



SCHOOL OF ARCHITECTURE & DESIGN (SOAD)

Department of Fashion Design

**Syllabus For Bachelor of Design-Fashion Design
Undergraduate Course
2023-27**

Approved by

Academic Council

Board of Studies- June 16th, 2023.

PREFACE

K.R. Mangalam University envisions all its programmes in the best interest of their students. It imbibes an outcome based curriculum for all its programmes to provide a focused, student-centric syllabus with an agenda to structure the teaching-learning experiences in a more outcome based.

The outcome based curriculum strengthens students' experiences and prepare the students for both, academia and employability, sustainability and life-long learning.

Each programme reflects the promise to accomplish the learning outcomes by studying the courses. The graduate attributes encompass values related to well-being, emotional stability, critical thinking, social justice and also skills for entrepreneurship.

The redesigned curriculum focuses on the multi-disciplinary nature of the field of design with emphasis on core design subjects with skills to represent the process of design graphically. Another important part is the aspect of realizing the concept and graphical representation into a workable design. Students are exposed to research and hands on project-based education with active studio sessions. Visiting faculty and external examiners are professionals and academicians chosen from the field of design. Students develop their design with inputs from highly driven team of faculty members and working professionals.

The K.R. Mangalam University hopes that the outcome based curriculum will help students in realizing their careers as informed, sensitive and creative architects and designers.

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Salient features of this model curriculum are enumerated below:

1. Curriculum has been designed in such a way that it encourages innovation and research as total numbers of credits have been reduced and many new courses have been incorporated in consultation with industry experts.
2. The revised curriculum has been designed where the students can understand the industry requirements and have hands-on experience.
3. The students will develop a problem-solving approach and will meet the challenges of future.
4. Emphasis on hands-on training has been promoted by including two industrial training of 4 weeks and 8 weeks respectively in 2nd & 4th semester.
5. Bachelor of Art in Fashion Design will ensure the revision of the curriculum to help students to achieve better employability, start-ups, and other avenues for higher studies.

ACKNOWLEDGEMENT

Programme: Bachelor of Design-Fashion Design

Year/ Semester: 4 Years / 8 Semesters

Session: 2023-2027

We acknowledge by signing below that we have received and access to a copy of syllabus of the Bachelor of Art in Fashion Design Programme indicated above. We designed the Bachelor of Art in Fashion Design syllabus in Outcome Based Format and understand the programme specific outcomes of the Bachelor of Art in Fashion Design Programme. Furthermore, I acknowledge that the contents of the Bachelor of Art in Fashion Design syllabus have been explained and/or read to us. We understand the requirements concerning textbook(s), assignments, practicum, evaluation and how the final grades will be determined with respect to achieving Course Outcomes.

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Verified by:

Ms. Chandni Aggarwal _____
(Assistant Professor)

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Approved by:

Vice Chancellor

Pro- Vice chancellor

K.R. MANGALAM UNIVERSITY

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1. Introduction

The K.R. Mangalam Group has made a name for itself in the field of education. Over a period of time, the various educational entities of the group have converged into a fully functional corporate academy. Resources at KRM have been continuously upgraded to optimize opportunities for the students. Our students are groomed in a truly inter-disciplinary environment where in they develop integrative skills through interaction with students from engineering, social sciences, management and other study streams.

The K.R. Mangalam story goes back to the chain of schools that offered an alternative option of world-class education, pitching itself against the established elite schools, which had enjoyed a position of monopoly till then. Having blazed a new trail in school education the focus of the group was aimed at higher education. With the mushrooming of institutions of Higher Education in the National Capital Region, the university considered it very important that students take informed decisions and pursue career objectives in an institution, where the concept of education has evolved as a natural process.

K.R. Mangalam University is established under the Haryana Private University Act 2006, received the approval of Haryana Legislature vide Amendment Act # 36 of 2013 and consent of the Hon'ble Governor of Haryana on 11th April 2013, which was published in the Gazette notification vide Leg. No.10/2013, dated 3rd May 2013.

K. R. Mangalam University is unique because of it's

- i. Enduring legacy of providing education to high achievers who demonstrate leadership in diverse fields.
- ii. Protective and nurturing environment for teaching, research, creativity, scholarship, social and economic justice.

2. Objectives

- i. To impart undergraduate, post graduate and doctoral education in identified areas of higher education.
- ii. To undertake research programmes with industrial interface.
- iii. To integrate its growth with the global needs and expectations of the major stake holders through teaching, research, exchange & collaborative programmes with foreign, Indian Universities/Institutions and MNCs.
- iv. To act as a nodal center for transfer of technology to the industry.
- v. To provide job oriented professional education to the Indian student community with particular focus on Haryana.

3. School of Architecture & Design (SOAD) School of Architecture & Design offers

- a) Council of Architecture (COA) approved five years B.Arch Programme
- b) Bachelor of Interior Design (BID): 4 year programme,
- c) B.Sc. Hons. (Interior Design): 3 year programme,
- d) Bachelor of Design (B. Des.)Fashion Design : 4 year programme,
- e) B. A (Fashion Design): 3 year programme.

3.1. Department of Design

3.1.1 School Vision

The School aspires to become a leading Architecture and Design school by empowering the students with knowledge, confidence and skillset required to navigate their professional path as innovative, creative, socially responsible professionals contributing to nation building through ethical design practices grounded in sustainability and multidisciplinary awareness.

3.1.2 School Mission

- To establish a foundation for lifelong learning
- To apply current educational theories that see learning as a process wherein the learner constructs or builds new concepts, focusing on learner-centric education vs. teacher-centric education.
- To transform the role of teacher to that of facilitator, guide and mentor and not a transmitter of information

- Enhance employability and entrepreneurship through interdisciplinary curriculum and progressive pedagogy with latest technology to produce graduates capable of critically synthesizing architecture, engineering systems, social sciences and entrepreneurial skills.
- Developing active leadership skills as project leaders with understanding of various disciplines and collaboration with all stakeholders.
- To encourage diverse learning styles, acknowledging Kolb's Experiential Learning Theory, which suggests that learning is cyclical and moving through this continuum over time every learner discovers the learning style best suitable to the person.
- To enable students to learn to find meanings and connections by critical contemplation of available resources, strengthening the innate skills of reflection, evaluation, re-iteration and research.
- To empower learning by doing. The Design studio is considered both a course and a place of study at the heart of an academic environment fostering design thinking that is simultaneously analytical and creative.
- Develop ethical professional qualities among the students with understanding of environmental realities and context related design.

3.1.3 Aims of Bachelor Degree Programme

Realizing the potential of fashion industry and in line requirement of trained human resource the course of Bachelor of Art in Fashion Design is developed. The studies in Bachelor of Art in Fashion Design provides a wide array of Fashion and related areas that trains for designing Fashion with its various aspects. Students will gain fundamental skills and knowledge in Fashion Design and related Product development to create a sustainable, commercially viable yet an acceptable Fashion.

3.1.4 Graduate Attributes:

- Communication & Interpersonal
- Attitudes & Values
- Practical & Professional
- Critical Thinking & Research
- Creativity & Innovation

3.1.5 PROGRAMME OUTCOMES

PROGRAMME OUTCOMES (POs) for Department of Design

Programme: Students of all undergraduate Bachelor of Architecture, Bachelor of Interior Design, BSc. (Interior Design), Bachelor of Design (B. Des.) and B.A (Fashion Design) degree programmes at the time of graduation will have-

PO1. Design and Integration: Work collaboratively toward design resolution which integrates an understanding of the requirements, contextual and environmental connections, construction systems and services with responsible approach to environmental, historical and cultural conservation.

PO2. Drawing Work: Produce professional quality graphic presentations and technical drawings/documents.

PO3. Critical Analysis: Demonstrate critical thinking through a self-reflective process of conceptualization and design thinking that is open to consideration of alternative perspectives by analyzing, evaluating, and synthesizing ideas and information.

PO4. Employability and Interdisciplinary Approach: Students can work effectively in a multi-disciplinary team in the building and design industry.

PO5. Conduct: Work in a manner that is consistent with the accepted professional standards and ethical responsibilities. Conduct independent and directed research to gather information related to the problems in design and allied fields.

PO6. Communication and Teamwork: Apply visual and verbal communication skills at various stages of the design and delivery process. Also work as an integral member in collaboration with multi-disciplinary design and execution teams in the building and design industry.

PO7. Life-long learning: Thrive in a rigorous intellectual climate which promotes inquiry through observation and research and to show curiosity to learn about new developments in design.

3.3 SUSTAINABLE DEVELOPMENT GOALS:

3.3.1 Quality Education: Achieving inclusive and quality education for all the students is an important goal that is being achieved through extension activities related to the curriculum. Students of SOAD are doing collaborative work with neighbourhood communities through their workshop and projects.

3.3.2 Responsible Consumption and Production: Through courses like Sustainable Fashion and Environmental Studies, students are encouraged to think in terms of Reuse, Recycle, Reduce, and Upcycle according to the trends.

3.3.3 Reduced Inequalities: As there is a large disparity between socio-economic backgrounds that dictate the opportunities available to students for education, SOAD is involved in creating access for students through course like Craft Documentation where they work hand-in-hand with artisans of various states, villages and neighbouring communities.

3.3.4 Life on Land: To reduce the loss of natural habitat, forests and change in soil quality, students are taught environment sustainability, natural risk measures, resource management through the course namely, Environment Studies.

3.3.5 Partnerships for the Goals: SOAD with time collaborates with the local communities, vocational training centres and other organisations & universities for research purpose. The School has also inculcated SDG related targets through its curriculum and its practical execution.

3.4 NEP Implementation:

The importance of short term professional and vocational courses with exit options has been emphasized in the New Education Policy 2020. The programmes in Fashion Design have been prepared keeping in mind the flexibility for students in terms of multiple entry and exit options, compulsory internship to streamline their talent and creativity.

B. A. Fashion Design – 3 Years/ 6 Semester Programme

B. Des (Fashion Design) - 4 year/ 8 Semester Programme.

4. PROGRAMME OFFERED BY DEPARTMENT OF DESIGN

4.1 BACHELOR OF ART IN FASHION DESIGN (B.A. FD)

Realizing the potential of fashion industry and in line requirement of trained human resource the course of Bachelor of Art in Fashion Design is developed. The studies in Bachelor of Art in Fashion Design provides a wide array of Fashion and related areas that trains for designing Fashion with its various aspects. Students will gain fundamental skills and knowledge in Fashion Design and related Product development to create a sustainable, commercially viable yet an acceptable Fashion.

4.1.1 Eligibility Criteria

Only candidates who have the following credentials shall be eligible for admission Bachelor of Completed 10+2 or equivalent examination of central/State Govts in any stream.

4.1.2 Course Outline Art in Fashion Design programme.

Meaning of Fashion/Awareness of historical and contemporary Fashion/Fashion Rendering/Study of fashion elements such as Fabrics, accessories/Styles and technology/Flat and draped pattern development/Construction techniques/Fashion Research/Technical specification/ Range building/ Portfolio presentation.

4.1.3 Career Opportunities

Fashion designer, Stylist, Costume Designer, Illustrator, Fashion Entrepreneur, Retail Merchandiser and Visual Merchandiser.

4.1.4 Program Specific Outcomes - Bachelor of Arts In Fashion Design

PSO1. Applications of Concepts: Ability to apply fundamentals of design, textile science, fashion history and crafts, Apparel construction, fashion industry and software learning to understand, analyze and develop a range of design collection in the areas related to manual design, designing a range of collection, and a lot for efficient design of apparels & other related fashion merchandise.

PSO2. Innovation and Industry Friendly: Ability to apply appropriate design thinking process and modern design software tools for the developing the new range of designs. Understand contemporary issues of fashion industry, research

and thereby innovate original ideas and solutions, culminating into a modern, easy to use tool, by a larger section of the society with longevity and to engage in lifelong learning for the advancement of technology.

PSO3. Ethics and Communication Skills: Implementation of professional design and research solutions for the betterment of society keeping the environmental context in mind, be aware of professional ethics and be able to communicate effectively.

5. Class Timings

The classes will be held from Monday to Friday from 9:10 am to 4:00 pm.

6. Programme Duration

The minimum period required for Bachelor of Art in Fashion Design Programme offered by the University shall extend over a period of 3 Academic Years, i.e., 6 semesters. The Programme will be considered completed when the candidate has earned minimum courses and credits required by the Programme curriculum.

Duration: - 4Years (8 Semesters)

7. Syllabi

The syllabi of all courses for three years for Bachelor of Art in Fashion Design programme offered by SOAD is given in the following pages

For each course, the first line contains; Course Code, Title and Credits (C) of the course. This is followed by the course objectives & outcomes, catalogue description, syllabus (Unit I to IV), Text Book and Reference Books, course OBE mapping.

Programme scheme

Take a glance of three-years Bachelor of Art in Fashion Design Programme scheme

FOUR YEAR BACHELOR OF DESIGN- FASHION DESIGN COURSE AT A GLANCE

	Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI	Sem. VII	Sem. VIII	TOTAL
Courses	7	8	8	8	7	7	4	3	53
Credits	22	22	21	21	21	19	20	20	144

1 st SEMESTER									
Year	S.No.	Course Code	Course Title	L	T	S	P	C	
First	1	ADFD101	Fibre to Yarn Studies	4	-	-	-	4	
	2	ADFD103	Overview of Fashion Industry	4	-	-	-	4	
	3	ADFD151	Fundamental of Design	-	-	-	6	3	

	4	ADFD153	Basics of computer applications	0	2	0	4	4
	5	ADFD155	Basics of stitching	-	-	-	4	2
	6		AECC	3	-	-	-	3
	7		VAC	2	0	0	-	2
	TOTAL			13	2	-	14	22

2 nd Semester								
Year	S.No	Course Code	Course Title	L	T	S	P	C
First	1	ADFD102	History of Fashion	3	1	-	-	4
	2	ADFD104	Fabric Manufacturing	2	2	-	0	4
	3	ADFD152	Fashion Model Drawing	-	-	4	-	2
	4	ADFD154	Fashion Design Software -I Lab	-	-	-	4	2
	5	ADFD156	Surface Ornamentation	-	-	-	4	2
	6		Open Elective -I	3	0	0	-	3
	7		VAC	2	0	0	-	2
	8		AECC	3	-	-	-	3
	9							
			TOTAL	13	3	4	12	22

3 rd Semester								
Year	S.No.	Course Code	Course Title	L	T	S	P	C
Second	1	ADFD201	Textile Chemical Processing	2	-	-	4	4
	2	ADFD251	Sketching-I Lab	-	-	4	2	3
	3	ADFD253	Pattern Making-I Lab	-	-	-	4	2

	4	ADFD255	Garment Construction-I Lab	-	-	-	4	2
	5	ADFD257	Fashion Design Software -II Lab	-	-	-	4	2
	6		Open Elective -II	3	0	0	-	3
	7		AECC	3	-	-	-	3
	8		VAC	2	0	0	-	2
	9							
TOTAL				10	0	4	18	21

4th Semester									
Year	S.No.	Course Code	Course Title	L	T	S	P	C	
Second	1	ADFD202	Garment Manufacturing Technology	3	1	-	-	4	
	2	ADFD252	Sketching-II Lab	-	-	4	2	3	
	3	ADFD254	Pattern Making-II Lab	0	0	0	4	2	
	4	ADFD256	Garment Construction-II Lab	-	-	-	4	2	
	5	ADFD258	Fashion Design Software -III Lab	-	-	-	4	2	
	6	ADFD258	Traditional Indian Embroideries and Textile	-	-	-	4	2	
	7	ADFD262	Craft Documentation	0	-	-	4	2	
	8		Open Elective -III	3	-	-	-	3	
			VAC	2	-	-	-	2	
TOTAL				10	-	1	24	21	

5th Semester									
Year	S.No.	Course Code	Course Title	L	T	S	P	C	
THIRD	1	ADFD301	Fashion Retail & Visual Merchandising	3	1	-	-	4	
	2	ADFD351	Sketching-III Lab	-	-	4	2	3	
	3	ADFD353	Pattern Making -III Lab	-	-	-	4	2	
	4	ADFD355	Garment Construction-III Lab	-	-	-	4	2	
	5	ADFD357	Summer Training -I	2	-	-	-	2	

	6	ADFD359	Craft Design & Research Project	-	2	-	4	4
	7	ADFD361	Fashion Design Software	-	-	-	4	2
	8							
TOTAL				5	7	1	20	19

6 th Semester								
Year	S.No.	Course Code	Course Title	L	T	S	P	C
THIRD	1	ADFD302	Fashion Promotion & Communication	3	1	-	-	4
	2	ADFD304	Quality Control In Textile & Apparel	3	1	-	-	4
	3	ADFD306	Research Methodology	2	2	-	-	4
	4	ADFD352	Sketching-IV	-	-	4	2	3
	5	ADFD354	Pattern Grading	-	-	-	4	2
	6	ADFD356	Fashion Design Software	-	-	-	4	2
	7	ADFD358	Image Sylling and Photography	-	-	-	4	2
TOTAL				8	4	4	14	21

7 th Semester								
Year	S.No.	Course Code	Course Title	L	T	S	P	C
FOURTH	1	ADFD401	Dissertation Project	6	2	4	4	12
	2	ADFD403	Fashion Entrepreneurship Skills	3	1	-	-	4
	3	ADFD451	Summer Training -II	2	-	-	-	2
	4	ADFD453	Art of Draping	-	-	-	4	2
TOTAL				11	3	4	8	20

8 th Semester									
Year	S.No.	Course Code	Course Title	L	T	S	P	C	
FOURTH	1	ADFD452	Graduation Design Collection	-	4	4	8	10	
		ADFD454	Advance Garment Construction	-	-	4	8	6	
		ADFD465	Portfolio Development	-	-	4	-	4	
	TOTAL								
				0	4	12	16	20	

SYLLABUS 2023-2026

B. A FASHION DESIGN

SYLLABUS 2023-2027

BACHELOR OF DESIGN- FASHION DESIGN

SEMESTER-I

ADFD101	FIBRE TO YARN STUDIES	L	T	P	S	C
Version 1.0		4	-	-	-	4
Pre-requisites/Exposure	Basic knowledge of Textiles					
Co-requisites						

Course Objectives:

1. To impart knowledge about textile fibres in terms of their origin and properties.
2. To familiarise the students with the terminologies and concepts related to fibres spinning processes.

Course Outcomes:

On completion of this course, the students will be able to

- CO1. Classify the textile fibres based on length and origin
 CO2. State the difference between natural and man-made fibres
 CO3. Explain the importance and need of different blending techniques
 CO4. Describe basic and special yarn and its defects
 CO5. State the knowledge of Direct & Indirect yarn count and its importance.

Catalogue Description

This course will give the learner an opportunity to conceptualize the structure, property and end use of different types of yarns & fabrics and their correlations with garments. In this course the learner will understand the nature and property of different textile fibres, structural details of different types of yarns, their property and uses, especially for sewing threads, fabric structure details, different types of fabrics, their property and uses, fabric stitch ability, the influence of fabric on garment property.

Course Content**UNIT I****12 lecture hours**

Textile Terminologies, Fibre – Classification, Composition /Origin/ manufacture of Natural Fibre: Cotton, Wool, Skin etc. Composition /Origin/ manufacture of Manmade Fibre: Nylon, Polyester, PVC etc. Performance criteria of Fibre, Properties and characteristics of natural and manmade Fibre, Fibre blends.

UNIT II**8 hours lecture**

Yarns Formation: Spinning of natural fibre- Blow room, carding, combing, drawing, roving frame and ring frame. Spinning of Man-Made Fibres- Melt Spinning, Dry Spinning, Wet Spinning.

UNIT III**10 lecture hours**

Yarns Blends and composition and their spinning processes. Winding, Twist multiplier, TFO. Conditioning. Types of yarn and its properties. Packaging of yarns.

UNIT IV**10 lecture hours**

Count System: Indirect & Indirect Count, New English Count, Metric Count, Woollen Count, Worsted Count, Denier Count, Tex Count and Decitex Count.

Textbook:

1. Bernard P Corbman, Textiles: Fiber to Fabric, New Year Macgraw Hill 2009

Reference Books:

1. Sara J. Kadolph, "Textiles", 11th edition Pearson India 2014
2. Mary Humphries "fabric reference" 4th edition.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination
Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Classify the textile fibres based on length and origin	PO1
CO2	State the difference between natural and man-made fibres	PO3
CO3	Explain the importance and need of different blending techniques	PO6
CO4	Describe basic and special yarn and its defects	PO4
CO5	State the knowledge of Direct & Indirect yarn count and its importance.	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PS O1	PSO2	PSO3
ADFD101	Fibre To Yarn Studies	3		3	3		2	3	3		2

1=weakly mapped, 2= moderately mapped, 3=strongly mapped

ADFD103	INTRODUCTION TO FASHION INDUSTRY	L	T	P	S	C
Version 1.3		4	-	-	-	4
Pre-requisites/Exposure	Advance knowledge of Global and Indian Fashion Industry.					
Co-requisites						

Course Objectives:

1. To provide a wide-range exposure of the global fashion industry, structure and functioning of apparel industry.
2. To enable students to improve understanding of the apparel handling in the industry as per the current practices prevalent by apparel analysis.

Course Outcomes:

On completion of this course, the students will be able to

CO1. To aware students with fashion garment vocabulary & fashion terms: fashion, fad, classic etc.

CO2: To learn the types & structure of the global & Indian fashion industry.

CO3: Identify the fashion capitals in the world.

CO4. To learn fashion adoption theories, fashion life cycle & workflow in a garment manufacturing unit

CO5: To understand the fashion forecasting, importance, process & identify the role of forecaster in apparel design.

Catalogue Description

The course offers a comprehensive exposure on the structure and functioning of the Global Fashion Industry, enabling students to improve understanding of the Apparel handling (Fabric to Ready product) in the industry as per the current practices prevalent by Apparel Analysis. The course focuses on importance of supply chain practices and supply chain management tools in the Industry for efficient and effective working.

Course Content**UNIT I****12 lecture hours**

Fashion terms: Fashion, Fad, Classic, Haute-couture, Prêt-a-porter, Knockoff, Accessory, Toile, Atelier, Boutique, Avant Garde, Empire line, Season, Garment Vocabulary- T-shirt, trouser jodpuri pants, bell bottom, hauler neck, racer back, kimono, Reglan sleeve etc.

Overview of global & Indian fashion Industry types, structure, impact on economy. Major fashion centers of the world and their leading designers and brands- Paris, Milan, Tokyo, New York, London, India.

UNIT II**8 lecture hours**

Forecasting: Purpose of forecasting trends, how to use forecasting service, Factors influencing fashion trends. Fashion cycle, Consumer identification with fashion life cycle – fashion leaders, fashion followers, Fashion victims, Theories of Fashion adoption – trickle down, trickle up and trickle across, Factors favoring and retarding fashion, Men's, Women's & kids fashion categories in terms of style, size, price, Fashion promotion and communication channels Trade fairs, Fashion shows.

UNIT III**8 lecture hours**

Technical drawing in apparel, importance of technical drawing in fashion industry, how to prepare technical drawing, sections of technical pack- Garment Flats, Specifications, Spec sheet, Study of Spec sheet. How to disassemble Garments for Apparel Study, Break down of components of a Garment Parameters for apparels evaluation – Top+ Bottoms.

UNIT IV**12 lecture hours**

Organization structure of Buying Agency & Manufacturing units. Workflow of a Garment Manufacturing unit, departments and their functions. Merchandiser, types of merchandiser, Role of apparel merchandiser. Role of supply chain in garment industry, Tools & strategies used in fashion industry.

Textbook:

1. H.L (1965.) "The theory of Fashion ", John Wiley & Sons, Brockman,
2. Sr. Prof. BanhiJha, Mr. Prem Kumar Gera (2014) "Overview of Fashion Industry-I" first edition, published by: The Secretary, Central Board of Secondary Education.
3. Frings G. (1996). Fashion-From Concept to Consumer (5th Edition). USA: Prentice Hall Publications
4. Marshall S G, et al. (2009). Individuality in Clothing & Personal Appearance (6th Edition). USA: Pearson Education

Reference Books:

1. Jarnow J, Judelle B. (1987) Inside Fashion Business. New Jersey: Merill Prentice Hall.
2. Shorie G.P. (2007) Vastra Vigyan KeMool Siddhant. Agra: Vinod Pustak Mandir.
3. Stone E. (2008) The Dynamics of Fashion. New York: Fairchild Publication.
4. Verma P. (2003) Vastra Vigyan Evam Paridhan. Bhopal: Hindi Granth Academy.
5. Swinney, John B (1942) "Merchandising of Fashion ", Ronald press,
6. Solomon, Michael R (2012), "Consumer Behaviour in Fashion", Pearson
7. Dr.JanardhaJha (2006) Apparel Merchandising, Manipal University

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	To aware students with fashion garment vocabulary & fashion terms: fashion, fad, classic etc.	PO1
CO2	To learn the types & structure of the global & Indian fashion industry.	PO6
CO3	Identify the fashion capitals in the world.	PO7
CO4	To learn fashion adoption theories, fashion life cycle & workflow in a garment manufacturing unit	PO3
CO5	To understand the fashion forecasting, importance, process & identify the role of forecaster in apparel design.	PO5

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD103	Introduction to fashion industry	3		3		3	2	3	3		2

ADFD151	FUNDAMENTAL OF DESIGN	L	T	P	S	C
Version 1.0		-	-	-	6	3
Pre-requisites/Exposure	Principle of design and elements					
Co-requisites						

Course Objective:

1. To familiarize students with the design elements and principles and its application in fashion designing.
2. To induce an organized methodology in developing a successful collection / line of garments like color schemes, balance, line, texture etc.

Course Outcomes:

On completion of this course, the students will be able to

CO1: Through this course students will get familiar with basic elements & principles of design that are the essential components for creating new design.

CO2: This course will help to develop the concept of visualization, communication through the medium of flat sketch/drawing based on elements & principles of design.

CO3: Students will be able to use different mediums and tools that are required for communicating design idea or blueprint of design, thereby encouraging students to think, explore and create.

CO4: Elements of design provide a baseline for designing a unique apparel design in terms of structure, function, and aesthetic.

CO5: Student will learn how to create harmony in design.

Catalogue Description

This course will give detailed overview to the learner about understanding and usage of elements and principles of design for creating a good design as well as to develop visualization and communication idea. The course is an interesting mix of practical and theoretical projects that will encourage students to learn the concepts of visual merchandising in an interactive way. Student will familiarize with nature of fashion & fashion terminology, classification of fashion, origin of fashion in our society, factors that affect fashion, elements & principles of design like line, shape, form, Color, texture, emphases, rhythm, balance, harmony, proportion that are required in context of developing different tactic based design.

Course Content

UNIT I

10 lecture hours

Type of Design- structural and decorative, Elements of Design-Lines, Form, Shape, color, texture, etc., Principles of design-repetition, gradation, radiation, dominance, unity, harmony, contrast, Proportion, balance & rhythm- its importance in designing.

UNIT II

10 lecture hours

Functions of Lines, Silhouettes, Different types of lines & its characteristics, Use of line in clothing according to body shapes, Optical illusions created by various combinations of lines.

UNIT III

10 lecture hours

Color theory- Prang color system & Munsell, Color wheel- primary, secondary and tertiary, Color Dimensions-Hue, Value and Chroma, Tint, tone, shade, Color harmony- Related & contrasting color harmonies & its subdivisions, Application of color in clothing, Seasonal colors.

UNIT IV

10 lecture hours

Texture, Various types of texture, Fashion terminology: - fashion cycle, fad/classic, and factors affecting fashion etc. Apparel categories: - Garment vocabulary, Fashion capitals of the world: - New York, Paris, London, Milan, and Tokyo etc.

Textbook:

1. Sumathy, G. (2002) "Elements of Design and Apparel Design", New Age International Pvt. Ltd.
2. Abling, Bina "Fashion Sketchbook", 4th edition, Fairchild Publications.

Reference Books:

1. Gimsely, M.C. and Harriot, T. "Art and Fashion in Clothing Selection", Nova State University Press, New York.
2. Mckelvey, Kathryn & Janin, "Fashion Design -Process, Innovation & Practice", Blackwell [Publishers](#).

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Through this course students will get familiar with basic elements & principles of design that are the essential components for creating new design.	PO1
CO2	This course will help to develop the concept of visualization, communication through the medium of flat sketch/drawing based on elements & principles of design.	PO2
CO3	Students will able to use different mediums and tools that are required for communicating design idea or blueprint of design, there by encouraging students to think, explore and create.	PO3
CO4	Elements of design provide a baseline for designing a unique apparel design in terms of structure, function, and aesthetic	PO5
CO5	Student will learn how to create harmony in design.	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO 1	PSO2	PSO3
ADFD151	Fundamental Of Design	3	3	3		3		3	3	2	

1=weakly mapped, 2= moderately mapped,3=strongly mapped

ADFD153	BASICS OF COMPUTER APPLICATIONS	L	T	P	S	C
Version 1.0		0	2	0	4	4
Pre-requisites/Exposure	Basic Knowledge of Microsoft Office					
Co-requisites						

Course Objectives:

1. To impart knowledge about basics of computers
2. To familiarise the students with the terminologies and concepts related to computers.

Course Outcomes:

On completion of this course, the students will be able to

CO1. Understanding the concepts of space and fonts

CO2. Summarize the concept of design that captures the attention

CO3. Grasp the concept of design visually

CO4. Enabling the design forecasting for valuable information

CO5. State the knowledge of these applications are beneficial for the better learning on industry level.

Catalogue Description

This course will give the learner an opportunity to conceptualize the structure, property and end use of different types of computer applications and their correlations with industry. In this course they will understand the concept of making portfolio on industry level.

Course Content

Unit-I	12 Lecture
Gaining skills on internet research and navigate between off the shelf programs related to the basics of computers based on fashion design topics coordinating to other faculties subjects: Professional research overview based on the topics given-PPT, MS word	
Unit-II	10 Lecture
Custom colour pallet-PPT Generating tables and Graphs- PPT	
Unit-III	8 Lecture
Semiotics - PPT Brand research - PPT	
Unit-IV	10 Lecture
Report of the allotted topic – MS word Basics of spec sheet – MS excel	

NOTE: This is overview of all the MS office software's in one. Understanding basic knowledge of the tools in these applications.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Understanding the overview of making a PPT, MS word	PO1
CO2	To understand overview of understanding spaces and objects	PO1
CO3	Demonstrate advance proficiency in tools	PO4
CO4	Enabling the design forecasting for valuable information	PO2
CO5	State the knowledge of these applications are beneficial for the better learning on industry level.	PO5

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD153	BASICS OF COMPUTER APPLICATIONS	3	2	3	3	3	2	2	2	3	2

ADFD155	Basics of Stitching	L	T	P	S	C
Version 1.4		-	-	-	4	2
Pre-requisites/Exposure	Understanding basics of computer					
Co-requisites						

Course Objectives:

To acquire knowledge of SNLS (single needle lock stitch) machine and its operation
 To learn various kind of collars, sleeves, Pockets
 Apply basic garment construction skill in process of design realization.

Course Outcomes:

On completion of this course, the students will be able to

CO1: Through this course student will able to develop Stitches sample

CO2: Students will able to an understanding of different types of fabrics

CO3: Learn various kind of collars, sleeves, Pockets

CO4: Explain the methods of construction of components such as Seams, tucks, pleats, gathers, plackets, pockets, hemlines, necklines, cuffs etc.

CO5: They will learn how to manipulate basic patterns for creating new designs.

Catalogue Description

The Basic Stitching Techniques course is designed for beginners who are interested in learning the fundamental skills of stitching. This course provides a comprehensive introduction to various stitching techniques, tools, and materials used in basic sewing. Participants will gain hands-on experience and develop the necessary skills to confidently create simples.

Course Content

Unit-1

10-Lecture

Importance of stitching skills, Various types of stitches and their applications

Tools and materials used in stitching, Hand Sewing Techniques-Types of hand stitches (running stitch, backstitch, whip stitch, slip stitch, etc.)

Introduction to a sewing machine and its parts, threading the sewing machine, Understanding stitch types and settings

Basic machine stitches (straight stitch, zigzag stitch, etc.)

Unit-II

10-Lecture

Fabric Selection and Preparation, Understanding different types of fabrics and their properties, Fabric marking technique, Preparing fabric for stitching (washing, ironing, etc.)Fabric layout and cutting basics Sewing Seams - (Plain, French, Mock French, Flat Fell)Seam Finishes (Pinked, Overclock, Bias-Bound, Turn& Stitch, and Hong Kong Bound.), Hem Finishes. Circular lines and Angular lines and corner finishes.

Unit-III

12-Lecture

Types of Placket

Types of Pockets

Types of Cuffs,

Types of Collar

Unit-IV

8-Lecture

Types of Tucks

Types of Necklines

Types of Pleats

Waist Finishes Waistband (Elasticized or Drawstring), Facing, Opening Fasteners.

Final Submission -Create 2 Product using above elements

REFERENCE BOOKS:

Alison Smith MBE ,The Sewing Book New Edition: Over 300 Step-by-Step Techniques 2018 (Author)

Milva Fiorella Di Lorenzo. UK November 2009/US September 2009. Tailoring Technique's for Fashion. Fairchild Books

Zoya Nudelman. UK August 2009/US June 2009. The Art of Couture Sewing. Fairchild Books.

Annette Fischer. UK November 2008/US December 2008. Basic Fashion Design 03-Construction. Ava Publishing

Pamella Powell. UK September 2010/US July2010. Tailored Fashion Design. Fairchild Books.

Amaden-Crawford, Crawford. UK September 2014. Fashion Sewing- Introductory Technique's. Fairchild Books.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination

Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Through this course student will able to develop Stitches sample	PO1,PO4
CO2	Students will able to an understanding of different types of fabrics	PO3
CO3	Learn various kind of collars, sleeves, Pockets	PO4
CO4	Explain the methods of construction of components such as Seams, tucks, pleats, gathers, plackets, pockets, hemlines, necklines, cuffs etc.	PO1,PO2,PO4
CO5	They will learn how to manipulate basic patterns for creating new designs	PO5,PO6,PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD153	Basics of stitching	3	2	3	3	3	2	2	2	3	2

1=weakly mapped, 2= moderately mapped, 3=strongly mapped

SEMESTER- II

ADFD102	HISTORY OF FASHION	L	T	P	S	C
Version 1.3		3	1	-	-	4
Pre-requisites/Exposure	Knowledge of evolution of the Indian and western clothing					
Co-requisites						

Course Objectives:

1. To acquire the knowledge about the understanding and appreciation of the evolution of the Indian and western clothing at the cradle of the civilization, prehistoric times through the classical eras to the middle ages and in the most recent times.
2. To develop an understanding of Indian and western costumes which acts as a vital piece of material that helps to understand what has happened in the past and how it affects our present.

Course Outcomes:

On completion of this course, the students will be able to

CO1. This course helps the student to see fashion design through the prism of history.

CO2: Students will understand traditional clothing styles of various countries.

CO3: Student will acquire knowledge of Ancient Egypt, Ancient Greek, Ancient Rome, and Renaissance.

CO4: Through this course student will understand the evolution, changes and developments in clothing in the Indian context as well as in British era.

CO5: Understand to create a wardrobe that represents a certain character trait. Sometimes they will be called to replicate the clothing of a historical period. Other times, they might find themselves imagining how to dress characters in the future, or in a fantasy land.

Catalogue Description

This course is all about history of fashion, costumes, makeup, footwear's that were worn in different era of Indian dynasties like: Pre-Historic Era, Vedic Period, Mauryan, Sunga Period etc and different era of British era like: Ancient Egypt, Ancient Greek, Ancient Rome, and Renaissance. Through this course student will understand the evolution, changes, and developments in clothing in the Indian context as well as in British era.

Course Content

UNIT I

12 lecture

History of Indian Costume I: Pre Historic Era, Vedic Period, Maurya and Sunga Period, Satvana period.

UNIT II

8 lecture

History of Indian Costume II: Kushan period, Gupta period, Mughal, British.

UNIT III

10 lecture

History of Western Costumes I: Ancient Egypt, Ancient Greek, Ancient Rome, Renaissance.

UNIT IV

10 lecture

History of Western Costumes II: History of fashion from 18th, 19th and 20th century

Textbook:

1. Bhatnagar, Dr.Parul. (2004) "Traditional Indian Costumes and Textiles", Abhishek Publication, Chandigarh.
2. Haver, James. "Costumes & fashion, a concise history" 4th edition.

Reference Books:

1. Alkazi, Roshen. (2008) "Ancient Indian Costumes Vol. I and II", Art Heritage.
2. Bhandari, Dr. Vandana. (2005) "Costume, Textiles and Jewellery of India: Traditions in Rajasthan", Mercury Books, London.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs

	Course Outcomes (COs)	Mapped Program Outcomes
CO1	This course helps the student to see fashion design through the prism of history.	PO1
CO2	Students will understand traditional clothing styles of various countries.	PO1,PO7
CO3	Student will acquire knowledge of Ancient Egypt, Ancient Greek, Ancient Rome, and Renaissance.	PO1
CO4	Through this course student will understand the evolution, changes and developments in clothing in the Indian context as well as in British era.	PO4
CO5	Understand to create a wardrobe that represents a certain character trait. Sometimes they'll be called to replicate the clothing of a historical period. Other times, they might find themselves imagining how to dress characters in the future, or in a fantasy land.	PO5

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD102	History of fashion	3			3	3		3	3		2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD104	FABRIC MANUFACTURING	L	T	P	S	C
Version 1.0		2	2	-	0	4
Pre-requisites/Exposure	Basic of fabric construction process					
Co-requisites						

Course Objectives:

1. To impart knowledge about various fabric construction techniques.
2. To familiarize the fabric properties and various fabric finishes to enable better design skills.
3. To aid the fabric choice as per the design, budget and client.

Course Outcomes:

On completion of this course, the students will be able to

CO1. Identify different parts of a loom and state their functions.

CO2. Explain the general properties of woven & knitted fabrics.

CO3. Compare and identify the different types of simple & fancy weaves.

CO4. Describe the basic & special fabric finishes.

CO5. Explain the concept of terminology of weave such as EPI, PPI and GSM.

Catalogue Description

The course offers students with full-fledged technical know-how of woven and knitted, non-woven textiles focusing on different techniques of weaving and knitting to create various textile surfaces and fabrics. Students will be given a sound understanding on various areas of weaving and knitting, including a detailed learning of various terminology used for weaving & knitting, technical know-how of the machinery, formation of fabrics/surfaces using various types of weaves for woven and different loop formations for knitting.

Course Content**UNIT I****10 lecture**

Introduction to methods of fabric construction: weaving, knitting, felting, non-woven, laces, braids and nets -their properties.

UNIT II**12 lecture**

Weaving: Basic parts of a loom and their functions. Overview of conventional & non-conventional looms and their working. Knitting: General properties of knitted fabrics, basic weft and warp knitted structure.

UNIT III**10 lecture**

Representation of weaves structures. Basic Weaves and variation - Plain, Twill, Satin. Fancy Weaves – Dobby, Jacquard, Pile, Leno and surface figure. Characteristics & Properties of various weaves.

UNIT IV**8 lecture**

Terminology on weave: like - EPI, PPI, and GSM/oz calculation. Blends: Reasons for blending properties, common blends available in Market. Common fabric Defects. Textile finishes-Introduction, significance and classifications.

Text Books:

1. N. Gokarneshan , “Fabric Structure & Design”, New Age International Limited Publishers

Reference Books:

1. Watson's Textile Design & Colour by Z.J. Grosicki published by Woodhead Publishing Limited
2. David J Spencer , “Knitting Technology”, PERGAMON Press.
3. Stephen J. Russell , “Handbook of Non Wovens”, CRC Press,2007
4. Hannelore Elberle,"Clothing Technology",Verlag Europa Lehrmitte
5. B. K. Behera and P. K. Hari , “Woven textile structure – theory and applications”, Woodhead, UK, 2009

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs	
Course Outcomes (COs)	Mapped Program Outcomes

CO1	Identify different parts of a loom and state their functions.	PO1
CO2	Explain the general properties of woven & knitted fabrics.	PO4,PO7
CO3	Compare and identify the different types of simple & fancy weaves.	PO6
CO4	Describe the basic & special fabric finishes.	PO4,PO7
CO5	Explain the concept of terminology of weave such as EPI, PPI and GSM.	PO1

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD104	Fabric Manufacturing	3			3		3	3	3	2	2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD152	FASHION MODEL DRAWING LAB	L	T	P	S	C
Version 1.4		-	-	4	-	2
Pre-requisites/Exposure	Basic of human body drawing					
Co-requisites						

Course Objective:

1. To understand the importance of anatomical studies as the basis of fashion model drawing.
2. To prepare professional in terms of fashion model drawing.

Course Outcomes:

On completion of this course, the students will be able to

CO1: Understand the various shading techniques to represent the highlights & shadow.

CO2: The study of this course will help students to develop the concept of visualization and communication through the medium of flat sketch/drawing.

CO3: Acquire the skills of stick figures to communicate various body pose.

CO4: Students will able to use different mediums and tools that are required for communicating design idea, there by encouraging students to think, explore and create.

CO5: Students will able to develop flash figure with the help of block figure.

Catalogue Description

In this course the student will be familiarized with fundamental structure of a human body by beginning with figure drawing, emphasizing anatomical details. Basic line & shading exercise, Stick figures & different body actions, basic female block figure, flashing figures that are required in context of developing different view of a fashion model figure poses.

Course Content

List of Experiments

Unit-I

12 Lecture

Basic line & shading exercise- Lines & Shading exercises using various pencil & color mediums, Such as, Grade pencils, Color pencils, Poster color/ watercolor, Charcoal.

Stick figures & different body actions. Developing blocks for block figure.

Unit-II

10 Lecture

8 head, 10 head, 12 head figures, the fashion face, arms, legs, Hands and feet. Poses: Front, $\frac{3}{4}$, side & back block figure.

Flashing figure - Front, $\frac{3}{4}$, side & back.

Unit-III

10 Lecture

Illustrating male figure and children, Figure analysis, body types, designing for diverse body types –

Face block. Fashion frontal face-eyes, ears, nose, mouth & head.

Unit-IV

8 Lecture

Fashion Figure, study of various proportions, the balance line in drawing figures, gestures and movements.

Reference Books:

1. Hagen, K. (2005). "Fashion Illustration for Designers" NJ: Pearson Prentice Hall.
2. Fernandez, Angel and Roig, Gabriel Martin (2009) "Drawing for Fashion Designers", Batsford.
3. Nunnally, Carol A. (2009) "Fashion Illustration School, A Complete Handbook for Aspiring Designers and Illustrators", Thames & Hudson.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Understand the various shading techniques to represent the highlights & shadow.	PO2

CO2	The study of this course will help students to develop the concept of visualization and communication through the medium of flat sketch/drawing.	PO3
CO3	Acquire the skills of stick figures to communicate various body pose.	PO6
CO4	Students will able to use different mediums and tools that are required for communicating design idea, there by encouraging students to think, explore and create.	P05
CO5	Students will able to develop flash figure with the help of block figure.	P07

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD152	Fashion Model Drawing Lab		3	3		3	3	3	3		3

1=weakly mapped, 2= moderately mapped, 3=strongly mapped

ADFD154	FASHION DESIGN SOFTWARE -I LAB	L	T	P	S	C
Version 1.0		-	-	-	4	2
Pre-requisites/Exposure	Basic knowledge of Photoshop software.					
Co-requisites						

Course Objective:

1. To familiarize students with Photoshop which give a fundamental knowledge about graphical logics in computer such as photo editing, vector images, portfolio setting, applied art and advertisement.
2. Photoshop Basics will help in improving or editing photos and preparing images for design projects.

Course Outcomes:

On completion of this course, the students will be able to

CO1. Photoshop helps to keep the creative world moving with intuitive tools and easy to use templates.

CO2. Student will acquire knowledge of various tools like adjust, crop, remove objects, retouch and repair old photos.

CO3. Through this course student will play with color, effects and more to create boards, artwork with the help of CAD.

CO4. Students will enable to generate unique designs, pattern.

CO5. Student will familiarize with photo editing, bitmap images, portfolio setting.

Catalogue Description

Photoshop is photo editing and graphic design software. Photoshop is the predominant photo editing and manipulation software on the market. Designer use Photoshop for different purpose such like photo editing, graphics designing, 3d designing, video editing. Students are going to cover some most common features like workspace, layers, smart objects, blend modes, selections techniques, filters and much more necessary features that every designer uses to work on Photoshop.

List of Experiments**Unit-I**

10 Lecture

Learning the Internet-Internet & its scope, connecting to internet, Opening an Email account, sending & receiving Em

Draw and manipulate custom raster/vector shapes using the Pen tool and shape tools.

Sharpen, blur, and vignette images using customizable and editable Smart Filters.

Apply professional-quality typography in Photoshop, considering leading, kerning, tracking, baseline shift, and ligatures.

Unit-II

10 Lecture

Handle type creatively by applying textures to text, pushing photographs through text and other shapes, and hiding portions of text.

Combine multiple photographs using gradient masks, blending sliders, and displacement maps.

Utilize blend modes, gradients, and the Refine Edge dialog to combine images seamlessly.

Unit-III

10 Lecture

Retouch and alter photographs non-destructively, using dodging and burning, adjustment layers.

Create attractive gray scale, partial grayscale, and duotone images.

Use Swatches panel, and Color Libraries to effectively select and manage colour schemes. .

Unit-IV

10 Lecture

Create custom brushes, use the Mixer Brush for freehand painting in Photoshop, and turn images into paintings.

Introduction of creating banner, invite and artwork for specific occasions.

Introduction of creating print artwork for textile like block print, tie-dye, stripes, checks etc.

Additional references

1. Fulkner, Andrew & Chaez, Conrad. (2015) "Classroom in a book"
2. <https://helpx.adobe.com/in/photoshop/how-to/ps-basics-fundamentals.html>
3. <https://we.graphics/blog/photoshop-quick-tip-turn-any-photo-in-a-screen-printed-graphic/>
4. <https://www.lifewire.com/use-a-pattern-fill-in-photoshop-1700226>

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)**Mapping between COs and POs**

	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Photoshop helps to keep the creative world moving with intuitive tools and easy to use templates.	PO1
CO2	Student will acquire knowledge of various tools like adjust, crop, remove objects, retouch and repair old photos.	PO2
CO3	Through this course student will play with color, effects and more to create boards, artwork with the help of CAD.	PO3
CO4	Students will enable to generate unique designs, pattern.	PO4
CO5	Student will familiarize with photo editing, bitmap images, portfolio setting.	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD154	Fashion Design Software -I Lab	3	3	3	3			3	3	3	2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD156		L	T	P	S	C
	Surface Ornamentation					
Version 1.0		-	-	-	4	2
Pre-requisites/Exposure	Basic of surface ornamentation					
Co-requisites						

Course Objective:

- To create an understanding of the various traditional Indian needle & dye crafts. Be able to develop skills to enhance the aesthetic value of any fabric through ornamentation.
- To learn the surface ornamentation techniques.

- Enhance the creative skills in developing new concepts through visualization and idealization to replicate an inspiration.

Course Learning Outcomes:

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

CO1: Students will get complete knowledge of embroidery & dye crafts of India.

CO2: Identify various types of materials different methods of surface ornamentation.

CO3: Identify various types of dyes used for dyeing and printing of fabrics.

CO4: Able to develop new motifs design based on traditional embroidery & dye craft.

CO5: Understand the scope for design intervention and innovation in using these techniques for creative and contemporary product development

Catalogue Description

Through this course student will the rich heritage of Indian needle & dye based craft. They will theoretical & practical knowledge about the various regions wise popular needle & dye craft. This will enhance their knowledge about the heritage of Indian textile craft, that will encourage students to use Indian textile based apparels and other home textiles products in their daily life to encourage & support Indian textile artisans.

Course Content

Unit-I	10-Lecture
Introduction of embroideries-Hand embroidery & Machine embroidery	
Tools and equipment used in embroidery	
Introduction of Indian needle craft, Classification of needle craft as per region.	
Basic understanding of embroidery stitch like- running stitch, chain stitch, blanket stitch etc.	
Prepare sample for each basic embroidery stitch like- Basting, Back stitch, Running stitch, chain stitch, blanket stitch, fly & father stitch, satin stitch, bullion stitch, French not.	
Submission: Creative Embroidary Samples	
Unit-II	10-Lecture
Introduction of Applique	
Introduction of Quilting	
Introduction of Crochet	
Introduction of Bead Embroidery	
Submission: Creative Applique,Quilting Crochet Samples	
Unit-III	10-Lecture
Painting and Drawing Techniques:	
Acrylics, watercolors, and mixed media	
Stenciling and spraying	
Submission: Creative painting on fabric Samples	
Unit-IV	10-Lecture
Fabric Manipulation -Gathers, Shirring,Ruffle,Flounce	
Develop a products using various above techniques	
Submission: Creative Manipulation on fabric Samples	

Reference Books:

Sally Harding(2010)The Needlecraft Book

Singer Margo, 2007, Textile Surface Decoration- Silk & Velvet, A & B Black Ltd.

Pepin Press, (1999), Indian Textile Prints with CD , PAP/Cdr edition.

Colette Wolff, (1996), The Art of Manipulating Fabric

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Students will get complete knowledge of embroidery & dye crafts of India.	PO1,PO3
CO2	Identify various types of materials different methods of surface ornamentation.	PO3
CO3	Identify various types of dyes used for dyeing and printing of fabrics.	PO7
CO4	Able to develop new motifs design based on traditional embroidery & dye craft.	PO5,PO2
CO5	Understand the scope for design intervention and innovation in using these techniques for creative and contemporary product development	PO4,PO3

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD156	Surface Ornamentation	3		3	3	3		3	3	3	2

1=weakly mapped, 2= moderately mapped, 3=strongly mapped

**OPEN ELECTIVE-I
SEMESTER-II**

	Fashion Design & Development	L	T	P	S	C
Version 1.0		3	0	0	0	3
Pre-requisites/Exposure	Basic of fashion design					
Co-requisites						

Course Objectives:

1. To create an understanding of the concepts and terminologies related to fashion design as well as the theories and functions of clothing, and the elements and principles of design.
2. To impart the knowledge about Indian and international fashion industry as well as the roles and responsibilities of designers and the process of fashion forecasting.

Course Learning Outcomes:

On completion of this course, the students will be able to

CO1: Learn basic fashion related terminologies like fashion cycle curve, fashion consumer.

CO2: To understand fashion categories in terms of style, size and price

CO3: To Illustrate and explain a fashion cycle curve.

CO4: Fashion capitals of the world, classify the various sources of design inspirations

CO5: Style reading and analyze the garments in terms of elements and principles of design

Catalogue Description

This course will give the learner a brief introduction about fashion industry like classification of fashion, what kind of terminologies, elements, principles & techniques are used there for apparel designing. Through this course student get an idea how to communicate their design ideas by using the sketching of their designs.

Course Content**UNIT I****15 lecture hours**

Fashion terms: Fashion, Fad, Classic, Trend, Haute-couture, Prêt-a-porter, Knockoff, accessories, toile, boutique, etc. Introduction of Principal & elements of fashion design. Fashion centers and their leading designers and brands: Paris, Milan, London, Tokyo, New York, India.

UNIT II**15 lecture hours**

Fashion cycle, Consumer identification with fashion life cycle – fashion leaders/ followers/ victims. Men & women body shape analysis, colour test analysis.

List of experiments

1. Analysis of elements of design
2. Analysis of principles of design
3. Case study of any one Fashion designer
4. Analysis of Men & women body shape
5. Analysis of skin color

Text Books:

1. Fringes G.S. (1999). Fashion from Concept to Consumer (6th edition) New Jersey: Prentice Hall.
2. Marshall S G, et al. (2009). Individuality in Clothing & Personal Appearance (6th Edition). USA: Pearson Education.
3. Stamper A.A. Et al., (1991). Evaluating Apparel Quality (2nd Edition). New York:Fairchild Publications.

Reference Books:

1. Brown P., Rice J. (1998). Ready to Wear Apparel Analysis. New Jersey: Prentice Hall. Jarnow, J. Dickerson G. (1987). Inside the Fashion Business. New Jersey: Prentice Hall.
2. Mc. Kelvey, K., Muslow, J. (2008). Fashion Forecasting. New Jersey: Wiley Blackwell
3. Tate, S.L. and Edwards, M.S. (2006). The Complete Book of Fashion Design. New York:Pearson Education.
4. Verma G. (2018). Fashion Technology. New Delhi: Asian Publishers.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Learn basic fashion related terminologies like fashion cycle curve, fashion consumer.	PO1
CO2	To understand fashion categories in terms of style, size and price	PO7
CO3	To Illustrate and explain a fashion cycle curve.	PO2
CO4	Fashion capitals of the world, classify the various sources of design inspirations	PO3
CO5	Style reading and analyse the garments in terms of elements and principles of design	PO5

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
	Fashion Design & Development	3	3	3		2		2	3		2

1=weakly mapped, 2= moderately mapped, 3=strongly mapped

Semester-III

ADFD201	Textile Chemical Processing	L	T	P	S	C
Version 1.2		2	0	4	0	4
Pre-requisites/Exposure	Technical Knowledge of Textile Dyeing & printing					
Co-requisites						

Course Objectives:

- To provide comprehensive knowledge about the concepts of dyeing and printing of textiles.
- To create an understanding of the various traditional Indian dyed and printed textile.

Course Outcomes:

On completion of this course, the students will be able to

CO1. Describe the steps involved in preparing fabrics for dyeing and printing.

CO2: State the difference between natural and synthetic dyes.

CO3: Explain the importance of testing colour fastness of dyes.

CO4: Differentiate between and explain the styles and methods of printing.

CO5: Make use of tie and dye, Block printing and batik for dyeing and printing.

Catalogue Description

The course imparts knowledge to students on fabric formation, its properties and classification on fabric formation and machines used in the industry for the same. Understanding the term textiles in context of weaving and knitting, developing skills to visualize, create and develop textile surfaces.

Course Content**UNIT I****12 lecture**

Introduction and flow chart of Pre-treatment Wet Processing: singeing, desizing, scouring, bleaching, mercerizing, Overview of wet processes machineries.

UNIT II**15 lecture**

Introduction to natural and Synthetic dyes. Dyeing of cotton material with direct dye, vat dye, Sulphur dye, azoic dye. Dyeing of silk/ wool material with acid dye, basic dye. Dyeing of synthetic textile material. Dyeing machines- Fibre, Yarn, Fabric. Color fastness: Factor effecting color fastness - Wash, Rubbing, Light fastness and their evaluation.

Dye Based Experiments –

Sample preparation based on direct dye on cotton fabric, vat dye, acid dye, basic dye on cotton, silk,

UNIT III**10 lecture**

Dyeing vs. Printing. Concept of Printing, Styles of printing: Direct, Resist, Discharge-tie and Dye, Batik, Mud Resist. Introduction to printing techniques and methods.

UNIT IV**15 lecture**

Methods of printing – Block, Roller, Screen, Rotary screen, Heat Transfer, Digital, Flock, Common dyeing and printing defects.

Printing Based Experiments –

- Sample preparation based on Block, Roller, Screen, Rotary screen printing techniques.

Textbook:

1. Sara J.Kadolph, "TEXTILES", Pearson.

Reference Books:

1. Howard C Needles, "Textile Fibres, Dyes, Finishes & Process", Noyes Publications.
2. E.P.G Gohl & L.D.Vilensky, "Textile Science", CBS Publishers & Distributors

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs					
	<table border="1"> <thead> <tr> <th>Course Outcomes (COs)</th> <th>Mapped Program Outcomes</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Course Outcomes (COs)	Mapped Program Outcomes		
Course Outcomes (COs)	Mapped Program Outcomes				

CO1	Describe the steps involved in preparing fabrics for dyeing and printing.	PO1
CO2	State the difference between natural and synthetic dyes.	PO3
CO3	Explain the importance of testing colour fastness of dyes.	PO5
CO4	Differentiate between and explain the styles and methods of printing.	PO7
CO5	Make use of tie and dye, Block printing and batik for dyeing and printing.	PO4

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD201	Textile Chemical Processing	2		3	3	2		3	3	2	2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD251	SKETCHING-I LAB	L	T	P	S	C
Version 1.4		0	0	2	4	3
Pre-requisites/Exposure	Knowledge of Fashion drawing techniques					
Co-requisites						

Course Objectives:

1. Student will gain the knowledge of drawing the technicalities & details of various Fashion elements with the correct Terminologies.
2. This subject will also provide the skills to draw different hair styles with a practice of Facial details like eyes, lips, ears etc.

Course Outcomes:

On completion of this course, the students will be able to

CO1. Students are able to develop their own stylized fashion figure.

CO2. To understand the look of the garment and style features.

CO3. To be able to create variations in terms of colour combinations and colour ways

CO4. To be able to highlight the garment details & presentation techniques.

CO5. To be able to prepare flat sketches of the garments for effective use for product development

Catalogue Description

In Fashion Design, Sketches help to convey ideas, demonstrate functionality, visualize user flow, and illustrate anything that requires human interaction. Through sketching skill domain students will enable to generate different 2 D & 3D design by using different point prospective view for creative & innovative designs and help them to achieve desired stylized fashion figure pose as well as to communicate his design ideas in a better way. Student will gain the knowledge of drawing the technicalities & details of various Fashion elements with the correct fashion Terminologies.

Course Content**List of Experiments**

1. Stylized Fashion figure of , Female fashion figure, Different views such as Front, Back, Side & 3/4th. Drawing arms, legs, feet, palm, & different positions.
2. Face details with hair styles- Drawing different face positions such 3/4th, front, side, facial details like eyes, nose and lips.
3. Free hand figure drawing techniques, Analysing stylization- Exaggeration, Developing own style with line drawing and colour.
4. Accessorizing croqui: Headgears. Footwear. Hand bags. Belts. Bows and ties. Eyewear. Jewelry. Gloves & Scarves.
5. Presentation Techniques - Layout techniques, Story board techniques
6. Flat drawing, Spec Sheets, cost sheet.
7. Women's collection: Conceptualization, Design Development sheets. Occasions – wedding, formal meeting. Lifestyle - urban, rural, tribal, hippy, retro etc. Seasons - winter, summer, rainy, spring etc.
8. Women's collection: Conceptualization, Design Development sheets. Occasions – holidays, party. Lifestyle - urban, rural, tribal, hippy, retro etc. Seasons - winter, summer, rainy, spring etc.

Reference Books:

1. Bina Abling , “Fashion Sketchbook”,4thedition , Fairchild Publications, Inc. New York Publication Year – 2004.
2. Figure drawing Elisabetta druid & Tizianapaci Pepin press, 2005
3. Mode (Fashion, Drawing & design) Hannelore Eberle & Auflage publication, Hannes Dollel 2010
4. Illustrating Fashion Concept to creation Steven Stipelman 2 nd edition , Fairchild Publications, Inc. New York Publication Year – 2005

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Students are able to develop their own stylized fashion figure.	PO2
CO2	To understand the look of the garment and style features.	PO3

CO3	To be able to create variations in terms of colour combinations and colour ways	PO4
CO4	To be able to highlight the garment details & presentation techniques..	PO6
CO5	To be able to prepare flat sketches of the garments for effective use for product development	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD251	Sketching -I LAB		3	3	3		3	3	3	3	2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD253	PATTERN MAKING-I LAB	L	T	P	S	C
Version 1.4		0	0	4	0	2
Pre-requisites/Exposure	Understanding drafting of Women's wear					
Co-requisites						

Course Objective:

To acquire knowledge of Human body structure and measurements.

To make the New patterns techniques for the designs.

To learn the skills of developing the ideas in to real garments to get the required style shape and fit.

Course Outcomes:

On completion of this course, the students will be able to

CO1: Through this course student will able to develop adult bodice block / female basic bodice block.

CO2:To learn various kind of Apparel Patterns

CO3: To learn the methods Pattern Making

CO4: They will learn how to manipulate patterns for creating new designs.

CO5: Students learn technical overview of fit related problems and find out there technical solution

Catalogue Description

The course is aimed to prepare professionals in Pattern Making for women. This course will give the learner to relate female body shapes to patterns and understand control points of control in each pattern to achieve desired fit on the basis of measurement system, allowances and darts in transfer, the student starts approaching to the details such as: Collar, sleeves, skirts, blouses, trousers and dresses.

Course Content

UNIT-I

8-Lecture

Introduction to Pattern making Principles and terminology

Role & importance of pattern making in the fashion industry

To study the individual measurement and dress form

Methods of Pattern Development:

1.Drafting

2.Flat Pattern

3. Draping

UNIT-II

12-Lecture

Develop pattern of Basic Bodice (Front & Back) and Sleeve size # 8/10

Develop creative patterns of Bodice

Pattern making - Basic Skirt Block (Front & Back)

Develop creative patterns of Skirt

Basic Torso Foundation size # 8-

Submission :Create Various Patterns

UNIT-III

10 lecture

Dart Manipulation-Slash and spread technique, Pivot transfer technique, Single dart series, Double dart series.

Princess line foundation- classic princess style line, armhole princess style line, panel style line

Submission :Create Various Patterns of Dart Manipulation

UNIT-IV

10 lecture

Basic Pant Foundation

Develop creative patterns of Pants

Corset Pattern

Create Various Patterns of Pant

Final Submission: Draft and cutting pattern for new designs as per the theme

REFERENCE BOOKS:

Helen Joseph Armstrong, 2009“Patternmaking for Fashion Design”, Pearson, Fifth edition.

Pamela C Stringer, (1992) “Pattern Drafting for Dressmaking”, Published by Bats ford Ltd

Winifred Aldrich, (2015) Metric Pattern Cutting for Women's Wear 6th edition

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs

	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Through this course students will able to develop adult bodice block / female basic bodice block.	PO1,PO2
CO2	To learn various kind of Apparel Patterns	PO1,PO3
CO3	To learn the methods Pattern Making	PO7,PO6
CO4	They will learn how to manipulate basic patterns for creating new designs.	PO5 ,PO3
CO5	Students learn technical overview of fit related problems and find out there technical solution.	PO4 ,PO6

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD253	Pattern Making-I Lab		2	3	3	3	2	3	3	3	

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD257	GARMENT CONSTRUCTION LAB-I	L	T	P	S	C
Version 1.4		0	0	4	0	2
Pre-requisites/Exposure	Advance apparel construction knowledge					
Co-requisites						

Course Objectives:

1. To understand the construction of collars, sleeves, bodice, skirt with their variations.

- To acquire the skills and knowledge that are appropriate for developing garment and learn various techniques to assemble the end product.
- To understand the importance and necessity of various construction techniques for different fabrics, and to acquire the skills to apply those construction techniques in a sample form.

Course Outcomes:

On completion of this course, the students will be able

CO1. Explain the methods of construction of variations of collars, sleeves, bodice and skirt.

CO2: Students will be able to develop the existing designs of women wear.

CO3: To enhance their skills related to stitching and develop understanding related to different women and men garments.

CO4: Students will be able to construct complete garment.

CO5: To understand the different parts of the sewing machine and their functions & identify the causes of working defects of sewing machines and solution

Catalogue Description

This course will give detailed overview to the learner about understanding and usage of different finishing skills that are required to finish different components of a garment, develop skill of handling various fabrics for garment construction. In this course students will learn womens wear that will be conducted through various creative projects. It's gives a hands on experience of operating different sewing machines, various seams that will require to create a different pattern as well as add some technical design element in garment.

Course Content

UNIT-I Machine Exercise Construction of Basic Bodice with Sleeve Construction of Creative Bodice design Construction of Basic Skirt	10-Lecture
UNIT-II Construction of Creative Skirt Construction of Torso Foundation Construction of Torso (Princess line foundation- classic princess style line, armhole princess style line, panel style line)	12-Lecture
UNIT-III Construction of Pant Foundation Construction of creative Pants	10-Lecture
UNIT-IV Construction Of Corset Pattern	8-Lecture
Submission: Construction garments designs as per the theme	

Reference Books:

- Readers Digest, January 1, 1981 Complete Guide to Sewing, The Readers Digest Association.
- Alison Smith, Doring Kindersely, 04 Aug 2003 Complete Book of Sewing.
- Gladys Cunningham, January 1, 1969 Singer Sewing Book, the Singer Company, 1st edition.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Explain the methods of construction of variations of collars, sleeves, bodice and skirt.	PO1,PO3

CO2	Students will be able to develop the existing designs of women wear.	PO4,PO2
CO3	To enhance their skills related to stitching and develop understanding related to different women and men garments.	PO1,PO3
CO4	Students will be able to construct complete garment.	PO3,PO5,PO6
CO5	To understand the different parts of the sewing machine and their functions & identify the causes of working defects of sewing machines and solution.	PO3,PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD255	Garment construction Lab-1	3	2	3	2	3	2	3	3	3	2

ADFD257	FASHION DESIGN SOFTWARE -II LAB	L	T	P	S	C
Version 1.4		0	0	4	0	2
Pre-requisites/Exposure	Advance Knowledge of fashion software.					
Co-requisites						

Course Objectives:

1. Students will acquire the knowledge of design software like corel draw & Photoshop.

2. Student will learn how to start improving & developing vector images for design projects. After completion students will be able to develop their own print designs.

Course Outcomes:

On completion of this course, the students will be able to

CO1. Students will acquire a sound knowledge of various design software's like Corel draw and Photoshop.

CO2: Conceptualize, design and create graphics, prints, patterns, textures etc.

CO3: Through this course student will play with color, effects and more to create concept boards- mood board, color board etc. & artwork with the help of corel draw.

CO4: Students will enable to generate / manipulate the pattern to achieve desired style or look according to their project work.

CO5: Photoshop helps students in portfolio presentation & portfolio editing work.

Catalogue Description

Students will acquire a sound knowledge of various design software's like Corel draw and Photoshop, a powerful tool that offers a wide scope to conceptualize, design and create graphics, prints, patterns, textures etc. for various design led projects using computers as a medium. Hands on experience with the software and related design assignments, offers a wide scope to the learner to implement creative ideas in various permutations and combinations, bringing creative ideas into a realistic approach and outcome.

Course Content

List of Experiments

Unit-I

10-Lecture

Draw and manipulate custom raster/vector shapes using the Pen tool and shape tools.

Create precise selections in low-contrast images using vector masks and paths.

Use smart Objects in Photoshop to non-destructively edit, link, update images.

Unit-II

10-Lecture

Sharpen, blur, and vignette images using customizable and editable Smart Filters.

Apply professional-quality typography in Photoshop, considering leading, kerning, tracking, baseline shift, and ligatures.

Handle type creatively by applying textures to text, pushing photographs through text and other shapes, and hiding portions of text.

Unit-III

10-Lecture

Create attractive gray scale, partial grayscale, and duotone images.

Use Swatches panel, and Color Libraries to effectively select and manage colour schemes.

Create custom brushes, use the Mixer Brush for freehand painting in Photoshop, and turn images into paintings.

Unit-IV

10-Lecture

Create Mood & Trend Presentation Boards, creating textile patterns with Photoshop.

Creating women's wear, kids wear & men's wear illustrations using pen tool.

Creating invitation card, visiting cards and greeting cards.

Reference Books:

1. H Faulkner, Andrew and Chavez, Conrad. (2015 Edition) Adobe Photoshop CC.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Students will acquire a sound knowledge of various design software's like Corel draw and Photoshop.	PO1
CO2	Conceptualize, design and create graphics, prints, patterns, textures etc.	PO3
CO3	Through this course student will play with color, effects and more to create concept boards- mood board, color board etc. & artwork with the help of corel draw.	PO4
CO4	Students will enable to generate / manipulate the pattern to achieve desired style or look according to their project work.	PO5
CO5	Photoshop helps students in portfolio presentation & portfolio editing work.	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD257	Fashion Design Software	2	3	2	2	3	2	3	3	3	2

OPEN ELECTIVE**SEMESTER-III**

	Import- Export Management	L	T	P	S	C
Version 1.2		3	0	0	0	3
Pre-requisites/Exposure	Fundamental knowledge of International Business					

Co-requisites	
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Course Objectives:

1. To understand the concept of international business, export-import marketing and procedure.
2. To acquire knowledge of export-import promotion and documentations.

Course Outcomes:

On completion of this course, the students will be able to

- CO1: Understand the concept of international business.
 CO2: Appreciate difference between domestic, export and import.
 CO3: Identify the importance and need of exports.
 CO4: Knowledge of documentation and its requirement.
 CO5: Recognize the Exim policy and promotional measures.

Catalogue Description

This course will give a systematic overview to the learner about of the various Import and export methodologies, policies, procedures and importance of marketing and merchandising in Apparel Industry etc. This subject will help students to identify and creating fashion trends to sell the products created by fashion designers. Drawing on their knowledge of consumer psychology and trends, they promote fashion with advertising and visual marketing campaigns. The fashion merchandising field includes jobs in both retail and wholesale sales.

Course Content**UNIT 1****10 lecture**

Introduction of International Business, Introduction of Exports Market, Objective, Features and Importance of Export marketing. Difference between Domestic and Export Market. Benefits to Nation and Firm. Exim Policy, Highlights of Exim Policy.

UNIT 2**8 lecture**

Export Documentation, Solution for problems related to export marketing. Introduction of Letter of Credit, Types and Features. Promotion Measures & Schemes- Drawback, EPZ/EOU units.

UNIT 3**12 lecture**

Import- Introduction, Import Procedure, Import documentation for Custom Clearance, Import Policies, Regulation on Imports, Tariffs on Imports, An International Fashion Mix.

UNIT 4**10 lecture**

Import Facilities for Exporters, Benefits for Export Houses and trading Houses, Set up a business in India with Import-Export License. Processing of an Export Order. Future Scenario of the Export-Import.

Text Books:

1. Raj, Dr. Dev (2010) *“Import Export Procedures & Documentation”*, Rajat Publications.
2. Cherunilam, Francis (2017) *“International trade and export management”*, Himalaya Publishing House.

Reference Books:

1. Bade, Donna L. & Johnson, Thomas E, (2010) *“Export/Import Procedures and Documentation”*, 4th Edition, Amacom Publisher.
2. [Kaynak](#), Erdener & [Seyoum](#), Belay (2014) *“Export-Import Theory, Practices, and Procedures”*, 1st Edition, Routledge.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Understand the concept of international business.	PO1
CO2	Appreciate difference between domestic, export and import.	PO3
CO3	Identify the importance and need of exports.	PO5
CO4	Knowledge of documentation and its requirement.	PO7
CO5	Recognize the Exim policy and promotional measures.	PO4

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO 1	PO 2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
	Import- Export Management	2		3	3	2		2	3		2

1=weakly mapped,2= moderately mapped,3=strongly mapped

Semester-IV

ADFD202	Garment Manufacturing Technology	L	T	P	S	C
Version 1.0		4	-	-	-	4
Pre-requisites/Exposure	Basic of garment construction techniques					

Co-requisites	
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Course Objectives:

1. To prepares the students to acquire the knowledge and familiarize them with sewing machine & its part.
2. To develop an understanding about the selection of the right machinery for production of the garments.

Course Outcomes:

On completion of this course, the students will be able to

- CO1:** To understand the work flow of garment production unit
CO2: To understand the different parts of the sewing machine and their functions.
CO3: Identify the causes of working defects of sewing machines and solution
CO4: Make different types of temporary, permanent and decorative stitches.
CO5: Prepare different types of seam.

Catalogue Description

This course will give the learner to conceptualize the structure and end use of different types of sewing machines, sewing machines attachments, Classification of Finishing Equipment and their application their correlations with garment mass production. The course is an interesting mix of practical and theoretical projects that will encourage students to learn the concepts of technical design in an interactive way. Students will be given a sound understanding on various areas of garment manufacturing unit; they will know the method of Marker making, Spreading, Cutting, Ticketing, Bundling, Sewing, Finishing, and Quality Checking in industry etc.

Course Content**UNIT I****10 -lecture**

Garment Industry, Overview of the garment industry, Main sectors of the garment industry, Standards and specifications, Production capacity, Time and motion study- Introduction, effect of time and motion study on productivity in garment sector.

UNIT II**8 -lecture**

Pre-Production Processes, recording measurements, explain about Pattern making, Sampling, Fabric development and sourcing, Production planning & control, Preparation of specification sheet/Tech-pack.

UNIT III**12-lecture**

In-Production processes, Machines, Equipment and Work-aids , Marker-making- planning, production, efficiency, methods of making, Spreading of fabric- requirements, methods, nature of fabric packages, Cutting – objective, methods and tools, Preparation before cutting- fusing, ticketing and bundling- purposes and types Fusing- advantages, requirements, processes, equipment, methods and quality control, Stitch types-suitability and usage, Seam types-suitability and usage, Types of sewing machines- Basic lock stitch, chain stitch and over lock machines (Parts, function and sewing defects and Solution) Special purpose machines- blind stitch, bar tack, button sewing and button holes,

Types of sewing Needles, Types of sewing Threads, Feed system in sewing machines, Feed Dogs, Machine beds, Machine tables, Work chairs, Bundle clamps, Stackers, Various machine attachments, Handling various specialty fabrics.

UNIT IV**10-lecture**

Overall production processes, Garment finishing-Thread trimming, stain removal, cleaning, dry-cleaning, pressing, checking, folding and packing, shipment inspection, Warehousing- handling equipment, storage equipment, packaging equipment, transportation issues

Text Book:

1. Glock & Kunz, (July 8, 2004)"Apparel manufacturing", Pearson Prentice Hall.

Reference Books:

1. "Reader's Digest" Association (9 October 1978) Complete Guide to Sewing.
2. Alison Smith, 02 Feb 2009 "The Sewing Book", Dorling Kindersley.

3. Harold Carr and Barbara Latham, (2008) "Technology of Clothing Manufacture", Blackwell Publishing Asia Pty Ltd

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	To understand the work flow of garment production unit	PO1
CO2	To understand the different parts of the sewing machine and their functions.	PO3
CO3	Identify the causes of working defects of sewing machines and solution	PO7
CO4	Make different types of temporary, permanent and decorative stitches.	PO5
CO5	Prepare different types of seam.	PO4

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD202	Garment Manufacturing Technology	3		3	3	3		3	3	2	3

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD252	SKETCHING-II LAB	L	T	P	S	C
Version 1.3		0	0	4	0	2
Pre-requisites/Exposure	Advanced drawing based on concept					
Co-requisites						

Course Objectives:

1. Student will gain the knowledge of drawing technicalities & details of various Fashion elements with the correct Terminologies.
2. Incorporating above elements on a Fashion figure with necessary details to come up with an appropriate Fashion Illustration.

Course Outcomes:

On completion of this course, the students will be able to

CO1. To be able to understand and convey the look of the garment and style features to the production team.

CO2: To be able to create the variations / options in overall design.

CO3: To be able to provide options in terms of colour combinations and colour ways.

CO4: To be able to render different fabric features like prints, woven textures and embellishments both 2D and 3D in the sketches.

CO5: To be able to highlight the garment details for effective use for product development.

Catalogue Description

In this course the learner understands technical way of designing with design process through mood board, colour board, fabric board, range plan sketches and specification drawings for production and industry. Because through such skill domain student is enabled to understand the 2D and 3D rendering of embellishments like embroidery, beadwork, zardozi, princess line, dart, gathers, pleats etc. As well as to learn to read, interpret and prepare design sheets for manufacturing.

Course Content

List of Experiments

Unit-I 2D & 3D rendering with various kind of colors, papers, foil, fabric etc. Visual idea presentation with collage making.	10-Lecture
Unit-II Street wears (Men's wear collection): Conceptualization, Design Development sheets. Party wears (Men's wear collection): Conceptualization, Design Development sheets.	10-Lecture
Unit-III Traditional Wear (Men's wear collection): Conceptualization, Design Development sheets. Office wears (Men's wear collection): Conceptualization, Design Development sheets.	12-Lecture
Unit-IV Sketching exercises based on various styles (casual, formal, athletic, etc.) Men's Wear collection for various figures : Conceptualization, Design Development sheets.	8-Lecture

Reference Books:

1. Sketching and Drawing by VasudevKamath published by Jyotsna Prakashan Pune ,2nd Edition,2006
2. Figure study made easy by Aditya Chaari published by Grace Publication,
3. Draw and Paint by Pundalik Vaze published by Jyotsna Prakashan Pune ,1st Edition,2002
4. Carol A. Nunnally, The Encyclopedia of Fashion Illustration Techniques

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	To be able to understand and convey the look of the garment and style features to the production team	PO1
CO2	To be able to create the variations / options in overall design	PO2
CO3	To be able to provide options in terms of colour combinations and colour ways	PO1
CO4	To be able to render different fabric features like prints, woven textures and embellishments both 2D and 3D in the sketches	PO5,PO4
CO5	To be able to highlight the garment details for effective use for product development	PO3

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
252	Sketching-II Lab	3	3	3	3	3		3	3	3	3

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD254	Pattern Making-II Lab	L	T	P	S	C
Version 1.4		0	0	4	0	2
Pre-requisites/Exposure	Understanding drafting for Men's Wear					
Co-requisites						

Course Objective:

1. To develop understanding of Men's wear pattern making in fashion industry.
2. To familiarize the students with the concept of Patterns variation for fashion Industry.

Course Outcomes:

On completion of this course, the students will be able to

CO1: Define the basic pattern making terminologies & how to take body measurements correctly

CO2: To learn basic bodice block and adapt those blocks to various designs.

CO3: Analyse different body types and identify problem areas and rectify them.

CO4: Compare the different types of pattern layout

CO5: To develop the range of patterns for men's wear

Catalogue Description

This course will give the learner to relate male body shapes to patterns and understand control points of control in each pattern to achieving desired fit. In this course the learner understands scientific way to manipulating patterns to achieve the desired style line of male outfits. Through such skill domain students will enable to generate well-fitting patterns of creative & innovative designs and manipulate them to achieve desired style line of any outfit.

Course Content

UNIT-I**10-Lecture**

Specification and terminology of young & adult men.

Basic Bodice block for MEN'S wear: Basic Front & Back bodice, Basic sleeve

Casual Shirt with Cuff, Collar, Sleeves, Pockets

Creative Shirt Patterns of Mens wear.

Submission : Mens Shirt Variation**UNIT-II****8-Lecture**

Basic Pant Foundation

Creative Pants Patterns for Men's wear.

Submission : Mens pant Variation**UNIT-III****10-Lecture**

Indian Men's wear patterns: Basic kurta, Angrakha kurta, A-Line kurta.

Basic Pyjama, Two piece pyjama, Chudidar pyjama.

Creative Set of Kurta and Payjama

Submission : Mens Kurta Variation**UNIT-IV****12-Lecture**

Single breasted Coat

Double breasted coat

Submission : Mens Coat Variation

Final Submissions:**Construction of male formal dress with Coat****Reference Books:**

1. Helen Joseph Armstrong, 2009“Patternmaking for Fashion Design”, Pearson, Fifth edition
2. [Gareth Kershaw](#) (7 Oct. 2013), “Pattern Cutting for Menswear”, first edition.
3. Metric pattern cutting for men’s wear, 3rd edition, Winifred Aldrich, Blackwell publishing.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Define the basic pattern making terminologies & how to take body measurements correctly	PO1,PO3
CO2	To learn basic bodice block and adapt those blocks to various designs.	PO7,PO1
CO3	Analyse different body types and identify problem areas	PO2,PO3,PO4
CO4	Compare the different types of pattern layouts	PO3,PO1
CO5	To develop the range of patterns for men’s wear	PO5,PO6

		Desi gn and Inte grati on	Dra wing Wor k	Criti cal Anal ysis	Emplo yabilit y and Interdi sciplin ary Appro ach	Con duct	Com muni cati on and Tea mwo rk	Life- long lear ning	Appli cation of Conc epts	Innov ation and Indus try Frien dly	Ethi cs and Com muni cati on Skill s
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD254	Pattern Making LAB-II	3	3	3	2	3	2	3	3	2	2

ADFD256	GARMENT CONSTRUCTION LAB-II	L	T	P	S	C
Version 1.4		0	0	4	0	2
Pre-requisites/Exposure	Understanding construction for Men’s Wear					
Co-requisites						

Course Objective:

3. To develop understanding of Men's wear construction in fashion industry.
4. To familiarize the students with the concept of Patterns variation for fashion Industry.

Course Outcomes:

On completion of this course, the students will be able to

CO1: Student will be able to create garments using different fashion components.

CO2: To learn basic bodice block and adapt those blocks to various designs.

CO3: To understand the use of fashion components in garments.

CO4: To understand Various garment parts and their variations.

CO5: To develop the range of patterns for men's wear.

Catalogue Description

This course will give the learner to relate male body shapes to patterns and understand control points of control in each pattern to achieving desired fit. In this course the learner understands scientific way to manipulating patterns to achieve the desired style line of male outfits. Through such skill domain students will enable to generate well-fitting patterns of creative & innovative designs and manipulate them to achieve desired style line of any outfit.

Course Content**UNIT-I****10-Lecture**

Construct of Basic Bodice block for MEN'S wear: Basic Front & Back bodice, Basic sleeve

Construction of Casual Shirt with Cuff, Collar, Sleeves, Pockets

Construction of Creative of Mens wear.

UNIT-II**8-Lecture**

Construction of Pant Foundation

Construction of Creative Pants for Mens wear.

UNIT-III**10-Lecture**

Indian Men's wear patterns: Construction of Basic kurta, Angrakha kurta, A-Line kurta.

Construction of Basic Pyjama, Two piece pyjama, Chudidar pyjama.

Construction of Creative Set of Kurta and Payjama

UNIT-IV**12-Lecture**

Construction of Single breasted Coat

Final Submissions:

Construction of male formal dress with coat

Reference Books:

1. Helen Joseph Armstrong, 2009 "Patternmaking for Fashion Design", Pearson, Fifth edition

2. [Gareth Kershaw](#) (7 Oct. 2013), "Pattern Cutting for Menswear", first edition.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Student will be able to create garments using different fashion components.	PO1,PO3
CO2	To learn basic bodice block and adapt those blocks to various designs..	,PO1, PO3,PO7
CO3	To understand the use of fashion components in garments.	PO2,PO4
CO4	To understand Various garment parts and their variations	PO3,PO6
CO5	To develop the range of patterns for men's wear	PO3,PO5

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD256	Garment construction lab-II	3	3	3	2	3	2	3	3	2	2

1=weakly mapped, 2= moderately mapped,3=strongly mapped

ADFD260	INDIAN EMBROIDERIES & TEXTILES CRAFT	L	T	P	S	C
Version 1.3		0	0	4	0	2
Pre-requisites/Exposure	Advance knowledge about Indian textile craft					
Co-requisites						

Course Objectives:

1. The objective of the course to impart knowledge of Indian textiles and embroideries region wise and their importance. Student will apply appropriate research and use them to develop the garments and accessories for their collection.
- 2.

Course Learning Outcome:

On completion of this course, the students will be able to

CO1: Through this course student will able to recognize different types of Indian embroideries and textiles contains different aspects of regional specialty.

CO2: Student will understand the history, importance of Indian designs and their revival in present days.

CO3: Student will acquire knowledge of Indian Embroideries and transform it according to their collection.

CO4: Through this course student will gain understanding of design detail, color detail.

CO5: In this course student will develop motifs, patterns for the craft and prepare khakha and develop the fabric for the garment of their collection.

Catalogue Description

In this students learn about the rich Indian textile craft like woven, dyed, printed and painted. embroidery is no exception. Embroidery is the Indian handicraft of decorating fabric or other materials with needle and thread or yarn. Dyeing and Printing Techniques Tie-dye, is a modern term, coined in the ancient, resist-dyeing techniques, and for the products of these processes. The process of tie-dye typically consists of, folding, twisting, pleating, followed by application of dye. Surface ornamentation adds immense beauty and enhances the look of a garment.

Course Content**UNIT I****8 lecture hours**

Introduction of Indian textiles Classification – Dyed, Resist Dyed, Printed And Embroidered, Overview, Sources of information, earliest findings with respect to different fibres and locations.

UNIT II**12 lecture hours**

Indian Textiles: Ikat (Odisha), Chanderi (Madhya Pradesh), Paithani Brocade (Maharashtra), Kota Doria (Rajasthan), Jamdani (Bengal), uses of embroideries

UNIT III**10 lecture**

Indian Embroideries: Phulkari (Punjab), Kashida (Kashmir), Kasuti (Karnataka), Chikankari (Uttar Pradesh), Kantha (W.Bengal), Chambarumal (Himachal Pradesh), Kutch embroidery (Gujrat).

UNIT IV**12 lecture**

Different types of printing techniques

Project based on: - One theme-based craft project, Theme selection- should be based on craft, develop mood board, material board, Motif development on the basis of selected theme & mood,

prepare naksha or khakas based on selected motif design. Design one garment & one home décor product based on selected craft.

Additional Resources:

-
- <http://handicrafts.nic.in/>
-
-
- <http://texmin.nic.in/>
-
-
- http://handlooms.nic.in/User_Panel/UserView.aspx?TypeID=1242
-

ADFD262	CRAFT DOCUMENTATION	L	T	P	S	C
Version 1.0		0	0	4	0	2
Pre-requisites/Exposure	Basic Knowledge of Craft Documentation					
Co-requisites						

Course Objectives:

To gain knowledge about the Indian Craft and Cluster Design Process & promote Indian artesian & Indian craft at global level.

Course Learning Outcome:

On completion of this course, the students will be able to

CO1: Student will understand and appreciate traditional crafting techniques

CO2: To acquire knowledge of traditional Indian crafts with in depth focus on understanding of the craft

CO3: Student will gain knowledge of the crafts documentation process.

CO4: This course will give hands on experience of the craft clusters

CO5: The knowledge gathered from on field research and practical, will be channelized in creation of crafts documentation

Catalogue Description

India has a rich heritage of traditional crafts. This course will give detailed overview to the learners about various traditional Indian crafts that are practiced across the country. This course focuses on field, hands on experience of the craft clusters from conception to creation of handmade products. They will be exposed to real life work place with master craftsman with an aim to learn the technicalities and design process of a selected craft. The knowledge gathered from on field research and practical, will be channelized in creation of a design collection using the learnt craft techniques.

Course Content**List of Experiments**

Unit-I	10 Lecture
Identification of Craft for Project research and documentation. To understand the importance and concept of Traditional Craft and how it binds our culture.	
Unit-I I	10 Lecture
Identification of research topics within the craft. Understanding the local craft from concept to creation. Research on favorable Crafts/ Cluster (locations wise where students can travel to learn the craft).	
Unit-I II	10 Lecture
Create database of local representatives for the craft with the persons photograph and contact details.	
Unit-IV	10 Lecture
Documentation of complete manufacturing processes and finishing and presentation.	
Note: (15 Days) survey to any selected state cluster. Carry all important documentation equipment, like camera, notebooks, (optional –recording audio/video), local guide no, emergencies no etc.	

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination. Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Student will understand and appreciate traditional crafting techniques	PO1
CO2	To acquire knowledge of traditional Indian crafts with in depth focus on understanding of the craft	PO1
CO3	Student will gain knowledge of the crafts documentation process.	PO3

CO4	This course will give hands on experience of the craft clusters	PO5
CO5	The knowledge gathered from on field research and practical, will be channelized in creation of crafts documentation	PO4,PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD262	CRAFT DOCUMENTATION	3		3	3	3		3	3	3	3

1=weakly mapped,2= moderately mapped,3=strongly mapped

Open Elective-III

	Fashion Photography	L	T	P	S	C
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Version 1.0		3	0	0	0	3
Pre-requisites/Exposure	Knowledge of Product Photography					
Co-requisites						

Course Objective:

- To understand the importance of product photography in advertising and e-commerce.
- To demonstrate technical proficiency in using camera equipment and lighting setups for product photography.
- To apply principles of composition and styling to create compelling product images.
- To employ post-processing techniques to enhance and retouch product photographs.
- To create a professional product photography portfolio showcasing their skills and versatility.

Course Outcomes

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

- CO1: Recognize the significance of product photography in effectively promoting and selling products in advertising and e-commerce contexts.
- CO2: Display technical competence in operating cameras, selecting appropriate lenses, and setting up lighting equipment to capture high-quality product images.
- CO3: Apply principles of composition and styling to produce visually engaging product photographs that effectively highlight the features and aesthetics of the products.
- CO4: Utilize post-processing techniques to enhance the visual appeal of product images through adjustments in exposure, color balance, contrast, and retouching.
- CO5: Compile a professional product photography portfolio that demonstrates their technical skills, creative abilities, and versatility in capturing different types of products.

Catalogue Description

This course explores the intersection of fashion design and photography, emphasizing the skills and techniques required to capture fashion in a visually compelling and creative way. Students will learn the fundamentals of fashion photography, including lighting, composition, styling, and post-processing, to effectively communicate fashion concepts through images.

Course Content**10 lecture****UNIT I**

Introduction to Product Photography

- Overview of the importance and applications of product photography
- Understanding the role of product photography in advertising and e-commerce
- Analyzing effective product images from various industries

Camera Equipment and Techniques

- Types of cameras and lenses used in product photography
- Camera settings for different lighting conditions
- Understanding exposure and controlling depth of field
- Tripods, remote triggers, and other essential equipment for stability and precision

10 lecture**UNIT II**

Lighting for Product Photography

- Studio lighting setups and techniques for product photography
- Lighting modifiers and their effects on product images
- Creating a variety of lighting styles (e.g., soft light, hard light, dramatic lighting)
- Using natural light and continuous lighting sources for product photography

Composition and Styling

- Principles of composition specific to product photography
- Styling techniques to enhance the visual appeal of products
- Backgrounds, props, and set design to complement the product
- Capturing various angles and perspectives for different types of products

18 lecture

UNIT III

Product Image Retouching and Post-Processing

- Introduction to image editing software (e.g., Adobe Photoshop, Lightroom)
- Adjusting exposure, color balance, and contrast for product images
- Retouching techniques for product imperfections and blemishes
- Preparing product images for print and digital media

Marketing and Presentation of Product Photography

- Understanding the target audience and market for product photography
- Creating images that align with brand identity and marketing strategies
- Designing product catalogs and online galleries for showcasing images
- Preparing product images for e-commerce platforms and advertising campaigns

16 lecture

UNIT IV

Portfolio Development

- Selecting and organizing a portfolio of product images
- Demonstrating versatility in capturing various types of products
- Presentation and self-promotion of the product photography portfolio
- Portfolio review and critique

Text book [TB]:

1. "Photography: The Art of Composition" by Bert Krages
2. "Lighting for Product Photography: The Digital Photographer's Step-by-Step Guide to Sculpting with Light" by Allison Earnest

Reference Books/Materials

1. "Light Science & Magic: An Introduction to Photographic Lighting" by Fil Hunter, Steven Biver, and Paul Fuqua.
2. "Product Photography Handbook" by J. Dennis Thomas.
3. "The Photographer's Guide to Marketing and Self-Promotion" by Maria Piscopo.
4. "The Art and Style of Product Photography" by J. Dennis Thomas.
5. "Vogue: The Covers" by Dodie Kazanjian - Abrams

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination**Examination Scheme:**

Components	Quiz I	Quiz II	Mid Term Exam	Presentation/ Assignment/ etc.	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Recognize the significance of product photography in effectively promoting and selling products in advertising and e-commerce contexts.	PO4, PSO2

CO2	Display technical competence in operating cameras, selecting appropriate lenses, and setting up lighting equipment to capture high-quality product images	PO5,PSO1
CO3	Apply principles of composition and styling to produce visually engaging product photographs that effectively highlight the features and aesthetics of the products.	PO2
CO4	Utilize post-processing techniques to enhance the visual appeal of product images through adjustments in exposure, color balance, contrast, and retouching.	PO6
CO5	Compile a professional product photography portfolio that demonstrates their technical skills, creative abilities, and versatility in capturing different types of products.	PO3,PSO1

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
	Product Photography	3	3	3	3	3	3		3	3	

SEMESTER-IV

ADFD301	FASHION RETAIL & VISUAL MERCHANDISING	L	T	P	S	C
Version 1.3		3	1	0	0	4
Pre-requisites/Exposure	Knowledge of fashion retail industry workflow					
Co-requisites						

Course Objectives:

To provide an overview of the evolution as well as the current structure and status of the apparel retailing in India. To develop and understanding and appreciation of the principles of marketing, retail operations and the basic principles of visual merchandising and effective customer handling practices.

Course Learning Outcomes:

On completion of this course, the students will be able to

CO1: State the importance of retailing in marketing & structural changes in the retailing sector.

CO2: Describe the unique aspects of apparel retailing & Classify the different types of retail outlets.

CO3: Explain the main operational processes of retail stores

CO4: Give understanding about elements of visual merchandising, compare the roles and responsibilities of different visual merchandiser.

CO5: Explain the use of various visual merchandising practices

Catalogue Description

Through this course student will learn about the Fashion retail industry, importance of merchandising & Visual Merchandising in Fashion Retail. The course aims to impart cutting-edge knowledge about the fast growing field of Visual Merchandising. The course is an interesting mix of practical and theoretical projects that will encourage students to learn the concepts of Retail industry like visual merchandising in an interactive way.

Course Content**UNIT I****8 lecture hours**

Overview of Retailing: Role of retail in marketing system, Overview of Indian retail sector, Retail evolution in India: structural changes and emerging trends, Classification of Retailing Channels (online, offline, multichannel, cross-channel), Formats (in-store and non-store), and Types of Outlets (ownership and merchandise based)

UNIT II**12 lecture hours**

Retail Marketing & Operations: Product – merchandise assortment and inventory management. Place – Store Management, store location, Floor layout. Promotion – in-store and off-store promotion and advertising, Roles and responsibilities of retail store manager, employee management

UNIT III**8 lecture hours**

Introduction to Visual Merchandising: Introduction **Visual Merchandising** and Importance. Schedules- Seasons, Promotions, Special sales, Themes. Types of Display- Window display, Interior display, Various Types of Store Layouts, Grid layout, Loop-path layout, Free-form layout, Spine layout. Merchandise Presentation Techniques- Idea-Oriented Presentation, Style/Item Presentation, Price Lining

UNIT IV**12 lecture hours**

Store Image: Introduction, Objectives, Concept of Image Mix, Elements of Display- Merchandise, forms, props, signage, lighting, Merchandise, Fixtures, Visuals, Sound/Music, Odor, Common problems in display, Visual Merchandising at Different Stores, Apparel store, Furniture store, Future Prospects of Visual Merchandising.

Textbook:

1. Mr Raj Kumar Mascree, "Visual and Fashion Merchandising", Sikkim Manipal University, Gangtok.

2. Balley Sarah, Baker Jonathan (2014). Visual Merchandising in Fashion. London: Bloomsbury Publishing
3. Bloomsbury Publishing
4. Dunn Patrick, Lusch Robert, Griffith David A., (2002). Retailing. USA: Harcourt College Publishers
5. Levy Michael, Weitz Barton A., (1995). Retailing Management. US: Irwin Publishers

Reference Books:

1. Martin M. Pegler, "Visual Merchandising and Display", 6th Edition.
2. Tony Morgan, "Visual Merchandising Window and In-store Displays for Retail", Second Edition
3. Ellen Diamond "fashion retailing" 2nd edition.
4. Frances D., Spooone H, Greenwald H. (1992). Retail Fashion Promotion and Advertising. USA: Macmillan.
5. Stone E. (1987). Fashion Buying. New York: McGraw- Hill.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination. Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	State the importance of retailing in marketing & structural changes in the retailing sector.	PO1
CO2	Describe the unique aspects of apparel retailing & Classify the different types of retail outlets.	PO2
CO3	Explain the main operational processes of retail stores	PO4
CO4	Give understanding about elements of visual merchandising, compare the roles and responsibilities of different visual merchandiser.	PO3
CO5	Explain the use of various visual merchandising practices	PO5.PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD301	Fashion retail & visual merchandising	2	2	3	3	3		3	3	3	3

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD353	PATTERN MAKING -III LAB	L	T	P	S	C
Version 1.0		0	0	4	0	2
Pre-requisites/Exposure	Basic pattern techniques And Construction for Kids wear					
Co-requisites						

Course Objective:

1. To develop understanding of pattern making of kid's wear in fashion industry.
2. To acquaint the students with the importance of taking correct body measurements and size charts and to introduce the concept of drafting and paper patterns for kid's wear. So that they are capable to develop Industrial Paper Pattern like professionals.

Course Outcomes:

On completion of this course, the students will be able to

CO1: Explain the methods of developing paper patterns; develop a basic bodice block of kids.

CO2: Define the basic pattern making terminologies & how to take body measurements correctly

CO3: Describe the tools used for, drafting, Pattern Making and construction.

CO4: Analyze different body types and identify problem areas.

CO5: Compare the different types of pattern layouts, importance of ease and darts in pattern

Catalogue Description

This course will impart an understanding to the learner to relate different body shapes to different patterns and understand points of control in each pattern to achieve desired fit. Pattern making is a bridge function between design and production. A sketch can be turned into a garment via a pattern which interprets the design in the form of the garment components. A patternmaker typically makes a pattern from a flat sketch with measurements or a two dimensional fashion illustration. The basic pattern is the starting point for flat pattern designing. It is a simple pattern that fits the body with just enough ease for movement and comfort. Basic patterns usually consisting of the front and back bodice, front and back skirt, sleeve, and pant.

UNIT-I

10-Lecture

Kids wear measurement method, standard body measurement Basic blocks for kids → Infants (0-2 years age) → Toddlers (2-6 years age) → Preteens (6-12 years age) - boys and girls both

Kids wear – Infants (0-2-year age)- Pattern development → Snow suit with hood → Romper

UNIT-II

10-Lecture

Kids wear- Toddlers (2-6-year age) Pattern development for boys' garments - T-shirt with raglan sleeve – shorts/ trouser.

Pattern development for girls' garments -Frocks

Develop Creative pattern

UNIT-III

10-Lecture

Basic Skirt Draft

Develop Creative pattern - Tiered, divided skirt, cascade, etc.

UNIT-IV

10-Lecture

1. Kids wear- Preteens (6-12 year age), Pattern development for boys garments - Knee length pants –

2. T-shirt, Pattern development for girls garments - Empire line dress with flare

Final Submission:Develop Creative patterns

Submission : Kdis wear garments According Theme

Reference Books:

1.H.J. Armstrong, 2009, Pattern Making for Fashion Design, Harper Collins Publishers Inc. New York.

2.Lori A. Knowles,(09-07-2005)"Pattern Making for Fashion Designers", Fairchild Publishers.

3.Pamela C Stringer, (1992)"Pattern Drafting for Dressmaking", Batsford Ltd

4.Aldrich, W. 2007 Metric Pattern Cutting for Children's Wear and Babywear, Third edition, Blackwell Publishing, Om Books International, Delhi.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination
Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Explain the methods of developing paper patterns, develop a basic bodice block and adapt that block to various designs.	PO1
CO2	Define the basic pattern making terminologies & how to take body measurements correctly	PO7
CO3	Describe the tools used for, drafting, Pattern Making	PO2
CO4	Analyse different body types and identify problem areas.	PO3
CO5	Compare the different types of pattern layouts, importance of ease and darts in pattern .	PO5

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD353	Pattern Making -III Lab	3	3	3	2	3		3	3	2	

1=weakly mapped, 2= moderately mapped,3=strongly mapped

ADFD355	Garment Construction -III LAB	L	T	P	S	C
Version 1.0		0	0	4	0	2
Pre-requisites/Exposure	Basic pattern techniques And Construction for Kids wear					
Co-requisites						

Course Objective:

3. To develop understanding of construction of kid's wear in fashion industry.
4. To acquaint the students with the importance of taking correct body measurements and size charts and to introduce the concept of drafting and paper patterns for kid's wear. So that they are capable to develop Industrial Paper Pattern like professionals.

Course Outcomes:

On completion of this course, the students will be able to

On completion of this course, the students will be able to

CO1: Student will be able to create garments using different fashion components.

CO2: To learn basic bodice block and adapt those blocks to various designs.

CO3: To understand the use of fashion components in garments.

CO4: To understand Various garment parts and their variations.

CO5: To develop the range of patterns for Kid's wear.

Catalogue Description

This course will impart an understanding to the learner to relate different body shapes to different patterns and understand points of control in each pattern to achieve desired fit. Pattern making is a bridge function between design and production. A sketch can be turned into a garment via a pattern which interprets the design in the form of the garment components. A patternmaker typically makes a pattern from a flat sketch with measurements or a two dimensional fashion illustration. The basic pattern is the starting point for flat pattern designing. It is a simple pattern that fits the body with just enough ease for movement and comfort. Basic patterns usually consisting of the front and back bodice, front and back skirt, sleeve, and pant.

UNIT-I**10-Lecture**

Kids wear measurement method, standard body measurement Basic blocks for kids → Infants (0-2 years age) → Toddlers (2-6 years age) → Preteens (6-12 years age) - boys and girls both

Kids wear – Infants (0-2-year age)- Pattern development → Snow suit with hood → Romper

UNIT-II**10-Lecture**

Construction of Kids wear- Toddlers (2-6-year age)garments - T-shirt with raglan sleeve – shorts/ trouser.

Construction of girls' garments -Frocks

Construction of Creative patternfor Kids wear

UNIT-III**10-Lecture**

Construction of Basic Skirt

Construction of Creative pattern - Tiered, divided skirt, cascade, etc.

UNIT-IV**10-Lecture**

Construction of Kids wear- Preteens (6-12 year age) Boys garments - Knee length pants –

Construction of T-shirt, Pattern development for girls garments - Empire line dress with flare

Construction of Creative patterns for Kids

Reference Books:

1. H.J. Armstrong, 2009, Pattern Making for Fashion Design, Harper Collins Publishers Inc. New York.
2. LoriA. Knowles,(09-07-2005)"Pattern Making for Fashion Designers", Fairchild Publishers.
3. Pamela C Stringer, (1992)"Pattern Drafting for Dressmaking", Batsford Ltd
4. Aldrich, W. 2007 Metric Pattern Cutting for Children's Wear and Babywear, Third edition, Blackwell Publishing, Om Books International, Delhi.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination**Examination Scheme:**

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs

	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Student will be able to create garments using different fashion components.	PO1
CO2	To learn basic bodice block and adapt those blocks to various designs.	PO7
CO3	To understand the use of fashion components in garments.	PO2
CO4	To understand Various garment parts and their variations	PO3
CO5	To develop the range of patterns for Kid's wear.	PO5

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD355	Garment Construction -III Lab	3	3	3		3		3	3	2	

1=weakly mapped, 2= moderately mapped,3=strongly mapped

ADFD357	SUMMER TRAINING -I	L	T	P	S	C
Version 1.5		2	-	-	-	2
Pre-requisites/Exposure	Real-time exposure of Industry Work					
Co-requisites						

Course Objectives:

- To gain practical knowledge of various department workflow in apparel and textile industry & to gain hands on experience of working in a professional manner.

Course Outcomes:

On completion of this course, the students will be able to

- CO1. To involve students with fashion industry professional.
 CO2. To enhance their practical knowledge.
 CO3. Students will participate in the ongoing activities of the organization as advised by the industry mentor.
 CO4. Collect the required information and prepare a written report to be presented in the department.

CO5. To prepare a project based on his/her industry learning.

Catalogue Description

This course is design for giving fashion industry exposure as per student's interest areas like garment export house/Retail house etc. student can choose any on Field for 30 day's internship programme.

Course Content

Note- 30 day's internship programme. Document/ internship report submission after internship.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	To involve students with fashion industry professional.	PO2
CO2	To enhance their practical knowledge.	PO3
CO3	Students will participate in the ongoing activities of the organization as advised by the industry mentor.	PO5
CO4	Collect the required information and prepare a written report to be presented in the department.	PO7
CO5	To prepare a project based on his/her industry learning.	PO4

Course	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills

Code											
ADFD357	SUMMER TRAINING -I		3	3	3	3		2	3		2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD359	CRAFT DESIGN & RESEARCH PROJECT	L	T	P	S	C
Version 1.3		0	2	4	0	4
Pre-requisites/Exposure	Knowledge of craft & cluster design					
Co-requisites						

Course Objectives:

To gain knowledge about the Indian Craft and Cluster Design Process & promote Indian artesian & Indian craft at global level.

Course Learning Outcome:

On completion of this course, the students will be able to

CO1: Student will understand and appreciate traditional crafting techniques

CO2: This course will give detailed overview to the learners about various traditional Indian crafts with in depth focus on understanding of the craft, the crafts community.

CO3: Student will gain knowledge of the crafts design process, raw materials and supply chain.

CO4: This course focuses on field, hands on experience of the craft clusters from concept to development of product.

CO5: The knowledge gathered from on field research and practical, will be channelized in creation of a design collection using the learnt craft techniques.

Catalogue Description

India has a rich heritage of traditional crafts. This course will give detailed overview to the learners about various traditional Indian crafts that are practiced across the country. This course focuses on field, hands on experience of the craft clusters from conception to creation of handmade products. They will be exposed to real life work place with master craftsman with an aim to learn the technicalities and design process of a selected craft. The knowledge gathered from on field research and practical, will be channelized in creation of a design collection using the learnt craft techniques.

Course Content

List of Experiments

Unit-I 10 Lecture
 Identification of Craft for Project research and documentation. To understand the importance and concept of Traditional Craft and how it binds our culture.

Identification of research topics within the craft.

Research on favorable Crafts/ Cluster (locations wise where students can travel to learn the craft). Create database of local representatives for the craft with the persons photograph and contact details.

Unit-II 10 Lecture

Understanding the local craft from concept to creation.

Documentation of complete manufacturing processes, finishing and presentation.

Development of design conceptualization boards based on selected cluster.

Unit-III 10 Lecture

Flat sketch, Fashion illustration with draping of garment. Final sketches, Fabric swatches, Trims, Ornamentation.

Making of toils (muslin pattern) for the selected collection.

Presentation & Feedbacks of theme & Survey.

Unit-IV 10 Lecture

Co-ordinate accessories of selected theme.

Final collection of selected theme ('4' Garment).

Photo-shoot and Look Book preparation.

Client Presentation CAD (Clo 3D).

- **Note:** (15 Days) survey to any selected state cluster. Carry all important documentation equipment, like camera, notebooks, (optional –recording audio/video), local guide no, emergencies no etc. Each student must work on craft based Design Project and develop a women's wear / Men's wear based on his or her design philosophy, for a well-defined customer profile.

Additional Resources:

- www.style.com
- www.wgsn.com

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination. Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs

	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Student will understand and appreciate traditional crafting techniques	PO1
CO2	This course will give detailed overview to the learners about various traditional Indian crafts with in depth focus on understanding of the craft, the crafts community.	PO1
CO3	Student will gain knowledge of the crafts design process, raw materials and supply chain.	PO3
CO4	This course focuses on field, hands on experience of the craft clusters from concept to development of product.	PO5
CO5	The knowledge gathered from on field research and practical, will be channelized in creation of a design collection using the learnt craft techniques.	PO4,PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD359	Craft design & research project	3		3	3	3		3	3	3	3

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD302	FASHION PROMOTION & COMMUNICATION	L	T	P	S	C
Version 1.3		3	1	0	0	4
Pre-requisites/Exposure	Basic Knowledge of fashion journalism					
Co-requisites						

Course Objective:

This course is designed for students to develop careers in the fashion industry as fashion journalists (in print, digital or television), fashion photographers. This course will give understanding about films, styling, PR and events that will be really helpful for students how to wants to work in fashion advertising- fashion media, film & television.

Course Learning Outcome:

On completion of this course, the students will be able to

CO1: This course is designed to encompass knowledge of fashion communication through the methods of PR, Advertising, Fashion photography and Event management etc.

CO2: Students will learn different types of lighting such as one point, two point and three-point lighting in this course.

CO3: This course will learn how to maintain public relation, how to do brand positioning and brand building of the

products and the company will be done.

CO4: Students will also learn to design exhibitions and events for the particular brand.

CO5: Students will acquire the knowledge of basics parts of a professional camera, rules of composition of frames in photography, camera shots and camera angles to represent their idea in an effective manner.

Catalogue Description

The students after studying this course will be able to develop career in fashion industry as fashion journalist in print, digital or television media. This course is designed to encompass knowledge of fashion communication through the methods of PR, Advertising, Fashion photography and Event management etc. Photography is used in different beats of journalism to enhance the impact of the news and by the help of this course; students can use this tool to show their creativity.

Course Content

UNIT I

8 lecture

Introduction to Fashion communication: Fashion media, fashion writers, fashion critics, fashion reporter, fashion journalism for internet and broadcast media research, corporate journalism, events planning and Exhibit design.

UNIT II

8 lecture

Public relations, brand management (brand positioning, brand building and measuring) as applied to the fashion system, luxury fashion brands, strategies and public relations specific to luxury fashion, Event design tools and principles for fashion/luxury brands.

UNIT III

10 lecture

Introduction to camera: Basic parts of a professional camera and its function, Principles of composition, Basic principles of photography, types of lenses, Focal point and its uses, viewpoint & camera angle.

UNIT IV

14 lecture

Fashion styling, shooting with models and makeup artists, Lighting techniques – Indoor model photography, outdoor model photography, Photojournalism: Role and impact of a photograph in print media, Review and analysis of some outstanding photographs, Photo editing- selection of photograph, cropping, caption writing.

Textbook:

1. Jethwaney, Jaishri N. "Public Relations" (3rd Edition) ND: Sterling.

Reference Books:

1. "Effective Public Relations" Prentice Hall, New Delhi Center Cutlip S. M. & A. H.
2. "Corporate Communication for Managers" Pitman Publishing. Jackson, Pitman
3. "Handbook of Public Relations in India" Allied Publishers Pvt. Ltd. Mumbai. Mehta D. S.
4. Langford, Michael. (2000) "Basic Photography" (7th Edition) Focal Press, Private Limited.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination. Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	This course is designed to encompass knowledge of fashion communication through the methods of PR, Advertising, Fashion photography and Event management etc.	PO1
CO2	Students will learn different types of lighting such as one point, two point and three-point lighting in this course.	PO2,PO3
CO3	This course will learn how to maintain public relation, how to do brand positioning and brand building of the products and the company will be done.	PO5
CO4	Students will also learn to design exhibitions and events for the particular brand.	PO5,PO4
CO5	Students will acquire the knowledge of basics parts of a professional camera, rules of composition of frames in photography, camera shots and camera angles to represent their idea in an effective manner.	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD302	Fashion promotion & communication	3	3	3	3	3		3	3	2	2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD304	QUALITY CONTROL IN TEXTILE & APPAREL	L	T	P	S	C
Version 1.3		3	1	0	0	4
Pre-requisites/Exposure	Knowledge of quality analysis and assurance of the garment label.					
Co-requisites						

Course Objectives:

- To impart knowledge about the assessment of the quality analysis and assurance and understanding of the garment labels as well as the rights and responsibilities of consumers.
- To impart knowledge about the tests and standards set in the garment industry on which products are evaluated.

Course Outcomes:

On completion of this course, the students will be able to

- CO1. Evaluate the quality of garments based on various criteria.
CO2: Explain the quality control and assurance process in apparel industry.

CO3: Evaluate the quality standards as per the specification.

CO4: Interpret the labels attached to garments particularly the wash and care labels.

CO5: Evaluate the textile testing methods and processes.

Catalogue Description

This course is to introduce the fundamental concepts and techniques of quality control, how to apply them in apparel industry and techniques of production management. How to apply them in the apparel industry. The main objectives of quality control are: to identify and mark fabric faults on the fabric, to decide to cut the fabric lot or not, to increase productivity of the cutting department. Quality first products require quality piece goods.

Course Content

UNIT I

12 lecture

Introduction –Definition of quality, Quality control and its necessity, inspection and its importance – functions of inspection, systems of inspection, types of inspection –hundred percent inspection, sampling inspection & AQL standards, Quality assurance, Difference between quality assurance and quality inspection.

UNIT II

8 lecture

Quality standards, statistical quality control– control charts, applications, sampling, importance, and use of sampling techniques. Total quality management, basic production systems – principles for choosing a production system, production control.

UNIT III

10 lecture

Apparel classification and categories. Understanding procedures in sampling and sample development, different stages of samples and their requirements from Proto to Shipment sample Proto, fit, size set, pre-production, TOP, sealer etc. Care labelling of apparel and textiles.

UNIT IV

10 lecture

Textile Testing & Product Evaluation, Quality control for fabrics – different types of defects in fabrics – major and minor faults, Precision & Accuracy of Test Methods- Atmospheric conditions for testing, Strength properties of apparel, Fabric stretch properties, Dimensional changes in apparel due to laundering, Bow and skew ness, Soil and stain release testing, Abrasion resistance, Colour fastness, Testing of fusible interlinings.

Textbook:

1. Sara J.Kadolph, 'Quality Assurance for textiles and apparel', 1st edition, Fairchild Books, 1998
2. Pradip V Mehta, SatishK.Bharadwaj, 'Managing quality in the apparel industry', New Age International, 01-Jan-1998

Reference Books:

1. Grover E G and Hamby D. S "Handbook of Textile Testing and Quality Control", Wiley Eastern Pvt. Ltd., New Delhi, 1969.
2. Kothari V. K. "Testing and Quality Management" Volume 1, IAFL Publications, New Delhi.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination

Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Evaluate the quality of garments based on various criteria.	PO1
CO2	Explain the quality control and assurance process in apparel industry.	PO6

CO3	Evaluate the quality standards as per the specification.	PO4,PO3
CO4	Interpret the labels attached to garments particularly the wash and care labels.	PO4
CO5	Evaluate the textile testing methods and processes.	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD304	Quality control in Textile & Apparel	3		2	3		2	3	3		2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD354	PATTERN GRADING	L	T	P	S	C
Version 1.3		0	0	4	0	2
Pre-requisites/Exposure	Understanding about apparel grading system					
Co-requisites						

Course Objectives:

1. Pattern grading is necessary for a designer to make garments for a fashion line for different body types.
2. With grading, a student learns how to size up or size down for final pattern. Grading also helps in adapting the size of a pattern to a person's changing body size

Course Outcomes:

On completion of this course, the students will be able to

- CO1. Explain the methods of developing Grading patterns
 CO2: To understand overview of pattern Grading method
 CO3: Demonstrate advance proficiency in pattern development

Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD 354	Pattern grading Lab	3	3		3	3			3	3	

1=weakly mapped,2= moderately mapped,3=strongly mapped

Semester -VII

ADFD401	Dissertation Project	L	T	P	S	C
Version 1.0		6	2	4	4	12
Pre-requisites/Exposure	Fashion Industry & research exposure					
Co-requisites						

Course Objective:

To gain practical knowledge of various departments workflow in apparel and textile industry & to gain hands on experience of working in a professional manner.

Course Learning Outcome:

On completion of this course, the students will be able to

CO1: To involve students with fashion industry professional.

CO2: To enhance their practical knowledge.

CO3: Students will participate in the ongoing activities of the organization as advised by the industry mentor.

CO4: Collect the required information and prepare a written report to be presented in the department.

CO5: To prepare a project based on his/her industry learning.

Catalogue Description

This course is design for giving fashion industry exposure as per student's interest areas like designing, merchandising, styling, visual merchandiser, social media marketing, graphic designing etc. student can choose any on Field for 6 month's internship programme.

Course Content

Note- 6 month's internship programme.

- Document/ internship report & product range development submission after internship.
- Or
- Research based Dissertation Project documentation & submission in UGC approved Journal.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination. Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	To involve students with fashion industry professional.	PO5
CO2	To enhance their practical knowledge.	PO2,PO3
CO3	Students will participate in the ongoing activities of the organization as	PO4

	advised by the industry mentor.	
CO4	Collect the required information and prepare a written report to be presented in the department.	PO6
CO5	To prepare a project based on his/her industry learning	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD401	Dissertation Project		3	3	3	3	3	3	3	3	2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD403	Fashion Entrepreneurship Skills	L	T	P	S	C
Version 1.3		3	1	-	-	4
Pre-requisites/Exposure	Understanding about start-up business					
Co-requisites						

Course Objective:

Basic objective of the course is to develop entrepreneurship skills among the students.

To familiarize the students with the process and procedure of setting up new enterprises

Course Outcomes:

On completion of this course, the students will be able to

- CO1.This course develops an entrepreneurial mind-set to evaluate opportunities for new business in the fashion industry.
 CO2.Student will develop research and creatively solve problems, demonstrating expert judgment.
 CO3.Student will understand the ethical responsibility relating to your professional practice in fashion entrepreneurship.
 CO4. Student will analyze, synthesize and reflect on complex theories and recent developments.
 CO5.Student will get acquire professionally communicate propositions, processes and outcomes.

Catalogue Description

This course helps develop an entrepreneurial mind-set to evaluate opportunities for new business in the fashion industry. You will explore ways to investigate the viability of these opportunities by undertaking an industry analysis, understanding key competitive factors that drive the creation of new fashion ventures, while taking into consideration new business models and customer value. You will also network with entrepreneurs across a range of different industries to develop your potential capacity as a fashion entrepreneur.

Course Content**UNIT I****12 lecture hours**

Introduction to Entrepreneurship, Entrepreneur – Enterprise, development of entrepreneurship, role of entrepreneur's in development of apparel and fashion industry, Qualities of good Entrepreneur, Characteristics of the Entrepreneur.

UNIT II**8 lecture hours**

Entrepreneurial support by state, central financial institutions, organizations, Government policies with reference to textile and apparel industry, Self- employment and the labour market, Financial Analysis & Means of Financing.

UNIT III**12 lecture hours**

6 M's of an Entrepreneurship- Management, Money, Manpower, Materials, Machines, & marketing, Factors influencing entrepreneurial development – Environment, Psychological, Socioeconomically, Legal, Business planning - Starting a new venture related to apparel industry, essentials of a successful centre, Formalities of opening a firm, the status of firm, individual proprietor/partnership/ Pvt. limited company & public Ltd Company.

UNIT IV**8 lecture hours**

Location & plant layout- factors influencing plant location, building, structure, lighting, ventilation, material handling, availability of labour, material management and transportation, Plant layout, ergonomics safety & security to be considered while planning the layout, Cash flow statement.

Textbook: -

1. Panda, "ShibaCharan, Entrepreneurship Development", Anmol Publications.

Reference Books:

1. Mohanti, Sangram Keshari. (2009) “Fundamentals & Entrepreneurship” PHI learning.
2. Terry & Franklin, (2002)“Principles of Management”, AITBS.
3. Desai, Vasanth.(2009) “The dynamics of entrepreneurial development & Management” (6th edition) Himalaya publish house.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination. Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	This course develops an entrepreneurial mind-set to evaluate opportunities for new business in the fashion industry.	PO1
CO2	Student will develop research and creatively solve problems, demonstrating expert judgment.	PO5
CO3	Student will understand the ethical responsibility relating to your professional practice in fashion entrepreneurship.	PO3,PO7
CO4	Student will analyze, synthesize and reflect on complex theories and recent developments.	PO5
CO5	Student will get acquire professionally communicate propositions, processes and outcomes.	P06,PO4

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD403	Fashion Entrepreneurship Skills	3		2	3	3	3	3	3		2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD451	SUMMER TRAINING -II	L	T	P	S	C
Version 1.3		2	-	-	-	2
Pre-requisites/Exposure	Advance fashion design industry exposure					
Co-requisites						

Course Objective:

To gain practical knowledge of various departments workflow in apparel and textile I industry & to gain hands on experience of working in a professional manner.

Course Learning Outcome:

On completion of this course, the students will be able to

CO1: To involve students with fashion industry professional.

CO2: To enhance their practical knowledge.

CO3: Students will participate in the ongoing activities of the organization as advised by the industry mentor.

CO4: Collect the required information and prepare a written report to be presented in the department.

CO5: To prepare a project based on his/her industry learning.

Catalogue Description

This course is design for giving fashion industry exposure as per student's interest areas like designing, merchandising, styling, visual merchandiser, social media marketing, graphic designing etc. student can choose any on Field for 60 day's internship programme.

Course Content

Note- 60 day's internship programme. Document/ internship report & product design submission after internship.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination. Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	To involve students with fashion industry professional.	PO4
CO2	To enhance their practical knowledge.	PO3
CO3	Students will participate in the ongoing activities of the organization as advised by the industry mentor.	PO5
CO4	Collect the required information and prepare a written report to be presented in the department.	PO4,P06
CO5	To prepare a project based on his/her industry learning	PO2.PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
AFD451	Summer training -II		3	3	3	3	3	3	3	3	3

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD453	ART OF DRAPING	L	T	P	S	C
Version 1.3		-	-	4	-	2
Pre-requisites/Exposure	Understand of Draping techniques					
Co-requisites						

Course Objective:

To understand the method of draping & learn how to drape bodice, sleeve, skirts & cowl necks. Develop three-dimensional design ideas through draping of muslin on a body form. Evaluation of existing garments and/or sketches to determine appropriate draping techniques needed to develop design.

Course Learning Outcomes:

On completion of this course, the students will be able to

CO1: To learn the basic draping terminology & fabric preparation for draping & concept of draping art.

CO2: To enable students to handle various types of fabrics and develop their own designs into a draped garment

CO3: Be able to appreciate the importance of the grain of the fabric in relation to design Style read a given design and prepare a dress for the same

CO4: Create basic blocks like, bodice, skirt and trouser using draping method & able to convert flat fabric into a garment with proper fit

CO5: Learn to develop new design by using your creativity.

Catalogue Description

The course focuses on the process and stages involved in Draping. Draping for fashion design is the process of positioning and pinning fabric on a dress form to develop the structure of a garment design. A garment can be draped using a design sketch as a basis, or a fashion designer can play with the way fabric falls to create new designs at the start of the apparel design process. In draping process, Pieces of muslin are cut and prepared. This includes measuring, tearing, blocking, pressing, and marking grain lines and other important reference lines.

Course Content**List of Experiments****Unit-I**

To understand the terminology of draping, dummy preparation, muslin preparation for draping.
Drape basic bodice block- front & back, with one & two dart combination.

Unit-II

Dart manipulation through draping – french dart, centre front waist dart, side seam dart, mid neck dart, cluster dart, gather dart etc.

Drape basic sleeve, basic straight skirt front & back, basic trouser, basic torso.

Unit-III

Drape Any 2 variation of skirt, torso dress, top & trouser

Drape basic princess bodice front & back, drape a corset princess bodice.

Unit-IV

Drape cowl neck front, twist and knots front dress / top.

Pleated saree drape, a casual saree drape, gujarati style saree drape, pant style saree drape.

Reference Books:

1. Helen Joseph Armstrong, (1999) Title of the Book, Draping for Apparel Design.
2. Karolyn Kiise, (1 October 2013) Draping: The Complete Course.
3. Hilde Jaffe, Professor Emeritus, (27 October 1999) Draping for Fashion Design, 5th Edition, Fashion Institute of Technology.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination. Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	To learn the basic draping terminology & fabric preparation for draping & concept of draping art.	PO1
CO2	To enable students to handle various types of fabrics and develop their own designs into a draped garment	PO3
CO3	Be able to appreciate the importance of the grain of the fabric in relation to design Style read a given design and prepare a dress for the same	PO5,PO2
CO4	Create basic blocks like, bodice, skirt and trouser using draping method & able to convert flat fabric into a garment with proper fit	PO6,PO7
CO5	Learn to develop new design by using your creativity.	PO4

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD453	ART OF DRAPING	2	3	3	3	3	3	3	3	3	3

1=weakly mapped,2= moderately mapped,3=strongly mapped

Semester –VIII

ADFD452	Graduation Design Collection	L	T	P	S	C
Version 1.0		-	4	4	8	10
Pre-requisites/Exposure	Fashion Industry oriented design collection					
Co-requisites						

Course Objectives:

1. To impart knowledge concentrates on developing a collection.
2. To teach students about the conceptualization of design and to construct a collection.

Course Outcomes:

On completion of this course, the students will be able to

CO1: To gain research, analyse, appraise and synthesize appropriate contextual information related to one's design collection.

CO2: Be able to identify and communicate clear aims and objectives related to the client and user requirements.

CO3: Be able to demonstrate the ability to follow the design process to develop a design collection.

CO4: To impart practical skills for presentations of Design Collection.

CO5.To gain emphasizes an original yet commercial realistic approach towards the collection, plan for fashion show.

Catalogue Description

This course will give the learner an opportunity to creative presentation of the students design capabilities coupled with technical skills. It is an opportunity to realize design potential within the parameter of a time-frame by dedicated research, development and execution of a small, commercial or conceptual collection. Design collection is the final result of combination of all the inputs received during the preceding semesters.

Course Content**List of Experiments****Unit -I**

Research on the topic selected/ Selection of Themes of Collection.

Fashion Forecasting and color Forecasting, Use of online service for forecasting.

Selection of Mood board, story board, fabric development, design development & range development.

Submission: All types of Boards Like Mood board, story board, Color Board

Unit -II

Making of toils (Muslin patterns) and the final product in the form of a design collection

Development of Different Surface Ornamentation (Dyeing, printing, embroidery, Fabric on fabric)

Knowledge of raw materials and processes that make up a fabric, Development of different types of fabrics

Submission: Preparation Fabric Swatches

Unit -III

The students will develop the patterns of the range based on the creative pattern making / advance draping methods.

The students will construct the range based on the required Construction techniques.

Technical Details, Working Drawings, development of spec, flat sketch and costing

Submission: Deavelop Patterns Variation

Unit -IV

Prepare Final Design Collection

Fashion Photography. Fashion dressing – makeup- indoor, outdoor, hairstyle

Self-grooming- Introduction, importance and application.

Submission : Prepare Final Design Collection

Note:Showcase their collection through fashion show / exhibition (both).

Reference Books:

1. Faerm, Steven, (2012) “Design your fashion portfolio” A&C Black Publisher.
2. Fulkner, Andrew & Chaez, Conrad. (2015) “Classroom in a book”

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	To gain research, analyses, appraise and synthesize appropriate contextual information related to one’s design collection.	PO3
CO2	Be able to identify and communicate clear aims and objectives related to the client and user requirements.	PO6
CO3	Be able to demonstrate the ability to follow the design process to develop a design collection.	PO2
CO4	To impart practical skills for presentations of Design Collection.	PO4,PO5
CO5	To gain emphasizes an original yet commercial realistic approach towards the collection, plan for fashion show.	PO7

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD452	Graduation design collection		3	3	3	3	3	3	3	3	2

1=weakly mapped,2= moderately mapped,3=strongly mapped

ADFD454	ADVANCE GARMENT CONSTRUCTION LAB	L	T	P	S	C
Version 1.4		-	-	6	3	6
Pre-requisites/Exposure	Understanding advanced drafting and construction for Women's and Men's Wear					
Co-requisites						

Course Objective:

To develop understanding of Women's and Men's Wear pattern making and construction in fashion industry.
To familiarize the students with the concept of Patterns variation for fashion Industry.

Course Outcomes:

On completion of this course, the students will be able to

CO1: Advanced pattern drafting and manipulation.

CO2: Advanced Sewing Techniques

CO3: Analyse different body types and identify problem areas and rectify them.

CO4: Compare the different types of pattern layouts and construct them.

CO5: To develop the range of patterns for Women's and Men's Wear

Catalogue Description

This course will give the learner to relate Female and male body shapes to patterns and understand control points of control in each pattern to achieving desired fit. In this course the learner understands scientific way to manipulating patterns to achieve the desired style line of Female and male outfits. Through such skill domain students will enable to generate well-fitting patterns of creative & innovative designs and manipulate them to achieve desired style line of any outfit.

Course Content**List of Experiments****Unit-I**

Introduction to advanced stitching methods, Fabric manipulation techniques

Dart manipulation and control, Understanding and creating complex patterns

Female Shirts - Drafting of female shirt - Adaptation of the female shirt to various styles - Developing patterns and construction of the various styles (3 styles)

Unit-II

Female Trousers - Drafting of Female trousers - Adaptation of Female trousers to various styles - Developing patterns and construction of the various styles (3 styles)

Unit-III

Male Shirt- Drafting of Male Shirt - Adaptation of male Shirt to various styles - Developing patterns and construction of the various styles (3 styles)

Unit-IV

Jacket Variation Female- Developing patterns and construction of the various styles (3 styles)

Jacket Variation Male - Developing patterns and construction of the various styles (3 styles)

Final Submissions:

Construction of 1 Creative Female dress

Construction of 1 Creative Male dress

Reference Books:

Helen Joseph Armstrong, 2009“Patternmaking for Fashion Design”, Pearson, Fifth edition

Gareth Kershaw (7 Oct. 2013), “Pattern Cutting for Menswear”, first edition.

Metric pattern cutting for women’s wear, 3rd edition, Winifred Aldrich, Blackwell publishing.

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Advanced pattern drafting and manipulation.	PO1
CO2	Advanced Sewing Techniques	PO7
CO3	Analyse different body types and identify problem areas and rectify them	PO2
CO4	Compare the different types of pattern layouts and construct them.	PO3
CO5	To develop the range of patterns for Women’s and Men’s Wear	PO5

ADFD456	FASHION PORTFOLIO DEVELOPMENT	L	T	P	S	C
Version 1.3		-	0	4	-	4
Pre-requisites/Exposure	Understanding of Manual portfolio					
Co-requisites						

Course Objectives:

To develop a portfolio that reflects an individual student's design philosophy and display the various Designs.
Develop a portfolio that reflects a student's design philosophy and displays various designs.

Course Outcomes:

On completion of this course, the students will be able to

CO1. Students will understand importance and different ways of presentation of a collection.

CO2. To display the various projects and assignments undertaken by the student.

CO3. To emphasis on all kind of creative skills like free hand drawing, rendering, doodling art, surface ornamentation-based textile product etc.

CO4. Students will make poster/Banner for the events with suitable theme on CAD.

CO5. Student will prepare video, PPT & file documentation for representing his / her best professional skills in terms of design & communication.

Catalogue Description

The course offers students to the process of portfolio preparation. With an aim to assist students in creating customized and dynamic portfolios, the course will include fundamentals of portfolio development which will include: Concept, Styles, and Layouts, Design formats, Mounting and presenting work. The journey of portfolio creation will be captured by including the initial designs, research methodologies, rough sketches, written documents etc. All of which will give a step by step insight into the entire process of creating a final design work

Course Content**List of Experiments****Unit-I**

Write up on Design philosophy.

Prepare designer CV.

Prepare 3 product on different kind of crafts.

Unit-II

Prepare 10 different type of illustration artwork like doodling, paper art, free hand drawing etc. That will represent the creative thinking.

Work on 6 different categories – office wear, ethnic wear, wedding wear, red carpet look, beach wear, street wear. Prepare all boards - Mood board, Story board, Client board, Color Boards, Swatch Card, Embellishment/print board, Trims/accessory board.

Unit-III

Illustration sheet, Flat specs, and cost sheet.

Prepare 3 garments based on your any three collections.

Do photo-shoot of your 3 garments.

Unit-IV

Makeup photo-shoot

Styling photo-shoot

Prepare a PPT & video of your whole design work.

Reference Books:

Faerm, Steven, (2012) “Design your fashion portfolio” A&C Black Publisher.

Fulkner, Andrew & Chaez, Conrad. (2015) “Classroom in a book”

Modes of Evaluation: Quiz/Assignment/ presentation/ extempore/ Written Examination, Examination Scheme:

Components	Quiz	Assignment/ Presentation	Mid Term Exam	Attendance	End Term Exam
Weightage (%)	10	10	20	10	50

Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
	Course Outcomes (COs)	Mapped Program Outcomes
CO1	Students will understand importance and different ways of presentation of a collection.	PO2
CO2	To display the various projects and assignments undertaken by the student.	PO6,PO7
CO3	To emphasis on all kind of creative skills like free hand drawing, rendering, doodling art, surface ornamentation-based textile product etc.	PO2,PO3
CO4	Students will also make poster/Banner for the events with suitable theme on CAD.	PO5
CO5	Student will prepare video, PPT & file documentation for representing his / her best professional skills in terms of design & communication.	PO7,PO4

		Design and Integration	Drawing Work	Critical Analysis	Employability and Interdisciplinary Approach	Conduct	Communication and Teamwork	Life-long learning	Application of Concepts	Innovation and Industry Friendly	Ethics and Communication Skills
Course Code	Course Title	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
ADFD456	Portfolio development		3	3	3	3	3	3	3		2

1=weakly mapped,2= moderately mapped,3=strongly mapped

Annexure-A

Annexure									
BACHELOR OF DESIGN									
Year 2022-26 (Scheme of Studies)									
SOAD					SOAD				
BACHELOR OF DESIGN									
ODD SEMESTER					EVEN SEMESTER				
Year	S.No.	Course Code	Course Title	L	T	S	P	C	
First	1	CC	SFFD101A	Fibre to Yarn Studies	4	-	-	-	4
	2	CC	SFFD103A	Fundamental of Design	4	-	-	-	4
	3	CC	SFFD151A	Pattern Making-I Lab	-	-	-	-	4
	4	SEC	SFFD153A	Fashion Model Drawing Lab	-	-	-	-	4
	5	SEC	SFFD155A	Surface Ornamentation	-	-	-	-	4
	6	AECC	UCCS155A	Communication Skills	4	-	-	-	4
	7	GE		Open Elective - I	4	0	0	-	4
TOTAL				16	0	0	0	16	24
Second	1	CC	SFFD203A	Overview of Fashion Industry	3	1	-	-	4
	2	CC	SFFD205A	Textile Chemical Processing	3	1	-	-	5
	3	CC	SFFD251A	Sketching-I Lab	-	-	-	-	4
	4	SEC	SFFD253A	Fashion Design Software -II Lab	-	-	-	-	4
	5	SEC	SFFD255A	Garment Construction Lab	-	-	-	-	4
	6	SEC	SFFD257A	Summer Training -I	-	-	-	-	1
	7	SEC	SFFD265A	Pattern Making-II Lab	0	0	0	4	2
	8	AECC	UCDM301A	Disaster Management	3	-	-	-	3
	9	DSE		Discipline Specific Elective -I	-	-	-	-	4
	10			MOOC	-	-	-	-	2
TOTAL				9	2	4	18	27	
Third	1	CC	SFFD301A	Fashion Forecasting in Apparel Design	3	1	-	-	4
	2	CC	SFFD303A	Fashion Promotion & Communication	3	1	-	-	4
	3	CC	SFFD305A	Fashion Retail & Visual Merchandising	3	1	-	-	4
	4	SEC	SFFD369A	Pattern Making -III Lab	-	-	-	-	4
	5	SEC	SFFD353A	Craft Design & Research Project	-	-	-	-	4
	6	SEC	SFFD355A	Summer Training -II	-	-	-	-	1
	7	DSE		Discipline Specific Elective -III	2	-	-	-	6
	8	VAC	VAC111	Fashion Event Management	2	-	-	-	-
TOTAL				13	3	0	14	21	
Fourth	1	SEC	SFFD401A	Dissertation Project	-	-	-	-	20
	#REF!				0	#	0	0	20

Note: Educational Tour shall be conducted once a year in the I,II & assessed in relevance as part of various appropriate theory and studio courses	Total Hours: Lect[L]+Prac[P]+Stud[S]+Tut[T]	212
	Total Credits	177

Students can choose Mooc courses in each semester during the duration of programme from the pool of courses provided by UGC_Swayam/edx/coursea etc.

Open Elective-I								
	L	T	S	P	C			
1	GE	SFFD109A	Home Textile	4	0	0	0	4
2	GE	SFFD111A	Fashion Design & Development	4	0	0	0	4

Open Elective -II								
	L	T	S	P	C			
1	GE	SFFD110A	Import- Export Management	4	0	0	0	4
2	GE	SFFD112A	Fashion Accessories Design	4	0	0	0	4

Discipline Specific Course - I								
	L	T	S	P	C			
1	DSC	SFFD269A	Indian Embroideries & Textiles Craft	2	0	0	6	4
2	DSC	SFFD271A	Western Embroideries & Textiles Craft	2	0	0	6	4

Discipline Specific Course - II								
	L	T	S	P	C			
1	DSC	SFFD258A	Technical Design Based Project	0	0	4	0	4
2	DSC	SFFD260A	Surface Ornamentation Based Project	0	0	4	0	4

Discipline Specific Course - III								
	L	T	S	P	C			
1	DSC	SFFD361A	Activewear Design	0	0	4	0	4
2	DSC	SFFD363A	Lingerie Design	0	0	4	0	4

Discipline Specific Course - IV								
	L	T	S	P	C			
1	DSC	SFFD350A	Fashion Portfolio Development	0	0	4	0	4
2	DSC	SFFD352A	Graphic Portfolio Development	0	0	4	0	4

Value Added Courses					
	L	T	P	C	
1	VAC101	SELF DEVELOPMENT	2	-	-
2	VAC103	PROFESSIONAL ETHICS	2	-	-
3	VAC104	ETIQUETTE FOR PROFESSIONALS	2	-	-
4	VAC105	CITIES FOR PEOPLE	2	-	-
5	VAC106	INDIAN CONSTITUTION	2	-	-
6	VAC107	KNOWLEDGE	2	-	-
7	VAC108	BOUTIQUE MANAGEMENT	2	-	-
8	VAC109	BEHAVIOR	2	-	-
9	VAC110	TIME MANAGEMENT	2	-	-
10	VAC111	FASHION EVENT MANAGEMENT	2	-	-
11	VAC112	WRITING AND PRESENTATION	2	-	-