4	0	0	0	4
Unit	Content			Competencies
<b>1</b>	<p><b>Fiber Classification and Properties and Fibre processing</b>                      Introduction to textiles- Definition and classification of textile fibres. Brief study of natural and man-made fibres –characteristics of textile fibers. Identification of textile fibres, Selection of fibres for intended end use.                      Study of important commercial natural fibres, properties and end uses – cotton, flax, jute, silk , wool. Study of important commercial man-made fibres –Viscose, Modal, Tencel, Polyamides (Nylon 6 and Nylon 6,6), Polyester, Acrylic, Polypropylene, Polyurethane (Spandex).</p>			<ul style="list-style-type: none"> <li>• Understand: Characteristics and properties of textile fibers. (C2)</li> <li>• Apply: Selecting appropriate fibers for intended end use. (C3)</li> <li>• Analyze: Comparing properties and end uses of natural and man-made fibers. (C4)</li> </ul>
<b>2</b>	<p><b>Spinning Process</b>                      Introduction to spinning- Definition and classification; Chemical spinning- Melt, Dry and Wet Spinning of Man-made fibres. Brief learning of short staple and long staple spinning. Brief study of mechanical spinning techniques- Ring, Rotor (Open end) and Airjet- Preparatory processes, spinning and post spinning operations. Classification of yarns- Study of fancy yarns.                      Yarn numbering systems and calculations- Brief study on sewing threads and numbering.</p>			<ul style="list-style-type: none"> <li>• Remember: Definition and classification of spinning techniques. (C1)</li> <li>• Understand: Different spinning methods including chemical and mechanical. (C2)</li> <li>• Apply: Implementing various spinning techniques in fiber production. (C3)</li> </ul>
<b>3</b>	<p><b>Major Fabric Manufacturing Process-Weaving</b>                      Introduction to weaving, Weaving machine and classification, Brief study of weaving mechanism- Primary, secondary and auxiliary motions, parts and functions of a loom; Shedding devices for patterning- dobby and jacquard. Picking devices for patterning- Drop-box and pick-at-will mechanisms.                      Automatic shuttle looms, types and salient features. Brief study of shuttle-less looms – Rapier, Projectile, Air-jet, Water jet.</p>			<ul style="list-style-type: none"> <li>• Remember: Introduction to weaving and weaving machine classification. (C1)</li> <li>• Understand: Weaving mechanism including primary, secondary, and auxiliary motions. (C2)</li> <li>• Apply: Operating weaving machines and understanding their functions. (C3)</li> </ul>
<b>4</b>	<p><b>Major Fabric Manufacturing Process- Knitting</b>                      Introduction to knitting- principles of knitting, terms and definitions.                      Weft knitting machines classification- parts and functions of circular and flat weft knitting machines.                      Study of basic knitting elements and their significance. Understanding of knit fabric formation from knitting</p>			<ul style="list-style-type: none"> <li>• Remember: Principles, terms, and definitions of knitting. (C1)</li> <li>• Understand: Parts and functions of weft knitting machines. (C2)</li> <li>• Apply: Utilizing basic knitting elements to produce knit fabrics. (C3)</li> </ul>

<p>cycle. Basic weft knit structures and their characteristics. Principal weft knit stitches and their characteristics. Study of important commercial weft knit derivative designs.</p> <p>Warp knitting machines classification- parts and functions of tricot and raschel machines. Basic lapping variations- simplex and milanese - kitten raschel - singlebar, 2 bar, multi bar machines. types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.</p>	
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Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	45
Practical	
Seminar/Journal Club	
Small group discussion (SGD)	5
Self-directed learning (SDL) / Tutorial	2
Problem Based Learning (PBL)	2
Case/Project Based Learning (CBL)	6
Revision	
Others If any:	
Total Number of Contact Hours	60

### Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination

Formative (60 %)	Summative (40%)
Periodic Assessment (10 Marks)	University End Term Examination (40 Marks)
Professional Competency Assessment (10 Marks)	
Comprehensive Student Assessment (10 Marks)	
Discipline-Specific Activities Assessment (30 Marks)	
Since the total marks of the external examination is 40, the examination will be conducted for 50 Marks and then bring down to 40	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Periodic Assessment	√	√	√	√	-
Professional Competency Assessment	√	√	√	√	√
Comprehensive Student Assessment	√	√	√	√	-
Discipline-Specific Activities Assessment	√	√	√	√	√
University End Term Examination	√	√	√	√	√

<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Text Book(s)</b>	
Textiles –Fibre to fabric, Corbmann B.P, International student's edition, Mc Graw Hill. Book company, Singapore,1985.	
Textile fabrics and their Selection – Isabel Barnum Wingate ,Published by Prentice-Hall, 1964.	
Fundamentals of Textiles and Their care, Susheela dantyagi, Orient Longman Private imited, Fifth edition,1996.	
<b>Reference Books</b>	
Textile Mechanisms in Spinning and Weaving Machines, Ganapathy Nagarajan, Woodhead Publishing India in Texiles,2014.	
Mechanisms of Flat Weaving Technology, Elena V Chepelyuk, Palitha Bandara and Valeriy V Choogin; Woodhead Publishing series in Textiles,2013.	
Handbook of fiber science and Technology, Menachem Lewin and Stephen B Sello, Marcel Dekker, Inc, New York,1984.	

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140104
<b>Course Title</b>	Pattern Making and Garment Construction- I
<b>Academic Year</b>	I
<b>Semester</b>	I
<b>Number of Credits</b>	4
<b>Course Prerequisite</b>	NA
<b>Course Synopsis</b>	Pattern Making and Garment Construction - I is a comprehensive course that introduces students to the fundamental principles and techniques necessary for creating patterns and constructing garments. Through a combination of theoretical instruction and practical exercises, students learn how to draft basic blocks, manipulate patterns, and make alterations to achieve desired fit and style. Emphasis is placed on developing precise pattern drafting skills and mastering garment construction techniques such as cutting, stitching, and finishing seams. By the end of the course, students gain the knowledge and hands-on experience needed to assemble basic garments while understanding the relationship between pattern making, fit, and construction, laying a solid foundation for further exploration in fashion design or apparel manufacturing.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remember: Recall sewing machine functions and necessary tools.
<b>CO2</b>	Understand: Compare pattern preparation methods.
<b>CO3</b>	Apply: Utilize various garment construction and pattern making techniques.
<b>CO4</b>	Analyse: Examine collar, yoke types and different dart manipulation techniques.
<b>CO5</b>	Create: Assess pattern layout, alteration, and grading techniques.

**Mapping of Course Outcomes (COs) to Program Outcomes (POs) & Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	2	2	-	2	-	3	-	2	-	-	2	2	-	-
CO2	2	2	3	-	3	-	3	-	3	-	-	3	3	-	-
CO3	3	3	3	-	3	-	3	-	2	-	-	3	3	-	-
CO4	3	3	3	-	3	-	3	-	3	-	-	3	3	-	-
CO5	3	3	2	-	3	-	3	-	3	-	-	3	3	-	-
<b>Average</b>	2.6	2.6	2.6		2.8		3		2.6			2.8	2.8		

1= Weak Correlation      2= Moderate Correlation      3= Strong Correlation

<b>Course Content:</b>			
<b>L (Hours/Week)</b>	<b>T (Hours/Week)</b>	<b>P (Hours/Week)</b>	<b>Total Hour/Week</b>
0	0	8	8
<b>Unit</b>	<b>Content</b>		<b>Competencies</b>
<b>1</b>	<p><b>Introduction to tools for pattern making and garment construction:</b> Measuring tools, marking tools, cutting tools, sewing tools, pressing tools, different GSM paper and uses, Pattern making terminologies and symbols (notches, punch/circles). Pattern information (grain, component details and symbols), seam allowance, fabric terms (grain, bowing).  <b>Figure Analysis:</b> Different types of figures, principles of pattern construction, Drafting, draping, and flat pattern – principles, advantages and disadvantages. Preparation of basic bodice block-front, back, sleeve, skirt front, back for women.</p>		<ul style="list-style-type: none"> <li>• Understand: Principles of figure analysis and pattern construction methods. (C2)</li> <li>• Apply: Utilizing measuring, marking, cutting, and sewing tools for garment construction. (C3)</li> <li>• Analyze: Comparing drafting, draping, and flat pattern techniques. (C4)</li> <li>• Evaluate: Assessing advantages and disadvantages of different pattern construction methods. (C5)</li> </ul>
<b>2</b>	<p><b>Fullness:</b> Darts, pleats, tucks, gathers, godets, flounces, ruffles. <b>Yokes:</b> With and without fullness style lines. <b>Neck line Finishes:</b> piping, facing (bias facing, shaped facing). <b>Plackets:</b> Definition, types Self, front placket, continues bound placket, two-piece sleeve placket and shirt placket. <b>Pockets:</b> Definitions, purpose, patch pockets, patch pockets with flap, seam pockets, welt pockets &amp; variations. <b>Flat pattern technique:</b> Pivot, slash and spread method, single dart, double dart series, parallel darts, graduating darts. Dart Manipulation - Conversion of darts to tucks, pleats, gathers, seam lines etc.</p>		<ul style="list-style-type: none"> <li>• Analyze: Deconstructing flat pattern techniques and dart manipulation methods. (C4)</li> <li>• Evaluate: Assessing the effectiveness of various fullness and dart manipulation techniques. (C5)</li> <li>• Create: Developing garment designs using flat pattern techniques and advanced dart manipulations. (C6)</li> </ul>
<b>3</b>	<p><b>Introduction to sewing machines:</b> Classification of sewing machine and its applications, domestic sewing machine, industrial sewing machine, difference between domestic &amp; industrial sewing machine, parts and functions of a sewing machine, varieties of industrial sewing machines - chain stitch machines, single needle lock stitch machine (SNLS), double needle lock stitch machine (DNLS), over-lock machine, flat lock machines, brief study of special purpose sewing machines, care and maintenance of sewing machine, parts of sewing machine - machine beds and types - feed mechanism and types, special attachments.</p>		<ul style="list-style-type: none"> <li>• Remember: Classification, applications, and parts of sewing machines.</li> <li>• Understand: Differences between domestic and industrial sewing machines.</li> <li>• Apply: Operating domestic and industrial sewing machines for various tasks.</li> <li>• Analyze: Comparing different types of industrial sewing machines.</li> </ul>
<b>4</b>	<p><b>Sewing needles and sewing threads:</b> Sewing machine needles - types, parts &amp; functions, sewing needles for different fabrics - needle size, function, varieties, performance, characteristics. Introduction to sewing threads,</p>		<ul style="list-style-type: none"> <li>• Remember: Classification, applications, and parts of sewing machines. (C1)</li> </ul>

	<p>types of sewing threads and characteristics, numbering system.</p> <p><b>Stitches and seams:</b> Basic principles of stitch formation - classification of stitches and seams based on federal standards - application of stitches on different garment types.</p>	<ul style="list-style-type: none"> <li>• Understand: Differences between domestic and industrial sewing machines. (C2)</li> <li>• Apply: Operating domestic and industrial sewing machines for various tasks. (C3)</li> <li>• Analyze: Comparing different types of industrial sewing machines. (C4)</li> </ul>
<p><b>5</b></p>	<p>Safety practices while working on industrial sewing machine. Care and maintenance on sewing machine. Sewing machine practices.</p> <p>Threading practice - SNLS - pedal control exercise, straight line exercise, broken line exercise, parallel line exercise, corner handling exercise, wave pattern exercise.</p> <p>SPI adjustment and thread calculation - SNLS and overlock machine.</p> <p>Threading practice - Over lock machine, Straight sewing practice – over lock machine, Wavy sewing practice - over lock machine</p> <p>Button holing practice - Button holing machine</p> <p>Constructing various types of stitches and seam finishes as per federal standards.</p> <p>Fullness - Darts, pleats, tucks, gathers, godets, ruffles, flounces.</p> <p>Finishes - Neckline finishes - facing, shaped facing, piping and binding.</p> <p>Yokes - With and without fullness style lines, plackets and pockets (all types)</p> <p>Dart manipulation - Conversion of darts to tucks, pleats, gathers, seam lines etc.</p>	<ul style="list-style-type: none"> <li>• Remember: Safety practices and care for industrial sewing machines. (C1)</li> <li>• Understand: Threading techniques and machine maintenance. (C2)</li> <li>• Apply: Practicing threading, stitching, and seam finishes on sewing machines. (C3)</li> <li>• Analyze: Adjusting SPI and calculating thread requirements. (C4)</li> <li>• Evaluate: Assessing the quality of stitches and seam finishes. (C5)</li> <li>• Create: Constructing various stitches, seam finishes, and fabric manipulations. (C5)</li> </ul>

*Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.*

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	
Practical	90
Seminar/Journal Club	
Small group discussion (SGD)	
Self-directed learning (SDL) / Tutorial	5
Problem Based Learning (PBL)	10
Case/Project Based Learning (CBL)	10
Revision	5
Others If any:	
Total Number of Contact Hours	120

### Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination

Formative (60%)	Summative (40%)
Practical / Lab Proficiency (20 Marks)	University End Term Examination (40 Marks)
Viva-Voce / Quiz / Lab Test/ Internal Jury (10 Marks)	
Documentation & Reporting (10 Marks)	
Discipline Specific Practical / Lab Activities (20 Marks)	
Since the total marks of the external examination is 40, the examination will be conducted for 50 Marks and then bring down to 40	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Practical / Lab Proficiency	√	√	√	√	-
Viva-Voce / Quiz / Lab Test/ Internal Jury	√	√	√	√	√
Documentation & Reporting	√	√	√	√	-
Discipline Specific Practical / Lab Activities	√	√	√	√	√
University End Term Examination	√	√	√	√	√

<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Text Books:</b>	
<ul style="list-style-type: none"> <li>• Chuter A.J., Introduction to Clothing Production Management , Blackwell Scientific Publications, 1988.</li> <li>• Conne Amaden-Crawford, Fashion Sewing: Advanced Techniques, Bloomsbury Publishing Plc., UK, 2015.</li> <li>• David J. Tyler, Materials Management in Clothing Production , Blackwell Scientific Publications, 1<sup>st</sup> edition, 1992.</li> <li>• Helen Joseph and Armstrong, Pattern Making for Fashion Designing, Prentice Hall, New York, 2004.</li> <li>• Joseph H Armstrong, Helen. Draping for Fashion Design. Fairchild Publications, New York, 2000.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reference Books:</b></li> </ul>	
<ul style="list-style-type: none"> <li>• Laing R M and Webster J, Stitches and Seams, Textile Progress, The Textile Institute, Manchester, 1998.</li> <li>• Sultan Chand &amp; Sons, Management Accounting, New Delhi, 2<sup>nd</sup> edition, 1998.</li> <li>• Ukponmwan J O, Chatterjee K N and Mukhopadhyay A, Sewing Threads, Textile Progress Vol. 30, The Textile Institute, Manchester, 2001.</li> <li>• Winfred Aldrich, Metric Pattern Cutting, Black Well Science, UK, 2015.</li> </ul>	

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140105
<b>Course Title</b>	Design Process
<b>Academic Year</b>	I
<b>Semester</b>	II
<b>Number of Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Synopsis</b>	Design Process offers a structured exploration of the creative journey from concept to realization, providing students with a comprehensive understanding of the principles and stages involved in effective design. Through a blend of theoretical concepts and practical exercises, students learn to navigate each phase of the design process, including research, ideation, conceptualization, prototyping, iteration, and refinement. Emphasizing creativity, critical thinking, and problem-solving skills, this course equips students with the tools and methodologies to generate innovative design solutions across various disciplines, from product and graphic design to fashion and interior design. Through hands-on projects, critiques, and case studies, students gain practical experience in applying design principles and techniques, fostering a holistic approach to design thinking and practice.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remember: Grasp design thinking's role in problem-solving.
<b>CO2</b>	Understand: Comprehend user research for empathetic design.
<b>CO3</b>	Apply: Utilize ideation for diverse design solutions.
<b>CO4</b>	Analyse: Refine designs through user feedback analysis.
<b>CO5</b>	Create: Communicate design concepts effectively.

**Mapping of Course Outcomes (COs) to Program Outcomes (POs) & Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PSO 1	PSO 2	PSO 3	PSO 4
CO1	-	3	2	3	3	-	3	-	2	-	3	-	-	-	-
CO2	-	2	3	3	2	-	3	-	3	-	2	-	-	-	-
CO3	-	3	3	3	3	-	3	-	2	-	3	-	-	-	-
CO4	-	3	3	3	3	-	3	-	3	-	2	-	-	-	-
CO5	-	3	2	3	3	-	3	-	3	-	3	-	-	-	-
<b>Average</b>		8	2.6	3	2.8		3		2.6		2.6				

1= Weak Correlation      2= Moderate Correlation      3= Strong Correlation



<b>Course Content:</b>			
<b>L (Hours/Week)</b>	<b>T (Hours/Week)</b>	<b>P (Hours/Week)</b>	<b>Total Hour/Week</b>
0	0	4	4
<b>Unit</b>	<b>Content</b>	<b>Competencies</b>	
<b>1</b>	<b>Introduction to Design Thinking and Design Process</b> <ul style="list-style-type: none"> <li>Understanding the principles and foundations of design thinking.</li> <li>Exploring the design process and its stages.</li> <li>Overview of the importance of user-centered design.</li> <li>Introduction to design research methods.</li> </ul>	<ul style="list-style-type: none"> <li>Remember: Principles of design thinking. (C1)</li> <li>Understand: Foundations of the design process. (C2)</li> <li>Apply: Implementing user-centered design principles. (C3)</li> </ul>	
<b>2</b>	<b>Empathize and Define</b> <ul style="list-style-type: none"> <li>Conducting user research: interviews, observations, and surveys.</li> <li>Analyzing research findings and identifying user needs.</li> <li>Creating user personas and empathy maps.</li> <li>Defining design challenges and problem statements.</li> </ul>	<ul style="list-style-type: none"> <li>Understand: Analysis of research findings and user needs. (C2)</li> <li>Apply: Developing user personas and empathy maps. (C3)</li> <li>Create: Crafting actionable insights for design solutions. (C6)</li> </ul>	
<b>3</b>	<b>Ideate</b> <ul style="list-style-type: none"> <li>Techniques for generating creative ideas: brainstorming, mind mapping, and sketching.</li> <li>Using design thinking tools like the How Might We technique.</li> <li>Collaborative ideation sessions and group dynamics.</li> <li>Prioritizing ideas and selecting the most promising concepts.</li> </ul>	<ul style="list-style-type: none"> <li>Remember: Techniques for creative idea generation. (C1)</li> <li>Understand: Utilization of design thinking tools like "How Might We". (C2)</li> <li>Apply: Conducting collaborative ideation sessions. (C3)</li> </ul>	
<b>4</b>	<b>Prototype</b> <ul style="list-style-type: none"> <li>Introduction to prototyping tools and techniques.</li> <li>Building low-fidelity prototypes: paper prototypes, wireframes, and storyboards.</li> <li>Iterative prototyping and rapid experimentation.</li> <li>Testing and gathering feedback on prototypes.</li> </ul>	<ul style="list-style-type: none"> <li>Understand: Creation of low-fidelity prototypes. (C2)</li> <li>Apply: Iterative prototyping and rapid experimentation. (C3)</li> <li>Analyze: Testing and gathering feedback on prototypes. (C4)</li> </ul>	
<b>5</b>	<b>Test and Refine &amp; Presentation and Reflection</b> <ul style="list-style-type: none"> <li>Conducting user testing sessions.</li> <li>Analyzing user feedback and observations.</li> <li>Iterating and refining designs based on test results.</li> <li>Incorporating user feedback into the design process.</li> <li>Creating compelling design presentations.</li> <li>Effective communication of design ideas and solutions.</li> <li>Reflecting on the design process and identifying areas for improvement.</li> <li>Reviewing the overall design journey and project outcomes.</li> </ul>	<ul style="list-style-type: none"> <li>Remember: Conducting user testing sessions. (C1)</li> <li>Understand: Analysis of user feedback and observations. (C2)</li> <li>Apply: Iterating and refining designs based on test results. (C3)</li> <li>Analyze: Incorporating user feedback into the design process. (C4)</li> </ul>	

*Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.*

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	
Practical	40
Seminar/Journal Club	
Small group discussion (SGD)	
Self-directed learning (SDL) / Tutorial	5
Problem Based Learning (PBL)	5
Case/Project Based Learning (CBL)	10
Revision	
Others If any:	
Total Number of Contact Hours	60

**Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination**

Formative (60%)	Summative (40%)
Practical / Lab Proficiency (10 Marks)	University End Term Examination (20 Marks)
Viva-Voce / Quiz / Lab Test/ Internal Jury (5 Marks)	
Documentation & Reporting (5 Marks)	
Discipline Specific Practical / Lab Activities (10 Marks)	
Since the total marks of the external examination is 20, the examination will be conducted for 50 Marks and then bring down to 20	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Practical / Lab Proficiency	√	√	√	√	-
Viva-Voce / Quiz / Lab Test/ Internal Jury	√	√	√	√	√
Documentation & Reporting	√	√	√	√	-
Discipline Specific Practical / Lab Activities	√	√	√	√	√
University End Term Examination	√	√	√	√	√

<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Text Books:</b>	
<ul style="list-style-type: none"> <li>• Design Thinking: Creating Learning Journeys That Get Results- Sharon Boller and Laura Fletcher, Published by ATD Press publication, (195049618X ISBN)</li> <li>• The Design Process - Karl Aspelund, Published by Fairchild Books publication (1609018389 ISBN)</li> </ul>	
<b>Reference Books:</b>	
<ul style="list-style-type: none"> <li>• Design Thinking: Understanding How Designers Think and Work - Nigel Cross, Published by Bloomsbury Publishing India Private Limited. (1847886361 ISBN)</li> <li>• Sywam course on design Thinking - A Primer- Prof. Ashwin Mahalingam, Prof. Bala Ramadurai, Published by IIT Madras.</li> </ul>	

**SEMESTER – II**

Course Code	Course Type	Course Title	Teaching Hours / Week			Credit	Marks Distribution		
			L	T	P		IAE	ESE	Total
15140201	<b>DSC-4 (Th)</b>	Fashion Study -II (Th)	2	0	0	2	30	20	50
15140202	<b>DSC -4 (P)</b>	Fashion Study -II (P)	0	0	4	2	30	20	50
15140203	<b>DSC-5</b>	Textile Coloration and Finishing	0	0	8	4	60	40	100
15140204	<b>DSC-6</b>	Pattern Making and Garment Construction- II	0	0	8	4	60	40	100
15140205	<b>SEC-2</b>	Fashion Material Exploration	0	0	4	2	30	20	50
	<b>GE- 2</b>	GE- 2	4	0	0	4	60	40	100
	<b>AECC- 2</b>	AECC- 2	2	0	0	2	30	20	50
	<b>VAC- 2</b>	VAC- 2	2	0	0	2	30	20	50
		<b>Total</b>				<b>22</b>			

**UG CERTIFICATE- Fashion Design (Total Credit: 44)**

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140201
<b>Course Title</b>	Fashion Study -II (Th)
<b>Academic Year</b>	I
<b>Semester</b>	II
<b>Number of Credits</b>	2
<b>Course Prerequisite</b>	Fashion Study -I
<b>Course Synopsis</b>	Fashion Study - II (Theory) delves into the foundational aspects of fashion design, exploring terminology, design elements, principles, and the creative process. Students will gain a comprehensive understanding of fashion fundamentals, including key concepts such as fashion, style, and silhouette, alongside structural and decorative design elements. Through practical applications, students will learn to manipulate design elements and principles to create cohesive and visually appealing fashion designs. Additionally, the course covers the utilization of various art media in fashion illustration and design, enhancing students' creative expression. Theoretical components include the study of fashion theory, clothing origin, and the cyclical nature of fashion trends, as well as advanced topics like anatomy and the fashion design process. By the end of the course, students will possess a well-rounded understanding of fashion design principles and processes, preparing them for further exploration and advancement in the field.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remeber color theories in fashion.
<b>CO2</b>	Understand methods of preparing fashion illustraions.
<b>CO3</b>	Apply fashion processes and rendering techniques in fashion art illustration.
<b>CO4</b>	Analyze the selection of color from different color schemes.
<b>CO5</b>	Create fashion art illustraion and model drawing using different techniques.

**Mapping of Course Outcomes (COs) to Program Outcomes (POs)& Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	2	2	-	2	2	3	-	2	-	-	-	-	-	-
CO2	2	2	3	-	3	3	3	-	3	-	-	-	-	-	-
CO3	3	3	3	-	3	3	3	-	2	-	-	-	-	-	-

<b>CO4</b>	3	3	3	-	3	3	3	-	3	-	-	-	-	-	-
<b>CO5</b>	3	3	2	-	3	3	3	-	3	-	-	-	-	-	-
<b>Average</b>	2.6	2.6	2.6		2.8	2.8	3		2.6						

1= Weak Correlation    2= Moderate Correlation    3= Strong Correlation

### Course Content:

<b>L (Hours/Week)</b>	<b>T (Hours/Week)</b>	<b>P (Hours/Week)</b>	<b>Total Hour/Week</b>
2	0	0	2

<b>Unit</b>	<b>Content</b>	<b>Competencies</b>
<b>1</b>	<p><b>Fundamentals of Fashion</b>            Fashion Introduction and Terminologies: Exploring key concepts such as fashion, style, trend, and silhouette, along with terms like boutique, haute couture, and designer.            Design Definition and Types: Understanding structural and decorative design elements, including natural, geometric, abstract, and stylized designs, and their application in fashion.</p>	<ul style="list-style-type: none"> <li>Remember: Key fashion concepts and terminologies. (C1)</li> <li>Understand: Structural and decorative design elements in fashion. (C2)</li> <li>Apply: Implementing design elements in fashion creation. (C3)</li> </ul>
<b>2</b>	<p><b>Elements and Principles in Fashion Design</b>            Application of Design Elements: Examining the use of line, shape, color, size, and texture in fashion design.            Application of Design Principles: Exploring principles like balance, rhythm, emphasis, and harmony and their significance in fashion design.            Application of Art Media: Utilizing various art mediums such as pencils, pastels, and markers in fashion illustration and design.</p>	<ul style="list-style-type: none"> <li>Understand: Significance of line, shape, color, size, and texture in fashion. (C2)</li> <li>Apply: Incorporating design principles like balance, rhythm, and emphasis. (C3)</li> <li>Analyze: Evaluating the use of art mediums in fashion illustration. (C4)</li> </ul>
<b>3</b>	<p><b>Fashion Theory and Process</b>            Theory of Clothing Origin and Fashion Cycle: Studying the evolution of clothing and the cyclical nature of fashion trends.            Fashion Theories and Movement: Analyzing theories like trickle-up, trickle-down, and trickle-across, along with factors influencing fashion movement.            Introduction to Anatomy and Fashion Design Process: Understanding the basics of human anatomy, along with the fashion design process from idea generation to market survey and trend forecasting.</p>	<ul style="list-style-type: none"> <li>Remember: Evolution of clothing and fashion trends. (C1)</li> <li>Understand: Theories influencing fashion movement. (C2)</li> <li>Apply: Utilizing knowledge of human anatomy in fashion design. (C3)</li> <li>Analyze: Examining factors affecting fashion movement. (C4)</li> </ul>

4	<p><b>Advanced Fashion Concepts</b>  Anatomy and Fashion Design Process: Delving deeper into anatomical studies and the intricacies of the fashion design process, including brainstorming, concept building, and design research.</p>	<ul style="list-style-type: none"> <li>• Remember: Anatomical studies and fashion design process intricacies. (C1)</li> <li>• Understand: Advanced concepts in anatomy and fashion design. (C2)</li> <li>• Apply: Implementing brainstorming and concept building in design. (C3)</li> </ul>
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*Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.*

### **Learning Strategies and Contact Hours**

<b>Learning Strategies</b>	<b>Contact Hours</b>
Lecture	20
Practical	
Seminar/Journal Club	
Small group discussion (SGD)	2
Self-directed learning (SDL) / Tutorial	2
Problem Based Learning (PBL)	2
Case/Project Based Learning (CBL)	2
Revision	2
Others If any:	
<b>Total Number of Contact Hours</b>	<b>30</b>

### **Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination**

<b>Formative (60 %)</b>	<b>Summative (40%)</b>
Periodic Assessment (5 Marks)	University End Term Examination (20 Marks)
Professional Competency Assessment (5 Marks)	
Comprehensive Student Assessment (5 Marks)	
Discipline-Specific Activities Assessment (15 Marks)	
Since the total marks of the external examination is 20, the examination will be conducted for 50 Marks and then bring down to 20	

### **Mapping of Assessment with COs**

<b>Nature of Assessment</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>
Periodic Assessment	√	√	√	√	-
Professional Competency Assessment	√	√	√	√	√
Comprehensive Student Assessment	√	√	√	√	-
Discipline-Specific Activities Assessment	√	√	√	√	√
University End Term Examination	√	√	√	√	√



<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Textbooks:</b>	
<ul style="list-style-type: none"> <li>• Angel Fernandez and Gabriel Martin Roig, Drawing for fashion designers, Anova books companyltd., UK, 2007.</li> <li>• Caroline Tatham and Julian Seaman, Fashion Designing and Drawing Course, Thames and HudsonPublishers, UK, 2003.</li> <li>• Harold Carr, Fashion Design and Product Development, John Wiley and Sons Inc., NewYork, 1992.</li> <li>• Ireland, Patrick John, Modern Fashion Design Drawing, Harper Collins, 1982.</li> <li>• Ireland, Patrick John, New Encyclopedia of Fashion Details, Batsford Ltd, 2009.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reference books:</b></li> </ul>	
<ul style="list-style-type: none"> <li>• Janson H W, History of Art, Harry N. Abrams Inc., 5th edition, 1995.</li> <li>• Marian L Davis, Visual Design and Dress, Prentice Hall, New Jersey, 1996.</li> <li>• Piper, David, The Joy of Art, Mitchell Beazley Publishers, 1984.</li> <li>• Stanyer, Peter, The Complete Book of Drawing Techniques, Arcturus Publishing Limited for Book Mart Limited 2003.</li> <li>• Suzanne G Marshall, Hazel O Jackson Individuality in Clothing and Personal Appearance, Prentice Hall, New Jersey, 2000.</li> </ul>	

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140202
<b>Course Title</b>	Fashion Study -II (P)
<b>Academic Year</b>	I
<b>Semester</b>	II
<b>Number of Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Synopsis</b>	Fashion Study – II (Practical) focuses on practical applications of art and design principles in fashion illustration and design. Students will explore various art media, develop rendering skills, understand perspective drawing, and apply elements and principles of design in their creative work. Additionally, color theory and fashion illustration techniques will be emphasized to enhance visual communication in fashion design.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remember: Retain fashion terminologies and processes.
<b>CO2</b>	Understand: Comprehend methods for preparing fashion illustrations.
<b>CO3</b>	Apply: Utilize color theories in fashion applications.
<b>CO4</b>	Analyse: Critically assess color selection across various schemes.
<b>CO5</b>	Create: Produce fashion art illustrations and model drawings using diverse

**Mapping of Course Outcomes (COs) to Program Outcomes (POs) & Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	2	2	2	2	-	3	-	2	2	-	-	-	-	-
CO2	2	2	3	3	3	-	3	-	3	3	-	-	-	-	-
CO3	3	3	3	3	3	-	3	-	2	3	-	-	-	-	-
CO4	3	3	3	3	3	-	3	-	3	3	-	-	-	-	-
CO5	3	3	2	3	3	-	3	-	3	3	-	-	-	-	-
<b>Average</b>	2.6	2.6	2.6	2.8	2.8		3		2.6	2.8					

1= Weak Correlation    2= Moderate Correlation    3= Strong Correlation

**Course Content:**

<b>L (Hours/Week)</b>	<b>T (Hours/Week)</b>	<b>P (Hours/Week)</b>	<b>Total Hour/Week</b>
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0		0	4	4
Unit	Content			Competencies
1	<p><b>Art Media and Techniques</b></p> <p>Introduction to Art Media: Exploring various art mediums and their applications in fashion illustration.</p> <p>Line Sketching and Painting Techniques: Practicing different sketching and painting techniques using pencils, color pencils, and wet media.</p> <p>Still Life and Nature Sketching: Creating compositions of still life objects and natural elements using pastels, charcoal, and mix media.</p>			<ul style="list-style-type: none"> <li>• Understand: Applications of sketching and painting techniques. (C2)</li> <li>• Apply: Practicing sketching and painting with different mediums. (C3)</li> <li>• Analyze: Comparing the effectiveness of various techniques. (C4)</li> </ul>
2	<p><b>Rendering and Perspective Drawing</b></p> <p>Freehand Drawing and Grid Technique: Developing rendering skills through freehand drawing and grid techniques.</p> <p>Perspective Drawing: Learning the principles of perspective drawing, including one-point, two-point, and three-point perspective.</p>			<ul style="list-style-type: none"> <li>• Understand: Principles of perspective drawing. (C2)</li> <li>• Apply: Utilizing one-point, two-point, and three-point perspective techniques. (C3)</li> <li>• Analyze: Comparing rendering and perspective drawing methods. (C4)</li> <li>• Create: Producing detailed renderings and perspective drawings. (C6)</li> </ul>
3	<p><b>Application of Elements and Principles of Design</b></p> <p>Elements of Design: Exploring fundamental design elements such as point, line, shape, space, color, and texture.</p> <p>Principles of Design: Understanding design principles like proportion, balance, rhythm, emphasis, and harmony.</p>			<ul style="list-style-type: none"> <li>• Analyze: Deconstructing how elements and principles are utilized in design compositions. (C4)</li> <li>• Evaluate: Assessing the effectiveness of design choices in achieving desired outcomes. (C5)</li> <li>• Create: Generating design compositions that demonstrate mastery of elements and principles. (C6)</li> </ul>
4	<p><b>Color Theory and Fashion Illustration</b></p> <p>Color Theory: Studying color systems, color wheels, and color harmonies, along with their applications in fashion design.</p> <p>Fashion Illustration Techniques: Practicing different techniques of fashion illustration, including stick, block, and fleshing of fashion figures in various poses.</p>			<ul style="list-style-type: none"> <li>• Apply: Utilizing fashion illustration techniques for figure rendering. (C3)</li> <li>• Analyze: Comparing different fashion illustration techniques. (C4)</li> <li>• Evaluate: Assessing the effectiveness of color application in illustrations. (C5)</li> <li>• Create: Developing fashion illustrations using various techniques and color harmonies. (C6)</li> </ul>

*Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.*

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	40
Practical	
Seminar/Journal Club	
Small group discussion (SGD)	4
Self-directed learning (SDL) / Tutorial	4
Problem Based Learning (PBL)	4
Case/Project Based Learning (CBL)	4
Revision	4
Others If any:	
Total Number of Contact Hours	60

**Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination**

Formative (60%)	Summative (40%)
Practical / Lab Proficiency (10 Marks)	University End Term Examination (20 Marks)
Viva-Voce / Quiz / Lab Test/ Internal Jury (5 Marks)	
Documentation & Reporting (5 Marks)	
Discipline Specific Practical / Lab Activities (10 Marks)	
Since the total marks of the external examination is 20, the examination will be conducted for 50 Marks and then bring down to 20	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Practical / Lab Proficiency	√	√	√	√	-
Viva-Voce / Quiz / Lab Test/ Internal Jury	√	√	√	√	√
Documentation & Reporting	√	√	√	√	-
Discipline Specific Practical / Lab Activities	√	√	√	√	√
University End Term Examination	√	√	√	√	√

<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Textbooks:</b>	
<ul style="list-style-type: none"> <li>• Angel Fernandez and Gabriel Martin Roig, Drawing for fashion designers, Anova books company ltd., UK, 2007.</li> <li>• Caroline Tatham and Julian Seaman, Fashion Designing and Drawing Course, Thames and Hudson Publishers, UK, 2003.</li> <li>• Harold Carr, Fashion Design and Product Development, John Wiley and Sons Inc., New York, 1992.</li> <li>• Ireland, Patrick John, Modern Fashion Design Drawing, Harper Collins, 1982.</li> <li>• Ireland, Patrick John, New Encyclopedia of Fashion Details, Batsford Ltd, 2009.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reference books:</b></li> </ul>	
<ul style="list-style-type: none"> <li>• Janson H W, History of Art, Harry N. Abrams Inc., 5th edition, 1995.</li> <li>• Marian L Davis, Visual Design and Dress, Prentice Hall, New Jersey, 1996.</li> <li>• Piper, David, The Joy of Art, Mitchell Beazley Publishers, 1984.</li> <li>• Stanyer, Peter, The Complete Book of Drawing Techniques, Arcturus Publishing Limited for Book Mart Limited 2003.</li> <li>• Suzanne G Marshall, Hazel O Jackson Individuality in Clothing and Personal Appearance, Prentice Hall, New Jersey, 2000.</li> </ul>	

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140203
<b>Course Title</b>	Textile Coloration and Finishing
<b>Academic Year</b>	I
<b>Semester</b>	II
<b>Number of Credits</b>	4
<b>Course Prerequisite</b>	NA
<b>Course Synopsis</b>	Textile Coloration and Finishing is a comprehensive course that explores the science, techniques, and applications of coloration and finishing processes in textiles. Through theoretical study and practical applications, students delve into the principles of color theory, color matching, and dyeing methods for natural and synthetic fibers. Additionally, the course covers various finishing techniques such as printing, coating, and chemical treatments, examining their effects on fabric properties and performance. Emphasis is placed on understanding the environmental and sustainability considerations in textile coloration and finishing processes, as well as the technological advancements shaping the industry. By the end of the course, students gain a thorough understanding of textile coloration and finishing techniques, enabling them to analyze, innovate, and implement these processes in real-world textile applications.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remember Process sequence in a textile industry
<b>CO2</b>	Understand the types of finishes, dyes and prints.
<b>CO3</b>	Apply the dyes and dyeing methods on different fabrics.
<b>CO4</b>	Analyse the pollution created by the textile industry and the need for effluent treatment
<b>CO5</b>	Create fabric swatches using different techniques of dyeing and printing.

**Mapping of Course Outcomes (COs) to Program Outcomes (POs) & Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	2	2	2	-	2	-	2	-	-	2	3	3	-
CO2	3	3	2	3	3	-	2	-	3	-	-	3	3	2	-
CO3	3	3	3	3	3	-	3	-	2	-	-	3	3	3	-

<b>CO4</b>	3	3	3	3	3	-	3	-	3	-	-	3	3	3	-
<b>CO5</b>	3	3	3	3	3	-	3	-	3	-	-	3	3	3	-
<b>Average</b>	3	2.8	2.6	2.8	2.8		2.6		2.6			2.8	3	2.8	

1= Weak Correlation    2= Moderate Correlation    3= Strong Correlation

### Course Content:

L (Hours/Week)	T (Hours/Week)	P (Hours/Week)	Total Hour/Week
0	0	8	8

Unit	Content	Competencies
<b>1</b>	<p><b>Preparatory Processes</b> Introduction- Significance of preparatory processes, various preparatory processes- Singeing, desizing, scouring, bleaching, mercerization, Material flow sequence of preparatory processes Objectives of each preparatory process</p> <ul style="list-style-type: none"> <li>• Scouring of yarn and fabric through alkali boiling.</li> <li>• Desizing of grey woven fabric.</li> <li>• Bleaching of scoured yarn and fabric using hydrogen peroxide.</li> </ul>	<ul style="list-style-type: none"> <li>• Remember: Significance of preparatory processes and their types. (C1)</li> <li>• Understand: Objectives and material flow sequence of preparatory processes. (C2)</li> <li>• Apply: Performing scouring, desizing, and bleaching processes. (C3)</li> <li>• Evaluate: Determining the quality of scoured, desized, and bleached materials. (C5)</li> </ul>
<b>2</b>	<p><b>Dyeing</b> Introduction to color and dyeing, classification of dyes, Application of dyes to various fibre types- Direct dyes, acid dyes, basic dyes, reactive dyes, vat dyes, disperse reactive dyes, Natural dyes and its significance. Brief study on dyeing machines- jigger, winch, HT and HP Beam, jet dyeing, padding mangles. Dyeing faults- cause and remedies;</p> <ul style="list-style-type: none"> <li>• Dyeing of cotton using reactive cold brand dyes.</li> <li>• Dyeing of cotton with reactive hot brand dyes.</li> <li>• Dyeing of cotton with vat dyes. Dyeing of silk and nylon with acid dyes.</li> <li>• Dyeing of silk and nylon with reactive dyes. Dyeing of polyester with disperse dyes.</li> </ul>	<ul style="list-style-type: none"> <li>• Apply: Performing dyeing processes using different dye types. (C3)</li> <li>• Analyze: Identifying dyeing faults and their remedies. (C4)</li> <li>• Evaluate: Assessing the effectiveness of dyeing methods. (C5)</li> <li>• Create: Developing dyeing recipes for different fiber types. (C6)</li> </ul>
<b>3</b>	<p><b>Printing</b> Introduction to printing, difference between dyeing and printing, styles of printing, methods of printing, printing paste, printing paste ingredients and their preparation, printing of various fibre type, garment printing. Direct Printing – Block Printing - History and techniques used. Screen Printing – Flat screen and Rotary screen,</p>	<ul style="list-style-type: none"> <li>• Understand: Varieties of printing styles and their techniques. (C2)</li> <li>• Apply: Implementing various printing methods on different fiber types. (C3)</li> <li>• Analyze: Identifying causes</li> </ul>

	<p>techniques used Resist Printing – Tie and Dye and Batik; Process sequence and techniques. Discharge Printing, other methods – Digital Printing, Heat transfer printing Printing faults- cause and remedies</p> <ul style="list-style-type: none"> <li>• Printing paste preparation.</li> <li>• Block printing. Table screen printing.</li> <li>• Thermal transfer printing.</li> <li>• Tie and dye, shibori, batik, marbling effect.</li> </ul>	<p>of printing faults and their remedies. (C4)</p> <ul style="list-style-type: none"> <li>• Evaluate: Assessing the quality of printed materials. (C5)</li> <li>• Create: Developing innovative printing designs and techniques. (C6)</li> </ul>
4	<p><b>Finishing</b> Introduction to textile finishes, classification of textile finishes, various mechanical finishes- Calendering, Embossing, Brushing, Sueding, Shearing, Raising, Crinkling, Tentering, Moiré finish, Flocking, Stamping, Crushing, Pleating, Puckering, Pilling, Stiffening, Sanforizing, Decatising, Singeing, Beetling. Introduction to chemical finishes, brief study on various chemical finishes, quality evaluation of finishing, Biofinishing techniques. Special purpose finish – fragrance, antibacterial, stone wash and enzyme wash in denim , Aesthetic finish– glazed, Moire, embossed, napped finish Functional finish – Water repellent, flame retardant, antistatic finish Recent trends – Microencapsulation and nano finishes Dyes – classification and suitability of dyes to the fabric</p>	<ul style="list-style-type: none"> <li>• Remember: Classification of textile finishes and types of mechanical and chemical finishes. (C1)</li> <li>• Understand: Purpose and effects of various finishing techniques. (C2)</li> <li>• Apply: Implementing mechanical and chemical finishes on textiles. (C3)</li> <li>• Analyze: Comparing different finishing techniques and their suitability. (C4)</li> </ul>



Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	
Practical	90
Seminar/Journal Club	
Small group discussion (SGD)	5
Self-directed learning (SDL) / Tutorial	5
Problem Based Learning (PBL)	10
Case/Project Based Learning (CBL)	5
Revision	5
Others If any:	
Total Number of Contact Hours	120

### Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination

Formative (60%)	Summative (40%)
Practical / Lab Proficiency (20 Marks)	University End Term Examination (40 Marks)
Viva-Voce / Quiz / Lab Test/ Internal Jury (10 Marks)	
Documentation & Reporting (10 Marks)	
Discipline Specific Practical / Lab Activities (20 Marks)	
Since the total marks of the external examination is 40, the examination will be conducted for 50 Marks and then bring down to 40	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Practical / Lab Proficiency	√	√	√	√	-
Viva-Voce / Quiz / Lab Test/ Internal Jury	√	√	√	√	√
Documentation & Reporting	√	√	√	√	-
Discipline Specific Practical / Lab Activities	√	√	√	√	√
University End Term Examination	√	√	√	√	√

<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Text Book(s)</b>	
<ul style="list-style-type: none"> <li>• Textile Chemistry, Paters R.H, Elsevier Publishing , 1967.</li> <li>• Technology of Textile Processing, Shenai V.A., Sevak publications, Bombay, 1981.</li> <li>• Textile Finishing , Shenai.V.A. Sevak Publications, Mumbai, 1999.</li> </ul>	
<b>Reference Books</b>	
<ul style="list-style-type: none"> <li>• Functional Finishes, Menachem Lewin and Stephen B. Sello, Marcel Dekker, Inc., 1984.</li> <li>• Textile Finishing, R.S.Prayag, Shree J Printers, India, 1994.</li> </ul>	

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140204
<b>Course Title</b>	Pattern Making and Garment Construction- II
<b>Academic Year</b>	I
<b>Semester</b>	II
<b>Number of Credits</b>	4
<b>Course Prerequisite</b>	
<b>Course Synopsis</b>	Pattern Making and Garment Construction - II is an advanced course that builds upon the foundational skills developed in Pattern Making and Garment Construction - I, focusing on more complex garment construction techniques and advanced pattern manipulation. Students deepen their understanding of pattern drafting principles, exploring advanced pattern alterations, grading, and adaptation for specialized garment types such as tailored garments, outerwear, and lingerie. Through practical projects and experimentation, students refine their garment construction skills, mastering advanced sewing techniques, couture finishes, and industry-standard production methods. Emphasis is placed on precision, fit, and attention to detail, as students work towards creating high-quality, professionally finished garments. By the end of the course, students emerge with the expertise and confidence to tackle complex garment construction challenges, preparing them for careers in fashion design, pattern making, or apparel manufacturing.

**Course Outcomes:**

At the end of the course students will be able to:

<b>CO1</b>	Remember: Recall the basic blocks for men's and women's wear.
<b>CO2</b>	Understand: Understand the importance of suitable trims in apparel.
<b>CO3</b>	Apply: Apply major and minor components in designing men's and women's wear.
<b>CO4</b>	Analyse: Analyse the process of creating basic blocks for both genders.
<b>CO5</b>	Create: Produce original designs for men's and women's wear.

**Mapping of Course Outcomes (COs) to Program Outcomes (POs) & Program Specific Outcomes:**

**Mapping with Programme Outcomes**

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3	PSO4
<b>CO1</b>	3	2	2	-	2	2	3	-	2	-	-	2	2	3	-
<b>CO2</b>	3	2	3	-	3	3	3	-	3	-	-	3	3	2	-
<b>CO3</b>	3	3	3	-	3	3	3	-	2	-	-	3	3	3	-
<b>CO4</b>	3	3	3	-	3	3	3	-	3	-	-	3	3	3	-
<b>CO5</b>	2	3	3	-	3	3	3	-	3	-	-	2	3	3	-

<b>Average</b>	2.8	2.6	2.8		2.8	2.8	3		2.6		2.6	2.8	2.8	
1= Weak Correlation    2= Moderate Correlation    3= Strong Correlation														
<b>Course Content:</b>														
<b>L (Hours/Week)</b>			<b>T (Hours/Week)</b>			<b>P (Hours/Week)</b>			<b>Total Hour/Week</b>					
0			0			8			8					
<b>Unit</b>	<b>Content</b>								<b>Competencies</b>					
<b>1</b>	<p><b>Preparation of women’s basic block</b> - Pattern set (bodice front, back, sleeve, skirt - front and back).</p> <p><b>Preparation of men’s basic block</b> - Pattern set (Shirt and trousers).</p> <p><b>Grading</b> of all the above patterns and development of spec sheet.</p> <p>Preparation of women's basic block patterns (bodice front, back, sleeve, skirt front, and back) and men's basic block patterns (shirt and trousers), followed by grading and development of spec sheets.</p>								<ul style="list-style-type: none"> <li>• Understand: Principles of drafting women's and men's basic block patterns. (C2)</li> <li>• Apply: Implementing pattern preparation techniques for bodice, sleeve, skirt, shirt, and trousers. (C3)</li> <li>• Analyze: Comparing and assessing graded patterns and spec sheets. (C4)</li> <li>• Evaluate: Assessing the accuracy and completeness of graded patterns. (C5)</li> <li>• Create: Developing detailed spec sheets for graded patterns. (C6)</li> </ul>					
<b>2</b>	<p>Major components - Introduction, definition, terms, application, classification and types, development of Samples</p> <p>Collars - Definition, terms, classification and types - Peter pan, sailor, turtle collar, shawl, formal shirt collar, mandarin collar and with its variations - construction.</p> <p>Yokes - Definitions, purpose, types - with fullness and without fullness, shapes – construction</p> <p>Minor components - Introduction, definition, terms, application, classification and types, development of Samples</p> <p>Pockets - Definitions, purpose, types - patch pockets, patch pockets with flap, seam pockets, welt pockets and variations.</p> <p>Cuff - Definitions, purpose, types – single, double and shaped cuff.</p> <p>Plackets - Definition, types - self placket, continuous bound placket, two piece sleeve placket and shirt placket.</p> <p>Neck line finishes - Definition, types - piping, facing (bias</p>								<ul style="list-style-type: none"> <li>• Understand: Definitions and types of collars, yokes, pockets, cuffs, plackets, and neckline finishes. (C2)</li> <li>• Apply: Constructing various types of collars, yokes, pockets, cuffs, plackets, and neckline finishes. (C3)</li> <li>• Analyze: Comparing different construction techniques for components. (C4)</li> <li>• Create: Developing samples demonstrating</li> </ul>					

	<p>facing, shaped facing) bias binding.</p> <ul style="list-style-type: none"> <li>• Introduction to major components: Collars (e.g., Peter pan, sailor, formal shirt collar), yokes (with and without fullness), and minor components: Pockets (patch, welt, seam), cuffs (single, double, shaped), and plackets (self, bound, two-piece).</li> </ul>	<p>construction techniques for each component. (C6)</p>
3	<p><b>Demonstration of Garment categories</b> - Silhouettes - variations, torso dress, princess line, panel, with waistline, without waist line garments.</p> <p><b>Trims</b>-Definition, types- Bias trimming, ricrac, ruffles, embroidery, smoking, faggoting, appliqué, lace, lace motifs, scallop edging, decorative fastenings. Development of Folio.</p>	<ul style="list-style-type: none"> <li>• Apply: Incorporating various trim techniques into garment construction. (C3)</li> <li>• Analyze: Evaluating the suitability of different trim types for specific garments. (C4)</li> <li>• Evaluate: Assessing the effectiveness of trim placement and design. (C5)</li> <li>• Create: Developing a folio showcasing garment categories and trim applications. (C6)</li> </ul>
4	<p>Incorporation of <b>Garment closures</b> on samples - Introduction, types - Hook and eye, press, buttons, shirt button and button holes, visible and concealed zippers, Velcro. Designing and construction of <b>women's Dress and skirts (circular, flared)</b> using major and minor components.</p> <ul style="list-style-type: none"> <li>• Demonstration of garment categories: Silhouettes and variations (torso dress, princess line, panel), along with trims (bias trimming, ricrac, embroidery) and garment embellishments (ruffles, smoking, appliqué).</li> <li>• Incorporation of garment closures: Hook and eye, press, buttons, buttonholes, visible and concealed zippers, Velcro, followed by designing and constructing women's dresses and skirts (circular, flared) using major and minor components.</li> </ul>	<ul style="list-style-type: none"> <li>• Apply: Integrating garment closures into garment construction. (C3)</li> <li>• Analyze: Evaluating the suitability of different closure types for specific garments. (C4)</li> <li>• Evaluate: Assessing the functionality and aesthetics of garment closures. (C5)</li> <li>• Create: Designing and constructing women's dresses and skirts using various components and closures. (C6)</li> </ul>

*Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.*

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	
Practical	60
Seminar/Journal Club	
Small group discussion (SGD)	15
Self-directed learning (SDL) / Tutorial	10
Problem Based Learning (PBL)	15
Case/Project Based Learning (CBL)	10
Revision	10
Others If any:	
Total Number of Contact Hours	120

**Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination**

Formative (60%)	Summative (40%)
Practical / Lab Proficiency (20 Marks)	University End Term Examination (40 Marks)
Viva-Voce / Quiz / Lab Test/ Internal Jury (10 Marks)	
Documentation & Reporting (10 Marks)	
Discipline Specific Practical / Lab Activities (20 Marks)	
Since the total marks of the external examination is 40, the examination will be conducted for 50 Marks and then bring down to 40	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Practical / Lab Proficiency	√	√	√	√	-
Viva-Voce / Quiz / Lab Test/ Internal Jury	√	√	√	√	√
Documentation & Reporting	√	√	√	√	-
Discipline Specific Practical / Lab Activities	√	√	√	√	√
University End Term Examination	√	√	√	√	√

<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Textbooks:</b>	
<ul style="list-style-type: none"> <li>• Elizabeth Liechty, Judith Rasband, Fitting and Pattern Alteration, Bloomsbury Academic USA, 2016.</li> <li>• Helen J Armstrong, Pattern Making for Fashion Design, Pearson, 5th edition, 2009.</li> <li>• Martin M Shoben, Patrick J Taylor, Grading for the Fashion Industry, LCFS Fashion Media, 2004.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reference Books:</b></li> </ul>	
<ul style="list-style-type: none"> <li>• Natalie Bray, Dress Fitting - Basic Principles and Practice, BSP Professional Book Publishers, 2nd edition, 1991.</li> <li>• Patric Taylor, Grading for the Fashion Industry, Stanley Thomas Ltd., 1990.</li> </ul>	

<b>Name of the Department</b>	Faculty of Fashion and Design
<b>Name of the Program</b>	B. Des. (Honours/ Honours with Research) Fashion Design
<b>Course Code</b>	15140205
<b>Course Title</b>	Fashion Material Exploration
<b>Academic Year</b>	I
<b>Semester</b>	II
<b>Number of Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Synopsis</b>	The "Fashion Material Exploration" course offers an immersive journey into the world of textiles and materials within the fashion industry. Through a blend of theoretical understanding and hands-on exploration, students embark on a dynamic exploration of the diverse range of materials used in fashion design. From traditional textiles to cutting-edge sustainable alternatives, the course delves into the characteristics, properties, and sourcing of various materials. With a focus on sustainability, students examine the environmental and social implications of different material choices, gaining insight into responsible material selection and procurement practices. Through practical exercises and experimentation, students develop the skills to innovate and create with a wide array of materials, pushing the boundaries of traditional fashion design. By the end of the course, students emerge with a deep understanding of materials' role in fashion and the ability to integrate sustainable material exploration into their design practices.
<b>Course Outcomes:</b> At the end of the course students will be able to:	
<b>CO1</b>	Remembering: Recall the characteristics and properties of various fashion materials, including natural fibers, synthetics, and sustainable alternatives.
<b>CO2</b>	Understanding: Explain the environmental and social implications of different material choices in the fashion industry.
<b>CO3</b>	Applying: Utilize knowledge of material properties to select appropriate fabrics for specific fashion design projects.
<b>CO4</b>	Analyzing: Evaluate the lifecycle of fashion materials, identifying opportunities for reducing environmental impact through material exploration.
<b>CO5</b>	Creating: Innovate and experiment with unconventional materials and techniques to develop sustainable and unique fashion designs.
<b>Mapping of Course Outcomes (COs) to Program Outcomes (POs) &amp; Program Specific Outcomes:</b>	
<b>Mapping with Programme Outcomes</b>	



Cos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PSO 1	PSO 2	PSO 3	PSO 4
CO1	-	3	2	3	3	-	3	-	2	-	3	2	2	-	3
CO2	-	2	3	3	2	-	3	-	3	-	2	3	3	-	3
CO3	-	3	3	3	3	-	3	-	2	-	3	3	3	-	3
CO4	-	3	3	3	3	-	3	-	3	-	2	3	3	-	3
CO5	-	3	2	3	3	-	3	-	3	-	3	3	3	-	3
Average		8	2.6	3	2.8		3		2.6		2.6	2.8	2.8		3

1= Weak Correlation    2= Moderate Correlation    3= Strong Correlation

### Course Content:

L (Hours/Week)	T (Hours/Week)	P (Hours/Week)	Total Hour/Week
0	0	4	4

Unit	Content	Competencies
1	<p>Introduction to Fashion Materials</p> <p>Overview of fashion materials: fibers, fabrics, and finishes.</p> <p>Exploration of natural fibers: cotton, wool, silk, and linen.</p> <p>Introduction to synthetic fibers: polyester, nylon, and acrylic.</p> <p>Understanding sustainable materials: organic cotton, bamboo, Tencel, and recycled fabrics.</p>	<ul style="list-style-type: none"> <li>Remembering: Recall characteristics of natural and synthetic fibers like cotton, wool, and polyester. (C1)</li> <li>Understanding: Explain differences between natural and synthetic fibers and their roles in fashion. (C2).</li> <li>Applying: Use fiber knowledge to select suitable materials for fashion projects. (C3)</li> </ul>
2	<p>Material Properties and Characteristics</p> <p>Analysis of material properties: texture, drape, durability, and breathability.</p> <p>Understanding fabric construction: weaves, knits, and non-wovens.</p> <p>Exploration of surface finishes and treatments: dyeing, printing, and embellishments.</p> <p>Case studies: examining how material properties influence garment design and functionality.</p>	<ul style="list-style-type: none"> <li>Remembering: Recall the key material properties such as texture, drape, durability, and breathability. (C1)</li> <li>Understanding: Understand the principles of fabric construction, including different weaving techniques, knits, and non-wovens. (C2)</li> </ul>
3	<p>Sustainable Material Exploration</p> <p>Overview of sustainability in fashion materials: environmental and social impacts.</p> <p>Sustainable material alternatives: hemp, organic wool, recycled polyester, and regenerated fibers.</p> <p>Sustainable sourcing and production practices: fair trade, eco-friendly dyeing, and closed-loop manufacturing.</p>	<ul style="list-style-type: none"> <li>Remembering: Recall environmental and social impacts of fashion materials. (C1)</li> <li>Understanding: Grasp the concept of sustainability in materials, including alternatives</li> </ul>

	Innovations in sustainable materials: bio-based materials, upcycling, and circular design principles.	<p>like hemp and recycled polyester. (C2)</p> <ul style="list-style-type: none"> <li>• Applying: Utilize sustainable sourcing and production practices such as fair trade and eco-friendly dyeing. (C3)</li> </ul>
<b>4</b>	<p><b>Material Innovation and Future Trends</b></p> <p>Emerging materials and technologies in fashion: smart textiles, 3D printing, and biodegradable materials.</p> <p>Trends in sustainable fashion materials: transparency, traceability, and certification schemes.</p> <p>Ethical considerations in material innovation: balancing innovation with environmental and social responsibility.</p> <p>Forecasting future material trends: anticipating shifts in consumer preferences and technological advancements.</p>	<ul style="list-style-type: none"> <li>• Remembering: Recall emerging materials like smart textiles and 3D printing. (C1)</li> <li>• Understanding: Grasp trends in sustainable fashion, including transparency and traceability. (C2)</li> <li>• Applying: Apply ethical considerations in material innovation. (C3)</li> <li>• Analyzing: Analyze future material trends by forecasting consumer preferences. (C4)</li> </ul>

*Note: The course plan included as an annexure has the details of each unit with the number of hours and mode of delivery and pedagogical approach.*

### Learning Strategies and Contact Hours

Learning Strategies	Contact Hours
Lecture	
Practical	40
Seminar/Journal Club	
Small group discussion (SGD)	
Self-directed learning (SDL) / Tutorial	5
Problem Based Learning (PBL)	5
Case/Project Based Learning (CBL)	5
Revision	5
Others If any:	
Total Number of Contact Hours	60

**Assessment Methods: Criteria rubrics and marks details are provided in Scheme of Examination**

Formative (60%)	Summative (40%)
Practical / Lab Proficiency (10 Marks)	University End Term Examination (20 Marks)
Viva-Voce / Quiz / Lab Test/ Internal Jury (5 Marks)	
Documentation & Reporting (5 Marks)	
Discipline Specific Practical / Lab Activities (10 Marks)	
Since the total marks of the external examination is 20, the examination will be conducted for 50 Marks and then bring down to 20	

### Mapping of Assessment with COs

Nature of Assessment	CO1	CO2	CO3	CO4	CO5
Practical / Lab Proficiency	√	√	√	√	-
Viva-Voce / Quiz / Lab Test/ Internal Jury	√	√	√	√	√
Documentation & Reporting	√	√	√	√	-
Discipline Specific Practical / Lab Activities	√	√	√	√	√
University End Term Examination	√	√	√	√	√

<b>Feedback Process</b>	1. Student's Feedback
<b>References:</b>	(List of reference books)
<b>Text Books:</b>	
<ul style="list-style-type: none"> <li>• The Fashion Intern by Michele M. Granger and Tina Sterling (2019)</li> <li>• The Fashion Designer's Textile Directory by Gail Baugh (2014)</li> <li>• Patternmaking for Fashion Design by Helen Joseph-Armstrong (2014)</li> <li>• Fashion Illustration: Inspiration and Technique by Anna Kiper (2011)</li> <li>• Fashion Design Course: Principles, Practice, and Techniques by Steven Faerm (2017)</li> </ul>	
<b>Reference Books:</b>	
<ul style="list-style-type: none"> <li>• Fashion Design: Process, Innovation, and Practice by Kathryn McKelvey and Janine Munslow (2013)</li> <li>• The End of Fashion: How Marketing Changed the Clothing Business Forever by Teri Agins (1999)</li> <li>• Fashion Brands: Branding Style from Armani to Zara by Mark Tungate (2012)</li> </ul>	