

**MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

**FASHION DESIGNING & TECHNOLOGY**



**MATS University**  
**SCHOOL OF FASHION DESIGNING**  
**&**  
**TECHNOLOGY**  
**PROGRAMME NAME**  
**BACHELOR OF SCIENCE**  
**IN**  
**FASHION DESIGNING & TECHNOLOGY**

**PROGRAMME CODE 0501FD**

**REGULATIONS**

**SCHEMES OF STUDY AND SYLLABI**

**EFFECTIVE FROM THE ACADEMIC YEAR 2022**

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

### **Introduction:**

Indian Fashion industry has been exposed to the world's finest expertise, technologies with the liberalization of economy. The course is formulated to train students to excel in fashion designing. The programme imparts training in areas of design, management, technology, apparel manufacturing. The application of computers in the field is also made aware of to the student. The students are exposed to many practical areas where today India is playing a dominating role in fashion industry.

The students are not only given a technical guidance about the fashion industry and the concepts of fashion technology but also given opportunities to excel in related areas like export management and merchandising which makes students competitive in this changing environment and given them an opportunity to re skill themselves in the future.

### **1. Scope and Content**

**1.1** The Regulation and Policies documented here are applicable for all full-time Under Graduate Programme offered by MATS University, Raipur.

**1.2** The user of this document is notified to go through the content scrupulously. There are certain Regulations and Policies, which would be applicable only for certain programme. As such the applicability of their Regulation and Policies must be understood in the content of the given Course Matrix and Syllabus of each programme.

**1.3** The Regulation and Policies given here are in addition to the rules and regulation notified at the time of admission.

**1.4** The authorities of university may modify, add, delete, expand or substantiate any part of the Regulation and Policies without the prior approval of the student.

### **2. Course Content**

The programme shall be for duration of VIII semesters, spread out in four years honours. Each semester of the programme shall consist of either all or some of the following components:

- a) Major Subjects- Disciplinary & Interdisciplinary**
- b) Minor Subjects- Disciplinary & Interdisciplinary**
- c) Vocational Studies**
- d) Internships/Field Projects**

### **3. Eligibility for Admission and Mode of Selection**

**3.1** The minimum qualification required to be eligible for admission is a pass in the HSC or 10+2 examination of a Board of a State Government, or a course recognized as

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equivalent there to buy the University, desirably with the relevant or related subjects as one of the subjects of study.

- 3.2** The method of selection for the course shall normally by means of a Personal interview. However, the admission might also by means of an entrance test.

### **4. Attendance and Examination**

A student is eligible to appear for the term-end examinations, only if he/she has put in a minimum of 75% attendance in each subject individually.

### **5. Assessment and Examination**

#### **5.1 Assessment of Project Work**

The project work will be evaluated 70% of the total marks for project work and 30% will be evaluated on the basis of viva voce

#### **5.2 Eligibility to Appear for the Term-End Exam**

The project work will carry 50/100/200 marks (maximum). Of this, 70 % marks are for the Study/report and 30 % marks will be awarded for performance in the viva-voce examination.

### **6. Maximum period for the complement of the Programme**

The maximum period for the completion of the programme shall be five years from the date of joining the programme.

### **7. General Guidelines**

#### **7.1 Academic Integrity and Ethics**

**a.** Students who have committed an act of academic dishonesty will be deemed to have failed to meet a basic requirement of satisfactory academic performance. Thus, academic dishonesty is not only a basic for disciplinary action but also is relevant to the evaluation of student's level of performance and progress.

**b.** Where there has been violation of the basic ethos and principles of academic integrity and ethics, the Director/Board of Examiners/Course coordinator may use their discretion in terms of disciplinary action to be taken.

**c.** Academic dishonesty includes, but is not necessarily limited, to the following:

**I.** Cheating or knowingly assisting another student in committing an act of cheating;

**II.** Unauthorized possession of examination materials, destruction or hiding of relevant Materials;

**III.** Act of plagiarism; unauthorized changing of marks or marking on examination records.

#### **7.2 Attendance**

**a.** Student are required to attend and participate in all scheduled class sessions, guest lecturer, workshops, outbound learning programs and club/ forum activities of both academic and non-academic nature.

**b.** Students may be dropped from the programs due to excessive and non-intimated absences.

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- c. Students must notify the program coordinator in writing, the reasons for absence, if any, from class sessions, activities and assessment components.
- d. On notification of absences ( including anticipated absences) , the Director/ Programmer coordinator would determine whether the absences could be rectified or whether it is possible to satisfactorily complete the subject with the number of identified absences.

### **7.3 General**

- a. The students are expected to spend a considerable amount of time in research, reading and practice.
- b. All students are expected to develop and maintain a positive profession attitude and approach throughout the Programme and in conduct of all other activities.
- c. Attendance alone is not sufficient. Students are expected to participate, to help the class learn and understand the topics under consideration.
- d. Food and drinks are not permitted in the classroom / conference hall.
- e. All students are expected to dress as per stipulated dress code.

### **7.4 Passing Criteria**

- Semester/cumulative grade point average SGPA/CGPA.
- The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a students in all courses taken by a student and the sum of the number of credits of all the courses undergone by a student ,i.e.

$$SGPA (S_i) = \sum(C_i \times G_i) / \sum C_i$$

Where  $C_i$  is the number of credits of the  $i$ th course &  $G_i$  is the grade point scored by the student in the  $i$ th course.

- The CGPA is also calculated in the same manner talking into account all the courses undergone by a student over all the semesters of a programme i.e
- $$CGPA (S_i) = \sum(C_i \times G_i) / \sum C_i$$
- Where  $S_i$  is the SGPA of the  $i$ th semester &  $C_i$  is the total number of credits in that semester.

### **7.5 Grading system is given below:-**

<b>Marks Secured</b>	<b>Grade Point</b>	<b>Letter Grade</b>
<b>80 and above</b>	<b>10</b>	<b>Outstanding(O)</b>
<b>70 and above but below 80</b>	<b>9</b>	<b>Excellent (A+)</b>
<b>60 and above but below 70</b>	<b>8</b>	<b>Very Good (A)</b>
<b>55 and above but below 60</b>	<b>7</b>	<b>Good (B+)</b>
<b>50 and above but below 55</b>	<b>6</b>	<b>Above Average (B)</b>

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<b>45 and above but below 50</b>	<b>5</b>	<b>Average (C)</b>
<b>40 and above but below 45</b>	<b>4</b>	<b>Pass(P)</b>
<b>Below 40</b>	<b>0</b>	<b>Fail (F)</b>
	<b>0</b>	<b>Absent (AB)</b>

### **Program Objective**

**PO-I:** The programme is formulated to train students to excel in fashion designing & apparel industry.

**PO-II:** The UG programme imparts training in areas of design, management, technology, apparel manufacturing.

**PO-III:** The application of computers in the field is also made aware of to the student in computer added designing.

**PO-IV:** The students are exposed to many practical areas where today India is playing a dominating role in fashion industry.

**PO-V:** Students apply their classroom learning to industry-simulated environments, and undertake industry internship for both flat as well as creative thinking to hone their skills at leading fashion houses/ manufacturing units to improve knowledge and overcome the practical challenges faced. stylist, Fashion journalist, freelance designer, Fashion coordinator and can be a entrepreneur.

### **Program Specific Outcome**

**PSO-I:**The students are not only given a technical guidance about the fashion industry and the concepts of fashion technology but also given opportunities to excel in related areas like export management and merchandising which makes students competitive in this changing environment and given them an opportunity to re skill themselves in the future.

**PSO-II:** This versatility is evident in the final year through the graduating fashion collections; conceptualized and constructed by the students at the Design Collection showcase.

**PSO-III:** They can create a clothing line, be an entrepreneur and freelance designer etc

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**PSO-IV:** This Skill of study will enable students to understanding modes in which fashion is represented grasp the visual & verbal language of fashion appreciate fashion represents through the medium of art, literature & cinema

**PSO-IV:** Student adapts and combines the knowledge and skill of representing the fashion with chosen specialization.

### **Value Added Courses**

<b>S.No</b>	<b>PROGRAMME NAME</b>	<b>SEMESTER</b>	<b>VALUE ADDED COURSE</b>	<b>CREDITS</b>
1	BSCFDT	I	Online Google Tools	2
2	BSCFDT	II	Art Class	2
4	BSCFDT	III	Resin Art	2
5	BSCFDT	IV	Personality Development	2
6	BSCFDT	V	Market Study	2
7	BSCFDT	VI	Fashion Show	2
<b>Total</b>				<b>12</b>

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## FASHION DESIGNING & TECHNOLOGY

### FDT SEM- I

TYPE	S N	Category	SUBJECT NAME	SUBJECT CODE	CREDIT	HR/WK	L/T	A/PR E	P/PRO J	TERM END EXAM	INTERNAL MARKS	MIN. PASS MARKS	TOTAL MARKS
MAJOR	1	Theory	Design Concept & Fashion Sketching	FDT 101	4	4	4	1		70	30	40	100
	2	Theory	Fashion Fundamentals	FDT 102	2	2	2	1	1	35	15	20	50
	3	Lab	Design Concept & Fashion Sketching	FDT 103	2	4	2	1		35	15	20	50
MINOR VOCAL	4	Theory	History of Design	FDT 104	2	2	2	1		35	15	20	50
	5	Theory	Communicative English	FDT 105	2	2	2	1		35	15	20	50
	6	Theory	Elements of Design	FDT 106	2	2	2	1		35	15	20	50
	7	Lab	Introduction to Computers	FDT 107	2	4	2	1		70	30	40	100
	8	Lab	Garment Construction-I	FDT 108	2	4	2	1	1	35	15	20	50
<b>Total</b>					<b>20</b>	<b>24</b>	<b>22</b>	<b>8</b>	<b>2</b>	<b>350</b>	<b>150</b>	<b>200</b>	<b>500</b>

### Abbreviations:

**HR/WK-** Hours/Week

**L/T-** Lecture/Tutorials

**A/PR E-** Assignment/Presentation

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**FP-** Field Project

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## FASHION DESIGNING & TECHNOLOGY

### FDT SEM II

T S Y N P E	S E M	Catego ry	SUBJECT NAME	SUBJECT CODE	CREDI T	HR / W K	L/ T	A/ PR E	P / P R OJ	TERM END EXAM	INTERNA L MARKS	MIN. PASS MARKS	TOTAL MARKS
M A J O R	1	Theo ry	Pattern Making-I	FDT 201	2	2	2	1		35	15	20	50
	2	Lab	Fashion Illustration-I	FDT 202	2	4	2	1		35	15	20	50
	3	Lab	Draping & styling-Lab	FDT 203	2	4	2	1		70	30	40	100
M I N O R	4	Theo ry	Textile Science	FDT 204	2	2	2	1		35	15	20	50
	5	Theo ry	Environmental Studies	FDT 205	2	2	2			35	15	20	50
	6	Lab	Graphic Designing	FDT 206	2	4	2	1		70	30	40	100
V O C A T I O N A L	7	Lab	Garment Construction-II	FDT 207	2	4	2	1		35	15	20	50
	8	Lab	Textile Science & Wet Processing	FDT 208	4	8	4	1		70	30	40	100
F P	9	Pro	Craft Documentation (Pro)	FDT 209	2	2	2	1	1	35	15	20	50
<b>Total</b>					20	32	20	8	1	420	180	240	600

**Abbreviations:**

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## FASHION DESIGNING & TECHNOLOGY

**HR/WK-** Hours/Week

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### FDT SEM III

TYPE	SN	Category	SUBJECT NAME	SUBJECT CODE	CREDIT	HR/WK	L/T	A/PRE	P/PROJ	TERM END EXAM	INTERNAL MARKS	MIN. PASS MARKS	TOTAL MARKS
M A J O R	1	Theory	Pattern Making-II	FDT 301	2	2	2	1		35	15	20	50
	2	Lab	Embroidery& Surface Ornamentation	FDT 302	4	4	2	1		70	30	40	100
	3	Theory	Fabric Studies and Advance Draping	FDT 303	2	2	2	1		70	30	40	100
	4	Theory	Garment Manufacturing Machine	FDT 304	2	2	2	1		70	30	40	100
M I N O R	5	Lab	Fashion Photography (Pro.)	FDT 305	2	4	2	1	1	35	15	20	50
	6	Lab	Advance Draping	FDT 306	2	4	2	1		35	15	20	50
	7	Lab	Garment Construction-III	FDT 307	2	4	2	1		35	15	20	50
	8	Lab	Computer Aided Designing - I	FDT 308	2	4	2	1		35	15	20	50
<b>Total</b>					<b>18</b>	<b>26</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>385</b>	<b>165</b>	<b>220</b>	<b>500</b>

### Abbreviations:

**HR/WK-** Hours/Week

**L/T-** Lecture/Tutorials

**A/PRE-** Assignment/Presentation

**P/PROJ-** Practical/ Project

**FP-** Field Project

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## FASHION DESIGNING & TECHNOLOGY

### FDT SEM IV

TYPE	SN	Category	SUBJECT NAME	SUBJECT CODE	CREDIT	HR/WK	L/T	A/PR E	P/ P R OJ	TERM END EXAM	INTERNAL MARKS	MIN. PASS MARKS	TOTAL MARKS
M A J O R	1	Lab	Pattern Making-III	FDT 401	2	2	2	1		35	15	20	50
	2	Lab	Fashion Illustration & Art Portfolio	FDT 402	4	8	4	1		70	30	40	100
	3	Lab	Computer Aided Design – II	FDT 403	2	4	4	1		70	30	40	100
	4	Theory	Professional practices	FDT 404	4	4	4	1		70	30	40	100
M I N O R	5	Theory	Export Documentation	FDT 405	2	2	2	1		35	15	20	50
	6	Pro	Export Sampling	FDT 406	2	2	2		1	35	15	20	50
	7	Theory	Foreign Language	FDT 407	2	2	2	1		35	15	20	50
V O C	8	Lab	Garment Construction-IV	FDT408	2	4	2	1		35	15	20	50
F P	9	Project	Internship	FDT 409	2	2	2		1	35	15	20	50
<b>Total</b>					<b>22</b>	<b>30</b>	<b>24</b>	<b>7</b>	<b>2</b>	<b>420</b>	<b>180</b>	<b>240</b>	<b>600</b>

### Abbreviations:

**HR/WK**- Hours/Week

**L/T**- Lecture/Tutorials

**A/PRE**- Assignment/Presentation

**P/PROJ**- Practical/ Project

**FP**- Field Project

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### FDT SEM V

TYPE	SN	Category	SUBJECT NAME	SUBJECT CODE	CREDIT	HR/WK	L/T	A/PRE	P/PROJ	TERM END EXAM	INTERNAL MARKS	MIN. PASS MARKS	TOTAL MARKS
M A J O R	1.	Theory	Pattern Making-IV	FDT 501	4	4	2			70	30	40	100
	2	E L E C T I V E Lab	Computer Aided Design – III	FDT 502	4	8	3	1		70	30	40	100
	3	Lab	Fashion Forecast for Indian Retail	FDT 503									
	4	Lab	Design Specialization	FDT 504	2	4	2	1		35	15	20	50
M I N O R	5	E L E C T I V E	Term Garment (Pro)	FDT 505	2	4	4		1	70	30	40	100
	6		Craft Based Production Development (Pro)	FDT 506									
	7	Theory	Fashion Merchandizing& Marketing	FDT 507	2	4	4	1	1	35	15	20	50
	8	Lab	Design Collection-I	FDT 508	4	4	2		1	105	45	60	150
V O C	9	Lab	Garment Construction	FDT 509	2	4	2	2		35	15	20	50
<b>Total</b>					<b>20</b>	<b>32</b>	<b>19</b>	<b>5</b>	<b>3</b>	<b>420</b>	<b>180</b>	<b>200</b>	<b>600</b>

#### Abbreviations:

**HR/WK**- Hours/Week

**L/T**- Lecture/Tutorials

**A/PRE**- Assignment/Presentation

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## FASHION DESIGNING & TECHNOLOGY

### FDT SEM VI

S N	Categ ory	SUBJECT NAME	SUBJECT CODE	CREDI T	HR/ WK	L/T	A/ PR E	P/ P R OJ	TERM END EXAM	INTERN AL MARKS	MIN. PASS MARKS	TOTAL MARKS
1	Lab	Portfolio Presentation (Pro)-I	FDT 601	4	4	4		1	40 100	60	80	200
4	Theo ry	Apparel Quality standard & Management	FDT 602	2	2		1		70	30	40	100
5	Lab	Visual merchandising & Exhibition(Pro)	FDT 603	2	4	2		1	70	30	40	100
6	Lab	Internship – (Production House) (Pro)	FDT 604	6	0	2		1	40 100	60	80	200
	Lab	Internship – ( Retail) (Pro)	FDT 605									
<b>Total</b>				<b>14</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>3</b>	<b>420</b>	<b>180</b>	<b>240</b>	<b>600</b>

### Abbreviations:

**HR/WK**- Hours/Week

**L/T**- Lecture/Tutorials

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Following decision regarding conducting fashion show and exhibition was also taken by the member of Board of studies:

<b>S.NO</b>	<b>EVENT</b>	<b>DATES</b>
1	Fashion Show	Every year in between 20 <sup>th</sup> june - 23 <sup>rd</sup> june
2	Exhibition	Every year from 25 <sup>th</sup> june

### **MEMBERS OF BOARD OF STUDIES**

### **SIGNATURE**

1. Mrs.Parvinder Kaur,  
Chairperson,HoD MSFDT
2. Dr.Mamta Chandak,External  
Expert HoD Fashion Designing  
Govt.Girls Polytechnic Raipur
3. Mrs.Preeti Bhatt,  
Member Faculty MSFDT
4. Mr.Praveen Barlota  
External Expert  
Industrialist Director Apollo India Production House

**FASHION DESIGNING & TECHNOLOGY**

**FDT 101**

**DESIGN CONCEPT AND FASHION SKETCHING (Theory)**

**Objective:** *This subject includes understanding of schematic way of design methodology i.e. terminology of shapes design and silhouettes of garment etc. according to industry.*

**Module I**

Principles of design – Proportion – Balance – rhythm.

**Module II**

Necklines – collars – sleeves – cuffs – Waistline – bows & ties – pockets

**Module III**

Ruffles, cowls, shirring, smoking, quilting, yokes, draping, gathers, pleats, frills and flounces.

**Module IV**

Basic concepts – various scripts – methodology of design of trousers

**Module V**

Basic concepts and types of silhouettes

**Reference Books**

1. *Fashion sketch book: Bina Ablong*
2. *Encyclopaedia of fashion details*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 102**

**FASHION FUNDAMENTALS (Theory)**

**Objective:** *This subject is specifically demonstrate the basic knowledge about Fashion designing with the beginner in mind and will guide students through the design process.*

**Module-I:**

Definition, types of fashion, what is fashion designing, Various fields related to fashion, subjects of fashion designing, introduction to various subjects of fashion designing like fashion illustration, elements of design, design idea, garment construction, drafting, draping, graphic designing etc. Fashion designers- famous fashion designers, Indian fashion designers International fashion designers.

**Module-II:**

Factors affecting fashion : Fashion merchandising, Fashion terminology- classic, fad, croquis, brand, licensing, trend, silhouette, apparel , kun-ball-tags, haute couture etc.

**Module-III:**

Fashion Adoption Process: Awareness stage, interest stage, evaluation stage, trial stage, the adoption stage. Attributes of an innovation: Relative advantage, compatibility, Complexity, Trial ability, Observability. Types of Adopters: innovators, early adopters, early majority, late majority, laggards.

**Module-IV:**

Basic shapes – Structural & Visual Type, Basic Figure types (Rectangle, Triangle, Hourglass, Apple, Pear, Diamond, Tubular, Round, Low waist, High waist), Trimming & Accessories.

**Module-V:**

Fashion Cycle- definition, stages of fashion cycle, Fashion Forecasting-why forecast, what to forecast, how to forecast.

**FASHION DESIGNING & TECHNOLOGY**

**FDT 103**

**DESIGN CONCEPT AND FASHION SKETCHING (LAB)**

**Objective:** *The subject initiates the understanding of the importance of anatomical studies as the basis of fashion illustration and to realize the requirement for understanding, clarity and confidence in drawing of the human body as a mode of visual communication in fashion.*

**Module I**

Understanding of body proportion with special reference to (a) Anatomy (b) Movement (c) Posture (d). Detail. Basic Proportion study- block figure, stick figure Module II-, flesh figure. Relative difference between normal & fashion figure. Study of stylized stick figure to observe balance & movement in figure.

**Module II**

Introduction to flesh figure. Relative difference between normal & fashion figure. Study of stylized stick figure to observe balance & movement in figure.

**Module III**

Detail features of figure. Hands, feet, arms & legs. Free hand drawing, rendering and texture.

**Module IV**

Lines, Curves, Object drawing, Shading, Still Life drawing, Pencil medium, Ink medium, Charcoal.

**Module V**

Different accessories drawing & colouring. Mediums- crayons, colour pencils, water colours, poster colours, pastels-oil & dry, swatch rendering.

**Reference books**

1. *Foundation in fashion design & Illustration*
2. *Figure drawing for fashion design*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 104**

**HISTORY OF DESIGN (Theory)**

**Objective:** The subject focuses on visual arts as a cultural phenomenon and its study from diverse disciplinary requirements. It also covers History of Indian Costume, Historic costume, Social background of Indian Costume and advance history of Fashion. Creative use of research and inspirational library sources are coordinate with art work in the development of current design.

**Module I**

**Part A: World Art Appreciation Module I- Pre history Pre historic at as early civilization:** Background/history- Transition from Palaeolithic to Neolithic. **Egyptian**

**Art:** Historical introduction to the origin of river civilization –symbol and belief-pyramids and its importance In Egypt-Life after death.

**Module II**

**Part B: History of World CostumeModule II – Indian costumes**

Pre-Vedic era, Vedic and post vedic era – Mauryan – Satvahan - Kushal dynasty- Gupta dynasty- Mughal period- Costumes of the British raj- traditional costumes natya shastra – performing arts and textile of India – contemporary fashions.

**Module III –Western Costume**

Origin of costume – development of costume – beginning of civilization-Greek, Roman & Egyptian in dyeing and printing also.

**Module IV**

13<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup> century. Costumes for men – costumes for women – accessories. Costumes from French revolution to early 20<sup>th</sup> century. Revolutionary period – 1789- 1815 – the monarchy (1789-1792) – the republic (1792-1795) – the directory period (1795-1799) - consulate and empire (1799-1815)

**Module V - Contemporary Fashions**

From early 20<sup>th</sup> century to contemporary fashion. Students do an individual research study on any designer and a group study on each decade starting from 1930. This is presented on the last class. The objective is to familiarize the students with fashion in 20<sup>th</sup> century with particular focus on designers and the design houses which influences global fashion today.

**Reference Books:**

1. *A history of fashion: Madge Garland.*
2. *History of Indian Costume.*
3. *Survey of historic costume: Linda A. Snyder*
4. *Evolution of fashion.*
5. *Social background Indian Costume: DKM Kapadiya*
6. *An Advanced History of India: R.C. Majumdar*
7. *History of Costume in the west: Francois Boucher*
8. *An illustrated history of fashion: Elizabeth Ewing ( revised by Alice marcell*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 105**

**COMMUNICATIVE ENGLISH (Theory)**

*Objectives- 1. In this competitive world, one has to be a good communicator to succeed. Our objective is to enable students to be a good communicator in their chosen field. The proposed course structure is designed to meet specific needs of the students of the stream. So that students can:*

- i. Apply communication skills learnt in class in their professional life.*
- ii. Enhance their communication skills through practice.*
- iii. Manage critical situations through effective writing communicative skills learnt in the class.*
- iv. Improve their vocabulary*

*To meet our ends, the following practices would be observed:*

- a. A set of exercises in both oral and written communication.*
- b. Self- managed reading/ writing.*
- c. Audio and video presentations.*
- d. Use of print media for explanation of certain topics.*

**Module I**

- What is Communication (An introduction),  
The Communication Process (communication cycle)
- Objectives of communication (types), Media of communication (oral, written, audio, audiovisual, face to face).
- Types of communication (Downward, upward, horizontal, grapevine, consensus), Principles of communication.
- Barriers of communication.

**Module II**

- Body language (facial expressions, gestures)
- Listening and its advantage.
- Punctuation & use of capital letters.
- Kabuliwala by Ravindra Nath Tagor

**Module III**

- Writing Skills – Letter Writing, Application, Official Letters.
- Basic structures of letters (An introduction to different formats)
- Formal & Informal letters
- Bio data, resume & Curriculum Vita
- Copy writing

**Module IV**

- Tenses & adverbs
- All the world's stage (Poem by William Shakespear)
- Adjective & Determiners
- Vocabulary (Antonym, synonyms) & one word substitution .

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

### **Module V**

- Extempore speech(practical exercises)
- Seminar presentation
- Public speaking
- Reading Skills

**Note:-** Above tasks would be carried out through certain exercises, to name a few- moviescreening, dissertation on a selected novel, presentations and public speaking.

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

### **FDT 106**

#### **ELEMENTS OF DESIGN (Theory)**

**Objective:** *The subject helps develop an understanding of Elements and Principles of Design, a sense of composition and skills of visualization, communication and application of these in different media.*

#### **Module I–**

Introduction to subject- Principle of Design, Elements of design-Line-Colour-Texture.

#### **Module II–**

Lines-Basic Classification of Lines, Path-curve- Direction-Illusion.

#### **Module III–**

Shapes, Basic types- Structural and Visual types.

#### **Module IV-**

Introduction to colour- the Colour theory- Colour Wheel- Dimension of colours- Colourharmony- Psychology of colours- various colour schemes.

#### **Module V–**

Introduction to the basic materials creating Textures using all art media like Pencils, crayons,pastels, wax, paints, poster colours etc.

#### **Reference books:**

1. *Design concept – Jame Mills*
2. *Colour Harmony – A guide to creative colour combinations- Bride M.Whelan*
3. *Colour Kaleidoscope, Creating colour harmonies- Axel venn*
4. *Designer's guide to colour-Vol 1to 5- James Stockman*
5. *Checks and Stripes – Classic variations in colour- Wolfgang H. Hagency*

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

### **FDT 107**

#### **INTRODUCTION TO COMPUTERS (LAB)**

**Objective:** *Students will learn fundamental concepts of computer hardware and software and become familiar with a variety of computer applications, including word-processing, spreadsheets, databases, and multimedia presentations.*

#### **Module I- Word Processor**

Introduction to word processors. MS Word: opening, creating and saving documents, finding files, previewing documents and their properties, Typing, navigating and selecting in document, Editing and sorting, Checking spelling and grammar, formatting: characters, paragraph, with styles, auto format etc. Changing appearance of your page: margins, page size, page orientation, page breaks etc. Importing graphics and creating drawing objects: inserting, editing and positioning text and graphics, creating, resizing, reshaping and deleting drawing objects. Assembling documents with mail merge, Customizing Microsoft Word.

#### **Module II- Spread sheet**

Introduction to worksheets- opening, creating, using and saving workbook; working with workbooks and worksheets: managing, arranging and moving around in workbook. Entering data and selecting cells, ranges; editing worksheet data: clear content, format, or comments from cells, finding or replacing data, inserting, copying and moving cells and data, spell checking and correcting, formatting worksheet, using formulas, working with charts, analysing data with a pivot table, performing what-if analysis on worksheet data, validating cell entries, automating tasks: record, run, edit, and stop a macro, Customizing Microsoft Excel.

#### **Module III – Techniques in presentation**

Microsoft PowerPoint: opening, creating and saving presentations, working in different views, working with slides, adding and formatting text, formatting paragraphs, making notes pages and handouts, working with objects and clip arts, working with equations, tables and charts, designing electronic slide show, adding animations, sound, voice narration and movies to your slides, setting timing and transitions, running and controlling electronic slide show, Customizing Microsoft PowerPoint.

#### **Module IV-**

Introduction to Software, Implementation of Corel Draw in fashion designing.

#### **Module V-**

Introduction to Software, Implementation of Photoshop in fashion designing.

#### **Reference books**

1. *Microsoft Office 2000 by O'lear series, Tata Mcgraw Hill*
2. *Mastering computers – Wright G.G.L.McMilan & Co.*
3. *Microsoft Windows 2000 – Microsoft Press*
4. *The Corel Draw – wow lines Dayton*
5. *Photoshop element: Dake McClelland*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 108**

**GARMENT CONSTRUCTION-I (LAB)**

**Objective**

*To understand and appreciate different kinds of stitches and seams*

- *To develop the skill of making seams, tucks, pleats etc.*
- *To develop the skill of operating the machine.*
- *To understand the utility of seams, gathers, shirring used in garments both for construction and as design feature.*

**Module I**

Introduction to garment construction-basic principles and techniques.

**Module II**

Construction, parts and working of sewing machine. Threading, bobbin winding, needle maintenance/ common problems (Practice session on the machine)

**Module III**

Definition and understanding of hand stitching techniques. Basting: even/ uneven/diagonal running stitches. Hemming: Plain, blind, slip, marking: padding, button hole, overcasting. Definition and understanding of basic seams. Flat fell, lap, French, false French, bound, bias, corded, piped, eased, princess, taped.

**Module IV**

Understanding of basic techniques like: tucks, pleats, gathering, shirring, smoking, ruffles. Types of necklines; Round and Jewel; Square and Glass; V shaped straight and curved, Scalloped, Sweetheart.(along with pattern drafting)

**Module V**

Types of Sleeve Finishes: Basic Sleeve types, half sleeve, full sleeve,  $\frac{3}{4}$  sleeve, Sleeve finish, Setin sleeves, plain, puff sleeve (- with gathers at the sleeve cap and round arm, gathers at sleeve ,cap & gathers at the round arm), leg-o-mutton, Bishop sleeve/pleasant sleeve, petal.Pie e sleeve, shirt sleeve, kurta sleeve, Angle, flared. Tulip Lantern & Cart wheel. (along with pattern drafting)

Project: develop a variation & name.

**Reference books**

1. *Pattern drafting by Helen Joseph Armstrong*
2. *Pattern drafting For Children by Winifred Aldrich*
3. *Handbook of fashion designing.*

# MATS UNIVERSITY, REGULATION, SCHEME AND SYLLABI

## FASHION DESIGNING & TECHNOLOGY

FDT 201

### PATTERN MAKING - I (Theory)

#### **Objectives:**

- *This area of instruction should enable students to:*
- *Develop accurate slopers for the skirts.*
- *Become familiar with tools of pattern making.*
- *Understand the language of pattern making.*
- *Develop the ability to create designs through flat pattern method.*

#### **Module I- Introduction to pattern making**

Tools and equipment, Fabric terms, Measurement Techniques, Size chart of different countries. Basic Bodice Block – Front – Back, Basic Torso Block – Front – Back

#### **Module II**

##### **Draft Basic sleeve block-**

Puff sleeves - with gathers at the sleeve cap and round arm, Bishop sleeves. Straight, Shirt, Angle, Flared, Leg-o-mutton, Tulip, Lantern, Cart wheel. Modified sleeves-Raglan, Kimono, and Dolman.

**Note;**-Insertion of gusset to be explained in sleeve finishes.

#### **Module III**

Basic Skirt Block – Front – Back, Variations of skirt (pleated, half umbrella, full umbrella, frills etc. Development of designs with darts, pleats, flares, gathers, stylelines added fullness.

#### **Module IV**

**Pocket making & Application** Patch pockets – different types, unlined patch pockets, lined patch pockets, patch pockets with flaps, patch pockets with self-flap. Self hem, shaped facing, Bias facing, double fold bias binding, caring, cuffs with different kinds of plackets, Cut construction, French cut application, cut without placket.

#### **Module V**

Pattern for Shaped facing, Bias facing, Corded Neck, Single layer binding, Double layer binding, Use Pre-Packaged binding, banded neckline, Placket, Zipper in Band neckline. Pocket making & Application Principles of collars and its variations – Flat collar – Peterpan, Cape, Sailor, Bertha. Stand collars – Mandarin, Chinese, Shirt, and Tennis.

#### **Reference books**

1. *Technology of Stitches & Seams: Coats Viyella Limited*
2. *Pattern Drafting: Helen Josef Armstrong.*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 202**

**FASHION ILLUSTRATION – I (Theory)**

**Objective:** *The subject refines the students drawing and illustration skills with special emphasis on developing a signature style of sketching, provides understanding and exposure to design elements and visual communication of the same through illustration techniques.*

**Module I**

What is Illustration?

Detail story on head theory (block figure)

1) 8 ½ head 2) 10 ½ head 3) 12 ½ head 4) 15 head – stick and block figures (difference between normal & fashion figure)

**Module II**

Scaling down the features

1. Head, Face                      2. Hairstyle                      3. Arms & Legs                      4. Accessories

**Module III**

Flat sketch of different types of garments- women's wear- shorts, jacket, pullover, semi journal, Introduction to garment detail: Necklines, Collars, Sleeves, Cuffs, Silhouettes, Skirts, Pants, Coats, Pockets, Frills, Pleats etc.

**Module IV**

Specimen development of men's wear, kids wear

**Module V**

Introduction - Different garment (wear)

**Reference books**

1. *Fashion Illustration basic Techniques.*
2. *An Illustrated History of Fashion*

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 203**

### **DRAPING & STYLING (Lab)**

#### **Module I**

Art of Draping

Draping- Introduction: Measurements, Taping, Fabric Grains, and Preparation of muslin for draping. Knowledge of material (Stiff or Soft) for draping.

#### **Module II**

Bodices: Basic Bodice Block, gathers, tucks, pleats. Dart manipulations. Basic Skirt, Basic sleeve. (Draping and pattern development)

#### **Module III**

Yokes On bodice- full yoke, half yoke, gathered yoke – drapes and cowls, Necklines, Collars and cowls.

#### **Module IV**

Necklines, collars, sleeves and Term garment .

#### **Module V**

Term garment . (assembly of the basic blocks)

#### **Reference books**

1. *Draping: Helen Armstrong*
2. *Art of Draping.*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 204**

**TEXTILE SCIENCE (Theory)**

**Objective:** *The subject aims to develop understanding of Textile Industries in India and sources of textile materials, properties of textile materials, with end uses and market needs for apparel and furnishing products.*

**Module I - Introduction to Textile science**

Introduction to textile fibre- classification of fibres according to source (natural & manmade fibres) - Properties of fibres- Brief studies of different natural and manmade fibres: Cotton, Flex, Wool, Jute, Ramie, Rayon, Acetate, Polyester, Nylon.

**Module II – Yarns and Yarn production**

Introduction to Yarns-Yarn twist- Types of Yarns- Single, Ply and Cord-Blended and Novelty Yarns- Principles of short Staple Spinning- Brief studies on sequence of process involved- Yarncount

**Module III- Fabric Construction**

Weaving: Preparatory process involved in weaving- Chief operations in the weaving- basic structure of loom- Introduction to basic weaves- Plain weave, Twill weave Regular and Irregular Satin and sateen, Honey comb. Brighten honeycomb, Huck-a-Back, Mock leno, Bedford cord, Colour and weave effect, Double cloth.Knitting: Basic classification, Application of knitted fabrics, Non-woven fabrics.

**Module IV- Finishing and Testing**

Introduction to Finishing- Types of Finishing- mechanical and chemical finishes- Testing of fibres- burning tests for different natural and manmade fibres.

**Module V- Fabric Care and Labelling**

**Reference Books:**

1. *Motivate Textile series – Wynne*
2. *Technology of textile processing Vol.1 (textile fibre) - V.A. Shenai*
3. *Chemical technology of fibrous materials- F.Sadoor, M Korchagin, A. Matesky*
4. *Fibre Science- S.P. Mishra &B.K.Keshvan*
5. *Textile Science- E.P.G.Gohl&L.D.Vilensky*
6. *Man Made Fibres- R.W. Moncriefthy*
7. *Spun Yarn Manufacturing Tech- Vol.I, II & II-A Venkatasubramaniam*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 205**

**ENVOIRNMENTAL STUDIES (Theory)**

**Objective:** *Through the course sequence in ESS, students will be able to:*

- 1. Recognize major concepts in environmental sciences and demonstrate in-depth understanding of the environment.*
- 2. Develop analytical skills, critical thinking, and demonstrate problem-solving skills using scientific techniques.*
- 3. Demonstrate the knowledge and training for entering graduate or professional schools, or the job market.*

**Module I- Multidisciplinary nature of environmental studies**

Definition, scope and importance Natural resources.

Renewable and non-renewable resources: Natural resources and associated problems.

a. Forest resources: use and over exploitation, deforestation, case studies. Timber extraction, mining, dams, and their effects on forest and tribal people.

b. Water resources: use and over-utilization of surface & ground water, Floods, drought, conflicts over water, dams-benefits and problems.

c. Mineral resources: use and exploitation, environmental effects of extracting and using mineral resources, case studies.

d. Food resources: world food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

e. Energy resources: growing energy needs, Renewable and non-renewable energy sources, use of alternate energy sources, case studies.

f. Land resources: land as a resource, land degradation, man included landslides, soil erosion and desertification.

- Role of an individual in conservation of natural resources; \* Equitable use of resources for sustainable lifestyles.

**Module II- Ecosystems**

- Concept of an ecosystem; \* Structure & function of an ecosystem; \* Producers, consumers and decomposers; \* Energy flow in the ecosystem; \* Ecological succession; \* Food chains, food web and ecological pyramids; \* Introduction, types, characteristics features, structure and function of the following ecosystems; \* Forest ecosystem; Grass land ecosystem; desert ecosystem; Aquatic ecosystems ( ponds, lakes, streams, rivers, oceans, estuaries)

**Module III- Biodiversity and its conservation**

- Introduction – Definition: genetic, species and ecosystem diversity; \* Bio-geographical classification of India; \* Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values; \* Biodiversity at global, national and local levels; \* India as a mega-diversity nation; \* Hot-spots of biodiversity; \* Threats to biodiversity: habitats loss, poaching of wildlife. Man-wildlife conflicts; \* Endangered and

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## FASHION DESIGNING & TECHNOLOGY

endemic species of India; \* Conservation of biodiversity; In-situ and ex-situ conservation of biodiversity.

### Module IV- Environmental pollution

Definition \* Cause, effects and control measures of Air pollution; water pollution; Soil pollution; Marine pollution; Noise pollution; Thermal pollution; nuclear hazards; \* Solid waste management: cause, effects and control measures of urban and industrial wastes; \* Role of an individual in prevention of pollution; pollution case studies, \* Disaster management : floods, earthquake, cyclone and landslides.

### Module V – Social Issues and the environment

From unsustainable to sustainable development; \* urban problems related to energy; \* Water conservation, rain water harvesting, watershed management; \* Re-settlement and rehabilitation of people; its problems and concerns. Case studies; \* Environmental ethics; issues and possible solutions; \* Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies; \* Wasteland reclamation; \* Consumerism and waste products; \* Environmental protection Act; \* Air ( Prevention and control of pollution) Act; \* Water ( Prevention and control of pollution) Act; \* Wild-life Protection Act; \* Forest conservation Act; \* Issues involved in enforcement of Environmental legislation; \* Public awareness; Population explosion- Family welfare programme; \* Women and Child Welfare; \* Role of information technology in Environmental and human health; \* Case studies.

### Field work

Visit to a local area to document environmental assets river/ Forest/ grassland/ hill/ mountain; \* Visit to a local polluted site-Urban/Rural/Industrial/Agriculture; \* Study of common plants, insects, birds; \* Study of simple ecosystem-pond, river, hill slopes etc.( Field work equal to 5 lecture hours)

### Reference books:

1. *Environmental Biology: Agrawal K.C. 2001, NidiPubl.Ltd.Bikaner*
2. *The Biodiversity of India: Bharucha Erach, Mapin Publishing Pvt.Ltd.Ahmedabad*
3. *Hazardous Waste Incineration: Brunner R.C.,1989, McGraw Hill Inc.480 p*
4. *Marine Pollution: Clark R.S. Clanderson Press Oxford (TB)*
5. *Environmental Encyclopaedia: Cunningham, W.P.Cooper, T.H.Gorhani, E&Hepworth,M.T.2001*
6. *Environmental Chemistry: De A.K., Wiley eastern Ltd.*
7. *Down to Earth: Centre for Science and Environment*
8. *Water in crisis: Gleick, H.P.1993. Pacific Institute for Studies in Dev.*
9. *Environmental & Security: Stockholm Env. Institute Oxford Univ.*

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## **FASHION DESIGNING & TECHNOLOGY**

**FDT 206**

### **GRAPHIC DESIGNING (Lab)**

**Objectives:** Students who successfully complete a degree in Graphic Design will be able to: Demonstrate an understanding of the design process, critical thinking skills, research methodologies and creative ideation as a means of problem-solving and enhancing visual communication.

#### ***Module I***

Introduction to Corel Draw.

#### **Module II**

Implementation of Corel Draw in fashion designing.

#### **Module III**

Introduction to Photoshop.

#### **Module IV**

Implementation of Photoshop in fashion designing.

#### **Module V**

Macromedia Flash.

#### **Reference books**

The Corel Draw – wow lines Dayton Photoshop element: Dake McClella

**FASHION DESIGNING & TECHNOLOGY**

**FDT 207**

**GARMENT CONSTRUCTION –II (Lab)**

**Objectives:**

- *To understand and appreciate different types of bodice construction, necklines, sleeves.*
- *To obtain fabricating skills for the same*

**Module I**

Basic Bodice stitching – Front – Back, Basic Torso stitching – Front – Back

**Module II**

**Draft Basic sleeve block-**puff sleeves - with gathers at the sleeve cap and round arm, Bishop sleeves. Straight, Shirt, Angle, Flared, Leg-o-mutton, Tulip, Lantern, Cart wheel. Modified sleeves-Raglan, Kimono, Dolman.

Note;-Insertion of gusset to be explained in sleeve finishes.

**Module III**

Basic Skirt stitching – Front – Back, Variations of skirt (pleated, half umbrella, full umbrella, frills etc. Stitching of Skirt variations:

Gathered, Basic skirt block, A line; Pleated; yoked, midriff and Hip yokes; panelled; Gores, Gored, Flare; Circular; Flounces & tiers.

**Module IV**

**Pocket making & Application**

Patch pockets – different types, unlined patch pockets, lined patch pockets, patch pockets with flaps, patch pockets with self-flap.

Self hem, shaped facing, Bias facing, double fold bias binding, caring, cuffs with different kinds of plackets, Cut construction, French cut application, cut without placket.

**Module V**

Necklines finishing by using facing and interfacing:

Shaped facing, Bias facing, Corded Neck, Single layer binding, Double layer binding, Use Pre-Packaged binding, banded neckline, Placket, Zipper in Band neckline.

Pocket making & Application Principles of collars and variation – Flat collar – Peterpan, Cape, Sailor, Bertha, Standcollars – Mandarin, Chinese, Shirt, Tennis.

**Reference books**

1. *Apparel manufacturing: Hand book – Jacob Soclinger*
2. *Technology of clothing manufacture: Herrold Carr & B. Latham*
3. *Knitted clothing Technology: T. Brackern Berry*
4. *Technology of Stitches & Seams: Coats Viyella Limited*

# MATS UNIVERSITY, REGULATION, SCHEME AND SYLLABI

## FASHION DESIGNING & TECHNOLOGY

### FDT 208

#### Textile Science & Wet Processing (Lab)

**Objective:** The subject aims to develop the concept of dyeing and printing processes, both technical and commercial and understanding of technical and commercial fundamentals dyeing and printing techniques, in order to handle the same during fabric development, sourcing and garmenting stage.

#### Module I

A brief history of dyeing and printing

#### Module II - Processing

Jute, Cotton

#### Module III - Dyeing

Introduction to wet processing – dyes classification and application- preparatory process – principles and method of dyeing of cotton – concept of Tie and dye, vegetable dyeing

#### Module IV - Printing

Introduction to printing – printing method – styles of printing – model recipe formulation.

#### Module V – Resist Dyeing

Tie and Dye, Batik and Organic dyeing.

#### Reference books

1. *Technology of Printing: Dr.Shenai V.A Vol IV Sevek Publication, Bombay 1972*
2. *Technology of Dyeing: Dr.Shenai V.A Vol IV Sevek Publication, Bombay 1972*
3. *History of Technology: Dr.Shenai V.A Vol IV Sevek Publication, Bombay 1972*

**FASHION DESIGNING & TECHNOLOGY**

**FDT209**

**CRAFT DOCUMENTATION (Project)**

**Objective:** This subject attempts to create an awareness and appreciation of the traditional methodology of a particular craft through the entire process of survey, conceptualization of design, interaction with facilitators, prototype development, manufacturing, marketing and management procedures.

1. Introduction to crafts (slides).
2. Information sourcing on a craft.
3. How to document a craft and why.
4. Content of craft documentation
5. How to plan your layouts and techniques.
6. How to frame your photographs, illustration.
7. Prepare questionnaire for Survey / information collection.
8. Craft design
9. Assessment

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 301**

### **PATTERN MAKING – II (Theory)**

#### **Objectives:**

*This is an introductory course where the relationship between draping on a three dimensional form and a flat pattern making is introduced. Students draft basic sloper according to dress from measurements. The basic sloper is used to develop creative designs. The final project is the development of an original design through the flat pattern method.*

#### **Module I**

Slash & spread method – Pivot method

Exercises: Shift dart into another area; Two darts into one; Two darts into two; Darts into gathers; Darts into tucks; Darts into flare; Darts into pleats; Darts into seam line; princess; Darts into yokes; Princess line, princess away from apex; Darts in multiple darts; Darts into style lines. Dart Manipulation

#### **Module II**

Development of design with darts, pleats, flares, gathers, style lines added fullness  
Indian Wear

#### **Module III –**

Western Wear, Beach Wear

#### **Module IV**

Basic trouser Block – Skirt variations Gathered, Basic skirt block, A line; Pleated; yoked, midriff and Hip yokes; panelled; Gores, Gored, Flare; Circular; Flounces & tiers.

#### **Module V**

Trouser Stitching

#### **Reference books**

1. *Apparel manufacturing: Hand book- Jacob Soclinger*
2. *Technology of clothing manufacture: Herold Carr & B. Latham*
3. *Knitted Clothing Technology: T. Bracken Berry*
4. *Technology of Stitches & Seams: Coats Viyella Limited*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 302**

**EMBROIDERY AND SURFACE ORNAMENTATION**

**Objective:** *The subject aims at developing understanding of the different techniques of surface ornamentation focused on embroidery and resist dyeing techniques.*

General rules of embroidery for hand and machine embroidery, attachments to sewing machines for embroidery – identifications of embroidery stitches-needle-thread and fabrics-selection for design using computers-surface ornamentation-tools and equipments-needle and thread

**Module I**

Introduction to Embroidery ,Back stitch variations – bullion knot – button hole & blanket – chain stitch – cable chain stitch – daisy stitch – open chain stitch – twisted chain – zigzag cable stitch – chevron stitch – coral stitch – couching – Bokhara couching – Rumanian couching – Cretan stitch – cross stitch – faggoting or insertion stitches – feather stitch – chained feather stitch – closed feather stitch – Chequered chain stitch – fish bone stitch – fly stitch – herring stitch – satin stitch – spider’s web – stem stitch – Rumanian stitch – overcasting – straight stitch.

**Module II**

Importance of design – counted thread work – cut work – drawn thread work – use of beads and sequins. Developing (hand work) Aari, Zardosi samples

**Module III**

Traditional embroideries. Kantha, Zardosi, Phulkari, Chikankari, Kasuti ,Kasida,Embroidery of Gujarat and Rajasthan

**Module IV**

Knitting, Tufting, Crochet, Macramé.

**Module V**

Exploration, improvisation and adaptation of above techniques towards innovative surfaces and forms while using a variety of material of like different kinds of yarns. Vegetable fibre, threads and ropes, ribbons, braids, trimmings, paper, wires, fabrics, acrylics, polythene, self reflecting foil etc.

**Teaching Aids:**

Slides and visuals on the handcrafted surfaces, forms, objects, artifacts, accessories and garments. A personal file on the techniques with samples, along with a var

**Evaluation Criteria:**

Innovation and adaptation towards a contemporary expression.

**Reference books**

1. *Readers Digest-complete book to needle work*
2. *Books on tatting*
3. *Crochet Macramé*

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## FASHION DESIGNING & TECHNOLOGY

### FDT 303

#### FABRIC STUDIES & ADVANCE DRAPING

**Objective:** Impart knowledge to students on fabric formation, its properties and classification on fabric formation and machines used in the industry for the same in terms of Draping.

#### Module I

Introduction of Fabric, types of fabric, Different methods of fabric development – woven, knitted, non-woven, etc. Comparison weft and warp knitting, terms in weft knitting, basic structure and its characteristic –knitting cycle of latch needle with sinkers – modern knitting concepts and features. Identification of basic structures – multy track, jacquard, auto stripes, fleece 3, terry – developed rib and interlock structures.

#### Module II

##### Woven fabrics and designs

Sequence of preparatory processes for weaving and its objectives-passage of material through weaving machine (Loom)-important motion in weaving mechanism- important parts of loom-introduction to fabric designing. Carpet, Shawls, Saries- Chanderi, Mashewari, Kanjiwaram etc. Brocades, textiles of north eastern region

#### Module III

##### Finishing.

Introduction to finishing- types of finishing-commercial name. Introduction to testing of coloured fabrics for fastness properties, fabric test, fabric strength, tensile strength tester, tearing tester, crease recovery, fabric stiffness, abrasion tester

#### Module IV

Weaving Process, looms, fabric formation, types of looms, and use of different types of woven fabric in draping. Non-woven fabrics & their properties, fabric making process of Non-woven and use of different types of Non-woven fabric in draping.

#### Module V

Knitted fabrics & their properties, Knitted fabric making process and use of different types of Knitted fabric in draping.

Fabric Finishes, Special finished fabrics, Fabric Defects and identification (Woven, Non-Woven & Knitted).

#### Reference Books:

1. Motivate Textile series – Wynne
2. Technology of textile processing Vol.1 (textile fibre) - V.A. Shenai
3. Chemical technology of fibrous materials- F.Sadoor, M Korchagin, A. Matesky
4. Fibre Science- S.P. Mishra & B.K.Keshvan

**FASHION DESIGNING & TECHNOLOGY**

**FDT304**

**GARMENT MANUFACTURING MACHINES (CORE)**

***Objective:** The objective of this subject is to co-relate design and manufacturing interface through the understanding of different apparel manufacturing machine processes.*

**Module I**

Introduction to garment industry process details.

**Module II**

Garment cutting machines and its application – detailed study on band knife and straight knife machine – introduction and basic concept of fabric spreading machine.

**Module III**

Sewing machines: Classification of garment manufacturing machines. Application – description and functioning of single needle lock stitch machine - double needle lock stitch machine – over lock machine - flat lock stitch machine – possible modifications – attachments for various purpose – guides – folders. Machine beds.

**Module IV**

Flat bed – cylinder bed – post bed – application – types and parts of machine needles – needle size – sewing machine feed system – details of stand, table and motor for sewing machine.

**Module V**

Model sewing machine: Button stitching – snap button fixing – bar tacking – feed off the arm embroidery machines – placket making machines – heavy duty sewing machines. Garment finishing machines. Introduction to various machines for garment finishing – machines - fusing – sucking – ironing – packing.

**Reference books**

1. *Apparel manufacturing: Hand book – Jacob Soclinger*
2. *Technology of clothing manufacturing: Harold Carr & Latham*

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## **FASHION DESIGNING & TECHNOLOGY**

**FDT305**

### **FASHION PHOTOGRAPHY (Viva-Voce)**

**Objective:** *The subject initiates the understanding of the basic principles of photography as a tool of communication and documentation, with a critical understanding of the role of light.*

#### **Module I**

Introduction to basics of Photography

#### **Module II**

Introduction – Colour concept – light effects – focusing (different levels)

#### **Module III**

Advertising Photography – industrial photography

#### **Module IV**

Choreography for Fashion Show

#### **Module V**

Different Types of Ramp.

#### **Reference books**

1. *Photographing people - Portraits fashion Glamour: David Wilson*

**FASHION DESIGNING & TECHNOLOGY**

**FDT306**

**ADVANCE DRAPING (Lab)**

**Objective** *Draping is a method of pattern making for fashion design that permits free and accurate expression of ideas as designer works. It is a three-dimensional process of designing. The designer working from a sketch or a mental picture gives three dimensional forms to an idea for a garment with a help of a dress form.*

**Module I:** Draping different types of skirts (Peplum, Pencil, Full and half Umbrella, using frills, flounces. Gathers, pleats etc

**Module II:** Basic sleeve Draping - with the variation of sleeves, Dart manipulation II, Collars (Stand & Flat Collars), Princess Bodice.

**Module III:** Draping of different types of trousers.

**Module IV:** Stylized Term Garment. Full garment..minimum 5

**Module V:** Different Styles of Saree drape, dupatta, Scarves & accessories.

**Reference books**

1. *The art of Draping*
2. *Fabulous fit: RashbandJudiath*

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT307**

### **GARMENT CONSTRUCTION-III (Lab)**

#### **Objective**

- *To understand and appreciate different types of modified darts, Flares, tucks pleats seam lines princess line and style lines. in different types of garments.*
- *To obtain fabricating skills for the same*

#### **Module I**

Slash & spread method – Pivot method

Exercises: Shift dart into another area; Two darts into one; Two darts into two; Darts into gathers; Darts into tucks; Darts into flare; Darts into pleats; Darts into seam line; princess; Darts into yokes; Princess line, princess away from apex; Darts in multiple darts; Darts into style lines in garment stitching for fitting and styling.

Dart Manipulation

#### **Module II**

Kids wear Indian Wear

#### **Module III**

Western Wear, Beach Wear

#### **Module IV**

Bridal Wear,

#### **Module V**

Developing Garments

#### **Reference books**

1. *Apparel manufacturing: Hand book- Jacob Soclinger*
2. *Technology of clothing manufacture: Herold Carr & B. Latham*
3. *Knitted Clothing Technology: T. Bracken Berry*
4. *Technology of Stitches & Seams: Coats Viyella Limited.*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 308**

**COMPUTER AIDED DESIGNING - I(Lab)**

**Using designing software work the following:**

1. Draw the given image using cad software
2. Draw the given image and work on draping skirts for teenager
3. Draw the given image and work on draping on a men's shirt
4. Draw the given image and work on a ladies top
5. Draw the given image and work on draping on a kid's shirt
6. Scan the given image and work on colour combination using the given colour codes
7. Scan the given image and do the modifications as needed
8. Create a fully fashioned garment using different texture expert software
9. Create a set of garments using given colours and motifs combination, meant for specific end uses as given
10. Create spec and flat pattern garment for different garment

**Reference books**

1. Corel Draw, Photoshop, Macromedia Flash and Vision Fashion Studio

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

### **FDT 401**

#### **PATTERN MAKING – III**

**Objective:** *The subject enables students to understand higher levels of complexity in pattern making. The focus is on patterns for outerwear with a focus on contoured garments and two piece sleeves.*

#### **Module I**

Jackets (Different designs)

#### **Module II**

Constructing various variation trousers and pants

#### **Module III**

Different designs of Kurta

#### **Module IV**

Different designs of Pyjama.

#### **Module V**

Different designs of salwars

#### ***Reference books***

1. *Manuals of different companies*
2. *Apparel manufacturing: Hand book – Jacob Soclinger*
3. *Pattern making for Fashion Design: H.A. Armstrong*
4. *Metric Pattern Cutting: Winfred Aldrich*
5. *Pattern Making made easy: Gollian Holiman*
6. *Fabric, from and flat pattern cutting: Winfred Aldrich*
7. *How to make Sencing Pattern: Maccam, Dinald H.*

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 402**

### **FASHION ILLUSTRATION & ART PORTFOLIO**

**Objective:** *Description about Mood board of Men's, Women's, Kid's etc.*

#### **Module I**

Introduction -Different kinds of wear

Casual wear, Sportswear, Formal, Semi formal, Evening wear, Party wear:

#### **Module II**

Introduction - Mood Board

Mood board; Colour Palette; Customer profile; Composition – illustration; Specificationsheet

#### **Module III**

Details Study Women's Mood Board, Men's Mood Board, Kids Mood Board

#### **Module IV**

Details Study

Drawing hanger illustration, Fashion accessories and presentation

#### **Module V**

Basic introduction - Designing of specialized designs.

#### **Reference Books:**

1. *The Style Source Book: Judith Miller, Stewart, Tabori& Chang*
2. *Any Illustrated History of Fashion*
3. *Creative Fashion Presentation: Gurein.P*
4. *Dress Casually for Men: Webber M*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 403**

**COMPUTER AIDED DESIGNING – II (Lab)**

**Objective:** Develop the patterns for the following styles using any cad software for the given size measurements and also grade the pattern to various sizes and estimate the lay length and market efficiency.

**Module I**

Introduction to the software

**Module II**

Options and tools bar

**Module III**

Developing Basic pattern

**Module IV**

Design Variation

**Module V**

Dart Manipulation

**Reference Books:**

1. *CAD CAM CIM* By P. Radhakrishnan, S. Subramanyan, V. Raju.

# MATS UNIVERSITY, REGULATION, SCHEME AND SYLLABI

## FASHION DESIGNING & TECHNOLOGY

**FDT 404**

### PROFESSIONAL PRACTICES

**Objective** - This subject focuses on the basic principles of communication, ethics and etiquettes for the work place.

**Module 1** - Introduction to subject, Need of professionalism

**Module 2** - Manners, Importance of manners, Good & bad manners, what is etiquette- basic manners and etiquette, good & bad etiquette

**Module 3** - *Ethics, Workplace Ethics & Behavior, self-esteem-high & low self-esteem*

**Module 4** - Observational learning, negative and positive behaviours, Bandura's social cognitive learning theory- Attention, Retention/Memory, Initiation, Motivation

**Module 5** - Organizational Behaviour, individuals in organizations, work groups, how organizations behave

#### **Reference Books –**

- *Publications of Handbook on Professional practice by IIA.*
- *Roshan Namavati, Professional practice, Lakhani Book Depot, Mumbai 1984.*
- *WTO and GATT guidelines.*
- Working Ethics: How to Be Fair in a Culturally Complex World by Richard Rowson Jessica Kingsley, 2006.
- Ethics and Professionalism , John Kultgen, University of Pennsylvania Press, 1988.

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 405**

### **EXPORT MARKTING AND DOCUMENTATION**

#### **Module I**

Export Marketing of Apparel, Global Scene, and Prospects for Indian Apparel in overseas Market. Globalization. Export barriers.

#### **Module II**

GATE & WTO Agreement and Bilateral Textile Agreements signed by India with importing Quota countries.

#### **Module III**

Introduction to Garment Industry: Woven Garment Industry, Knitted Garment Industry – Components of Apparel Industry – Raw material of Apparel Industry – Fibre Development and production – Major fabric centres in India - Apparel Industry in India - Export Industry – APEC – GEA – AHEA.

#### **Module IV**

Garment Exports Entitlements Policy – APECs rule in the Administration of Exports Entitlements Policy – Indian Institutional Infrastructure for Export – Letter of credits, credits and packaging – FOB Value.

#### **Module V**

Multinational Marketing – Export Procedure – Document connected with Exports Exchange Control regulation i to exports – E-commerce – Shipping and Shipment document.

#### **Reference books**

1. *International Marketing: Varshney & Maheshwari – Sultan Chand & Co. Export Marketing: Rathore. D.S. & J.S. Rathore International Business Enviornment: Sundram & Black*

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

### **FDT 406**

#### **EXPORT SAMPLING (PRACTICAL)**

Students will be given export order or export enquiry and they are asked to design the samples as per the specification given and also prepare a report containing the following details

1. Yarn details and composition
2. Design details
3. Fabric consumption per garment
4. Fabric details – design, machine etc.
5. Size details
6. Factory cost of garment

(Total 6 export and 6 export enquiries shall be given)

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 407**

### **FOREIGN LANGUAGE**

There are three international languages listed below from which only one will be taught to be students.

- French
- German
- Italian

### **FRENCH LANGUAGE**

#### **Grammaire: Module I**

Genre, Article défini et indéfini. Singulier et Pluriel, Nombres – cardinaux et ordinaux, Prononciation.

#### **Module II**

Nom, Pronom, Vocabulaire, Préposition et adjectif (Qualificatif, Possessif et démonstratif)

#### **Module III**

Le Verbe (Conjugaison); Présent, passé et futur

#### **Texte:**

#### **Module IV**

Leçon 1- 14 Vocabulaire, grammaire

#### **Module V**

Leçon 15 – 25 Vocabulaire, grammaire **Livre** Cours de Langue et de civilisation Françaises

#### **Reference Book**

G. MAUGER

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 408**

### **GARMENT CONSTRUCTION-IV (Lab)**

**Objective:** *The subject develops the application of different techniques used for garment construction with different garment component through creative application. Integrative co-relation of learning about construction of Indian traditional garments is achieved.*

#### **Module I**

Jackets (Different designs)

#### **Module II**

Constructing various variation of trousers and pants Indian Wear

#### **Module III**

Different designs of Kurta

#### **Module IV**

Different designs of Pyjama

#### **Module V**

Different designs of Salwars

#### **Reference books**

1. *Garment Sewing Guide*
2. *Fashion Design: H.A. Armstrong*
3. *Metric Pattern Cutting: Winfred Aldrich*
4. *Pattern Making made easy: Gollian Holiman*
5. *Fabric, from and flat pattern cutting: Winfred Aldrich*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 409**

**Internship**

***Objective: :***

- a. Identification (name, headquarters, legal documents, size, history...)*
- b. Settlement Area (settlement area in Lebanon or abroad)*
- c. Presentation of the activity sector (creation, manufacturing, subcontracting, distribution, press office, style office etc.); sector (couture, prêt-a porter, mass production); types of products (Women, men, children etc.); different lines (casual wear; swimwear; lingerie, accessories, evening dresses)*
- d. Organizational chart*
- e. Relationships with the external environment (optional)*

Student in internship will understand the retail industry as per Market Value & Customer satisfaction.

It also provides the students to interact with Garment industry. They got knowledge about the culture of industry.

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

### **FDT 501**

#### **PATTERN MAKING – IV**

**Objective:** *The subject initiates the students to Pattern Making for Indian apparel. Analysis of existing garments and creation of patterns for Indian ethnic garment styles are the prime focus.*

#### **Module I**

Party wear gowns

#### **Module II**

Bridal Blouse in different designs.

#### **Module III**

Bridal Lahenga in different designs

#### **Module IV**

Knitwear Garment

#### **Module V**

Design collection.

#### **Reference books**

1. *Manuals of different companies*
2. *How to make sewing Pattern : Maccam, Dinald H*
3. *Apparel Manufacturing: Handbook – Jacob Solinger*
4. *Pattern making for Fashion Design: H.G.Armstrong*

**MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

**FASHION DESIGNING & TECHNOLOGY**

**FDT 502**

**COMPUTER AIDED DESIGNING – III (Lab)**

**Objective:** *Draft the pattern, cut and construct the following styles using cad software:*

**Module I**

Men's Shirt

**Module II**

Women's bodice – Women's – Shirt – Kids wear for various age groups.

**Module III**

Ladies skirt - Women's night wears - Women's evening dress

**Module IV**

Trousers and Trouser's Variation

**Module V**

Grading of different garments.

**Reference books**

1. *Using software manual of Lectra or Gerber Technology*

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 503**

### **FASHION FORECASTING FOR INDIAN RETAIL (Theory)**

**Objective:** *The subject addresses the relevance of fashion forecasting in the Fashion Business in the context of Indian markets with an understanding of consumer behaviour and development of skills of interpretation, application and methodology of forecasting at various levels in fashion business in India.*

#### **Module I - INTRODUCTION TO TRENDS INVESTIGATION**

What trends investigation represents in today's society and market. Discuss the terminologies and methodologies of trends and the tools needed to be a successful investigator. A general overview of the micro, macro and megatrends that currently surround the area of communication, culture, design and society.

#### **Module II- ENVIRONMENT**

Determine the fashion-buying environment, buying function, buying cycle and the supplier/buyer relationship. Identify the relevance of forecasting, range planning and market forces on fashion buying.

Evaluate the relevance of sourcing and supply chain management and distribution on the fashion industry. Evaluate the evolving retailer trends on fashion buying and marketing.

#### **Module III - INVESTIGATION TECHNIQUES**

Diffusion theory & tastemaker research, tradeshow reporting, Eco Fashion Trends-introduction into the world of ecologically responsible fashion and the current trends affecting it.

#### **Module IV - ANALYSIS**

**Forecasting Agencies-** A brief overview will be given of the key agencies working in (fashion) forecasting, how they present their findings, the profiles of their employees, target audience and how they differentiate themselves.

#### **Module V - EVIDENCE WALLS, CARTOGRAMS AND TREND BOARDS**

A final trend board will be created highlighting the key colors, silhouettes, materials, related products and people and final project for Indian retail.

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 504**

### **DESIGN SPECIALIZATION (Lab)**

**Objective:** *To learn designing of different types of garments with various fabrics for different categories.*

#### **Module I**

Designing of specialized ladies garments – blouse & choli – midis, skirts – night wears

#### **Module II**

Designing of ladies garments for party wears – Casual wears.

#### **Module III**

Designing of specialized men's wear – various types of knitted T-shirts for formal and casuals – over dresses

#### **Module IV**

Designing of specialized men's wear – various sports / games garments – shorts – trousers – night wear – party wear

#### **Module V**

Designing of specialized kid's wear for 1 to 5 year Age group

Designing of knitted garments for teen ages / school going boys and girls.

#### **Reference books**

1. *The style source book: Judith Miller, Stewart, Tabori & Chang*
2. *Naturally 70's Fabric: Constance Korosec & Leslie Pina*
3. *Natural Fabrics: Ian Mankin*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 505**

**TERM GARMENT REPORT & VIVA VOCE**

**Objective:** *Term garment is the culmination of all that the students learn in the four semesters in all the subjects. Therefore the designing of term garment should include the concept taken from the different subjects.*

**Methodology**

1. Work in a group of 5-6 students / or individually
  1. Innovative Silhouette.
  2. Avoid repetitive styles, silhouettes and colour.
  3. Use material with soft fall and fashion fabrics
  4. Work on the accessories for the garments.
  5. Each collection should have –Theme

**Key words:-**

- Season
- Categories
- Target Market
- Customer profile
- Age group
- Income
- Taste and preferences
- Fabrics (construction course)
- Colours
- Silhouettes
- Accessories
- No. of garments
- Detail of garments, etc.

Students should choose a theme and the theme should provide for a wide scope for interpretation and adaptation.

**Evaluation of term garment will be based on external and internal faculty and can be presented in the form of exhibition display or fashion show.**

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

**FDT 506**

### **CRAFT BASED PRODUCT DEVELOPMENT VIVA VOCE**

**Objective:** *This subject attempts to create an awareness and appreciation of the traditional methodology of a particular craft through the entire process of survey, conceptualization of design, interaction with facilitators, prototype development, manufacturing, marketing, and management procedures.*

#### **Module I- Paper**

Different types of papers, origami, kirigami, quilling, paper mashe

#### **Module II- Yarn**

Macrame, knot making, crochet, Hand knitting.

#### **Module III- Metal wire**

Model making & useful products with metal wires.

#### **Module IV- Reconstruction**

Making new product from old scrap & unused things around us.

#### **Module V-Product making**

Product making including all the techniques which has been taught in previous modules

(Paper, yarn, metal etc.)

**FASHION DESIGNING & TECHNOLOGY**

**FDT 507**

**FASHION MERCHANDIZING& MARKETING**

**Objective:** *The subject introduces students to display design for show windows, exhibits, in-store display, etc especially high fashion garments. The focus is on conceptualization and critiquing of innovative modes of presentation for functional & decorative units for display and exhibit.*

**Module I – Introduction to the field of Fashion Merchandising**

Fashion Merchandising – definition, Industry levels: primary, secondary, retailing and auxiliary services Career possibilities: desired characteristics, locals of employment and potential growth, components of each.

**Module II – The Dynamics and Components of Fashion**

The nature of fashion – Environmental influences on fashion interest and demand – The movement of fashion from the idea or concept, through culmination and obsolescence – The identification of and importance of fashion leadership and the implications for the fashion business.

**Module III – Retail Merchandisers of Fashion Goods**

Types of retail distribution and the role of each in the merchandising process – The interpretation of customer demand and the importance of same to retailers – the variety of promotional tools available to retailers – coordination of all retail functions and the relating of these functions to company image – manufacturers of women's and children's apparel, manufacturers of men's and boy's apparel, manufacturers of accessories and cosmetics, Domestic and foreign market centres.

**Module IV – Forecasting, Trade show, Marketing and Supportive functions of the industry.**

Forecasting – meaning – forecasting techniques – checkpoint for forecasting – check print media: fashion magazines, trade publication and general consumer publications. Broadcast media: Television and Radio. Advertising, publicity and public relations agencies. Consultants and market research agencies.

**Module V – Visual merchandising and expediting**

Visual merchandising techniques – merchandising ladder – factors for route card – preparation – effective 3 expediting procedures – samples and types of samples – functions of merchandisers. Brand – meaning and definition – types of brands perceptual mapping – branding strategies.

**Methodology: Make a group of 5-6 students & work on the project.**

**Reference books**

1. *Principles of marketing: Phillip Kotler*
2. *Fashion marketing: Mike Easey (ED), Blackwell Science*

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

3. *Newspapers*
4. *TEA & APEC Publication*
5. *Fashion Merchandising and Introduction: Elaine stone and Jean A. samples*

**FASHION DESIGNING & TECHNOLOGY**

**FDT 508**

**Design collection-I (Project)**

**(REPORT & VIVA VOCE)**

**Objective:1** The subject aims to provide students with thinking tools that are collaborative and stimulating. Students are encouraged to think beyond the initial 'safe' ideas and develop innovative solutions.

**Objective:2** This Subject provide you the range of pieces may be inspired by a trend, theme or design direction reflecting cultural and social influences, and it is usually designed for a season or particular occasion.

**Objective:3** Knitting has been practiced as a craft in many parts of the world from ancient times. knitting industry monopolised in the field of under wears, socks, stockings, jackets and sports wear. Recently, there has been a spurt in the demand for knitted garments which are used as outer garments also.

**Module I**

Bridal Blouse and lahenga in different designs.

**Module II**

Designer Knitwear Garment

**Module III**

Creative thinking skills

Students during this semester are required to develop garments with their own creativity using a theme. Evaluation will be done by internal as well as external jury on the basis of:

**Bridal Lahenga & knitwear garment**

1. Work individually
2. Innovative idea & concept for creating garment
3. Creative silhouettes
4. Use Designer and knitted fabric with soft hand feel
5. Collection should have these following-
  - Themes search
  - Research on theme
  - Garment construction and detailing
  - Visual research
  - Mind mapping
  - Theme selection
  - Mood
  - Client
  - Age group
  - Market research

# **MATS UNIVERSITY,** REGULATION, SCHEME AND SYLLABI

## **FASHION DESIGNING & TECHNOLOGY**

- Trend research
- Scrapbook of doodling & sketches
- Flat sketches
- Croquis
- Tech-pack
- Fabric & trim details
- Cost sheet
- Photo shoot of garment
- Displaying and Presentation through fashion show.

### ***Creative thinking Skills***

#### ***Introduction***

Understanding why creative thinking skills are important, learning objectives, what is creative thinking.

#### ***Approaches Involved in Creative Thinking Skills***

Engaging in reflection, approaches necessarily involve making lots of suggestions, making mistakes, learning from what has not worked

#### ***Creative Thinking Strategies***

Brainstorm ideas on one topic, play with an idea, Draw / paint a theory, mind influenced by new stimuli, idea book.

#### ***Creative Thinking Challenges***

'Practicing' creative thinking skills through a variety of exercises and activities, developing original approaches, defining and solving problems,

#### ***Organizing Elements***

Inquiring – identifying, Generating ideas, possibilities and actions, Reflecting on thinking and processes, Analysing.

#### ***Reference books***

1. *Metric Pattern Cutting: Winfred Aldrich*
2. *Pattern Making Made Easy: Gollian Holiman*
3. *Fabric, form and Flat Pattern Cutting: Winfred Aldrich*

**FDT 509**

**GARMENT CONSTRUCTION – V (Lab)**  
**(REPORT & VIVA VOCE)**

**Objective:** This Subject provide you the range of pieces may be inspired by a trend, theme or design direction reflecting cultural and social influences, and it is usually designed for a season or particular occasion.

**Objective:** Knitting has been practiced as a craft in many parts of the world from ancient times. knitting industry monopolised in the field of under wears, socks, stockings, jackets and sports wear. Recently, there has been a spurt in the demand for knitted garments which are used as outer garments also.

**Module I**

Party wear gowns (Knitwear and other fabric)

**Module II**

Bridal blouse in different designs.

**Module III**

Bridal in lehenga or Sari different designs

**Module IV**

Handloom male garment

**Module V**

Handloom female garment

Students during this semester are required to develop garments with their own creativity using a theme. Evaluation will be done by internal as well as external jury on the basis of:

- Theme selection
- Research on theme
- Garment construction and detailing
- Displaying and Presentation through fashion show.

**Reference books**

1. Metric Pattern Cutting: Winfred Aldrich
2. Pattern Making Made Easy: Gollian Holiman
3. Fabric, form and Flat Pattern Cutting: Winfred Aldrich

**FDT 601**

**PORTFOLIO PRESENTATION  
(REPORT & VIVA VOCE)**

**Objective:** This Subject provides you with an opportunity to start the development of a portfolio for fashion and textile design. Through the creation of the portfolio of work you develop, to an essential level, your understanding of practices, techniques, methodologies and skills required for fashion and textile design.

**A Statement of Style:**

Students should develop six collections with their own creativity using a theme and should develop Presentation Boards, Flats specs. Evaluation will be made by team consisting internal & external examiners will evaluate the portfolio submitted by the candidate. One of the same theme can be selected for Design Collection.

**FDT 602**

## **APPAREL QUALITY STANDARD & MANAGEMENT**

**Objective:** Students understand the importance of quality as a crucial function in an apparel organization. The students learn about the various procedures followed to control quality through testing, setting and following laid down standards as well as developing company specific standards.

### **Module I – Nature of Management**

Concept of management, management and administration importance, nature of management, Science or Art management as a profession – Tailor and scientific management – Fayol's administration management, concept planning, Decision Making Process, Effective Decision Making, fundamental of organizing. Design of fundamental structure.

### **Module II – Environment analysis for quality.**

Analysis of garment manufacture processes and casual factors: material quality requirements, costs and productivity. Purchasing by specification : physical characteristics processing and applied properties, visual defects. Use of standard and testing method. Assessing the business environment based on quality concepts and its impact on business strategy. Industry analysis for quality techniques for environment analysis.

### **Module III – Quality Standards for fabrics in India**

Indian quality standards for various fabrics: Silk Mark, Handloom Mark, Six Sigma, Handicraft Mark, Juran's Trilogy, Quality Management, ISO - 9000.

### **Module IV – Internal Analysis and Diagnosis of Firm, based on Quality Planning & Analysis**

Assessing internal strength and weakness in respect of various areas of firm; Marketing, Production and operation, Human resources, Finance and Accounting, R&D and Engineering etc. Techniques for internal analysis.

### **Module V – The nature of Strategic Management**

Concept of strategic management and its role in quality management. Strategic management elements mission, objectives, goals, goals strategies and policies with emphasis on quality issues.

### **Reference Book**

1. *Managing Quality in the Apparel Industry*, **Mehta, Pradip V.**, Fellow, Textile Institute, U.K. and American Society for Quality.
2. *Total Quality Management (TQM)*, Moin.S Khan, DKTE's Textile and Engineering Institute,

**FDT 603**

**VISUAL MERCHANDISING & EXHIBITION  
(REPORT & VIVA VOCE)**

**Objective :-**Use Visual merchandising to create eye-catching product displays and store layouts for retail shop with the combination of creativity, technical knowledge and operational aspects of merchandise and to enhance, establish and promote the store's visual image for better customer experience

**VM Model:-**Students shall work in groups to create a miniature model of a store (any existing brand) following all the visual merchandising techniques and market survey . Model should be replica of original store layout, student should display similar fixtures .

**Exhibition:-**Student shall display their term garment,design collection and knitwear garments keeping in mind categorical display of products as done in retail stores with proper signage.

**Key Words**

Facade window

Cluster theme

Colour theory

Lighting

Sound

Price tag

Signage

Fixtures

Lifestyle display

***Reference books***

*Fashion Merchandising and Introduction: Elaine Stone and Jean A. Samples*

**FDT 604**

**INTERNSHIP  
(PRODUCTION HOUSE)  
(REPORT & VIVA VOCE )**

**Objective:** a. *Identification (name, headquarters, legal documents, size, history...)*

b. *Settlement Area (settlement area in Lebanon or abroad)*

c. *Presentation of the activity sector (creation, manufacturing, subcontracting, distribution, press office, style office etc.); sector (couture, prêt-à porter, mass production); types of products (Women, men, children etc.); different lines (casual wear; swimwear; lingerie, accessories, evening dresses)*

d. *Organizational chart*

e. *Relationships with the external environment (optional)*

Student will learn the process of making the particular merchandizing from initial level to final level in production unit.

It also provides the students to interact with Garment industry. They got knowledge about the culture of industry.

**FDT 605**

**INTERNSHIP  
(RETAIL EXPORT)  
(REPORT & VIVA VOCE )**

***Objective: :***

- a. Identification (name, headquarters, legal documents, size, history...)*
- b. Settlement Area (settlement area in Lebanon or abroad)*
- c. Presentation of the activity sector (creation, manufacturing, subcontracting, distribution, press office, style office etc.); sector (couture, prêt-à porter, mass production); types of products (Women, men, children etc.); different lines (casual wear; swimwear; lingerie, accessories, evening dresses)*
- d. Organizational chart*
- e. Relationships with the external environment (optional)*

Student in retail internship will understand the retail industry as per Market Value & Customer satisfaction.

It also provides the students to interact with Garment industry. They got knowledge about the culture of industry.