

## **BACHELOR OF SCIENCE - COSTUME DESIGN AND FASHION REGULATIONS**

### **ELIGIBILITY**

A candidate who has passed in Higher Secondary Examination with any Academic stream or Vocational stream as one of the subject under Higher Secondary Board of Examination and as per the norms set by the Government of Tamil Nadu or an Examination accepted as equivalent thereto by the Academic Council, subject to such conditions as may be prescribed thereto are permitted to appear and qualify for the **Bachelor of Science (Costume Design and Fashion)** Degree Examination of this College after a course of study of three academic years.

### **OBJECTIVES OF THE COURSE**

The Curriculum is designed to attain the following learning goals which students shall accomplish by the time of their graduation:

1. To educate the students about textiles and garment industries
2. To train the students with technical knowledge in textiles/fashion designing and manufacturing processes
3. To enhance creativity in fashion designing and to develop entrepreneur skills
4. To impart managerial and merchandising abilities

## SCHEME OF EXAMINATION

Subject Code	Subject	Hrs of Instruction	Exam Duration (Hrs)	Max Marks			Credit Points
				CA	CE	Total	
First Semester							
Part- I							
15UTL11T/ 15UHL11H/ 15UML11M/ 15UFL11F	Tamil-I/ Hindi-I/ Malayalam-I/ French-I	6	3	25	75	100	4
Part- II							
15UEG12E	English-I	6	3	25	75	100	4
Part- III							
15UCF13A	Paper I- Fundamentals of Apparel Designing	4	3	20	55	75	3
15UCF13B	Paper II- Principles of Pattern Making	4	3	20	55	75	3
15UCF13P	Paper III- Fundamentals of Apparel Designing- Practical	4	3	30	45	75	3
15UCF13Q	Paper IV- Basic Illustration- Practical	4	3	30	45	75	3
Part- IV							
15UFC 1FA	Environmental Studies	2	3	-	50	50	2
		30				550	22

  
 BoS Chairman/HoD  
 Department of Costume Design & Fashion  
 Dr. N. G. P. Arts and Science College  
 Coimbatore - 641 048

  
 Dr. P. R. MUTHUSWAMY  
 PRINCIPAL  
 Dr. NGP Arts and Science College  
 Dr. NGP - Kalapatti Road  
 Coimbatore - 641 048  
 Tamilnadu, India

**B.Sc - CDF (Students admitted from 2015-2016 Onwards)**

<b>Second Semester</b>							
<b>Part- I</b>							
15UTL21T/ 15UHL21H/ 15UML21M/ 15UFL21F	Tamil-II/ Hindi-II/ Malayalam-II/ French-II	6	3	25	75	100	4
<b>Part- II</b>							
15UEG22E	English-II	6	3	25	75	100	4
<b>Part- III</b>							
15UCF23A	<b>Paper V-</b> Fashion Designing	3	3	20	55	75	3
15UCF23B	<b>Paper VI-</b> Sewing Technology	4	3	20	55	75	3
15UCF23P	<b>Paper VII-</b> Children's Apparel- Practical	5	4	40	60	100	4
15UCF23Q	<b>Paper VIII-</b> Fashion Designing- Practical	4	3	30	45	75	3
15UFC23T	Industrial Training (Weaving/ Knitting/ Processing)	-	-	50	-	50	2
<b>Part- IV</b>							
15UFC2FA	Value Education- Human Rights	2	3	-	50	50	2
		<b>30</b>				<b>625</b>	<b>25</b>
<b>Third Semester</b>							
<b>Part- III</b>							
15UCF33A	<b>Paper IX-</b> Fiber to Fabric	5	3	20	55	75	3
15UCF33B	<b>Paper X-</b> Computer in the Garment Industry	4	3	20	55	75	3

**B.Sc - CDF (Students admitted from 2015-2016 Onwards)**

15UCF33C	<b>Paper XI-</b> Fashion and Clothing Psychology	4	3	20	55	75	3
15UCF33P	<b>Paper XII-</b> Women's Apparel- Practical	6	4	40	60	100	4
15UCF33Q	<b>Paper XIII-</b> Fiber to Fabric- Practical	4	3	30	45	75	3
<b>Part- IV</b>							
15UCF34P	<b>Skill based Subject-I</b> Embroidery Techniques- Practical	3	3	30	45	75	3
	NMEC- I	2	-	-	50	50	2
15UFC3FA	Tamil / Advanced Tamil (OR) Yoga for Human Excellence / Women's Rights	2	3	-	50	50	2
		<b>30</b>				<b>575</b>	<b>23</b>
<b>Fourth Semester</b>							
<b>Part- III</b>							
15UCF43A	<b>Paper XIV-</b> Textile Processing and Dyeing	5	3	20	55	75	3
15UCF43B	<b>Paper XV-</b> Traditional Textiles and Costumes of India	5	3	20	55	75	3
15UCF43P	<b>Paper XVI-</b> Men's Apparel- Practical	6	4	40	60	100	4

**B.Sc - CDF (Students admitted from 2015-2016 Onwards)**

15UCF43Q	<b>Paper XVII-</b> Textile Processing- Practical	3	3	30	45	75	3
15UFC43T	Internship in the export garment unit	-	-	50	-	50	2
15UPA4AE	<b>Allied Paper I-</b> Accounting and Business Management	4	3	25	75	100	4
<b>Part IV</b>							
15UCF44P	<b>Skill based subject-II</b> Draping- Practical	3	3	30	45	75	3
	NMEC- II	2	-	-	50	50	2
15UFC4FA	Tamil / Advanced Tamil (OR)General Awareness	2	3	-	50	50	2
		<b>30</b>				<b>650</b>	<b>26</b>
<b>Fifth Semester</b>							
<b>Part III</b>							
15UCF53A	<b>Paper XVIII-</b> Fabric Structure and Design	5	3	25	75	100	4
15UCF53P	<b>Paper XIX-</b> Textile Printing- Practical	5	3	30	45	75	3
15UCF53Q	<b>Paper XX-</b> Computer Aided Design (CAD)- Practical- I	7	4	40	60	100	4
15UCF53R	<b>Paper XXI-</b> Fabric Structure and Design- Practical	4	3	30	45	75	3

**B.Sc - CDF (Students admitted from 2015-2016 Onwards)**

15UCF5EA 15UCF5EB 15UCF5EC	ELECTIVE- I	4	3	25	75	100	4
<b>Part IV</b>							
15UCF54A	<b>Skill based subject-III</b> Textile Printing Methods	5	3	20	55	75	3
		<b>30</b>				<b>525</b>	<b>21</b>
<b>Sixth Semester</b>							
<b>Part III</b>							
15UCF63A	<b>Paper XXII-</b> Knitting	5	3	20	55	75	3
15UCF63P	<b>Paper XXIII-</b> Computer Aided Design (CAD) Practical-II	7	3	40	60	100	4
15UCF63Q	<b>Paper XXIV-</b> Knitting- Practical	4	3	30	45	75	3
15UCF6EA 15UCF6EB 15UCF6EC	ELECTIVE- II	5	3	25	75	100	4
15UCF6ED 15UCF6EE 15UCF6EF	ELECTIVE- III	5	3	25	75	100	4
<b>Part IV</b>							
15UCF64V	<b>Skill based subject-IV</b> Fashion Portfolio Presentation (Project and Viva Voce)	4	-	30	45	75	3
<b>Part V</b>							
15UEX65A	Extension Activity	-	-	50	-	50	2
		<b>30</b>				<b>575</b>	<b>23</b>
<b>TOTAL</b>						<b>3500</b>	<b>140</b>

**ELECTIVE- I**

(Student shall select any one of the following subject as Elective in fifth semester)

S. No	Subject Code	Name of the Subject
1.	15UCF5EA	Garment Quality and Cost Control
2.	15UCF5EB	Textile Finishing
3.	15UCF5EC	Nuances of Creative Designing

**ELECTIVE- II**

(Student shall select any one of the following subject as Elective in sixth semester)

S. No	Subject Code	Name of the Subject
1.	15UCF6EA	Apparel Marketing and Merchandising
2.	15UCF6EB	Principles of Textile Testing
3.	15UCF6EC	Home Textiles

**ELECTIVE- III**

(Student shall select any one of the following subject as Elective in sixth semester)

S. No	Subject Code	Name of the Subject
1.	15UCF6ED	International Trade and Documentation
2.	15UCF6EE	Introduction to Technical Textiles
3.	15UCF6EF	Retail Management

### NON MAJOR ELECTIVE COURSE

1. The Department offers the following two papers as Non Major Elective Course for other than the Costume Design and Fashion students.
2. Student shall select the following subject as Non Major Elective Course during their third and fourth semester

S. No	Semester	Course Code	Course Title
1.	III	15UED34H	Surface Embellishment
2.	IV	15UED44H	Textile Printing

### FOR COURSE COMPLETION

Students should complete:

1. Language (Tamil/Malayalam/French/Hindi) and English papers in I and II semester.
2. Environmental Studies and Human Rights in I and II semester respectively.
3. Allied paper in IV semester.
4. Non Major Elective Course in III and IV semester respectively.
5. Extension activity in VI semester.
6. Elective papers in the V and VI semesters.
7. An industrial training (weaving/knitting/processing) at the end of II semester for 15 days.
8. Internship in the Export Garment unit at the end of IV semester for 15 days.



## Total Credit Distribution

Subjects	Credits	Total		Total Credits	Cumulative Total
Part I: Tamil	4	2x 100	200	08	16
Part II: English	4	2x 100	200	08	
Part III:					
Paper	4	1 x 100	100	04	98
Paper	3	10 x 75	750	30	
Elective	4	3x 100	300	12	
Practical	4	5 x 100	500	20	
Practical	3	8 x 75	600	24	
Industrial Training	2	2 x 50	100	04	
Allied Theory	4	1 x 100	100	04	
Part IV:					
Skill Based Subject	3	4x 75	300	12	24
Value Education	2	2 x 50	100	04	
Environmental Studies	2	1 x 50	50	02	
General Awareness	2	1 x 50	50	02	
NMEC	2	2 x 50	100	04	
Part V:					
Extension Activity	2	1 x 50	50	02	02
Total			3500	140	140

15UTL11T	பகுதி -1 தமிழ் தாள்	முதல் பருவம்
----------	---------------------	--------------

Total Credits: 4  
Hours Per Week: 6

(ஓர் ஆண்டு தமிழ் பயிலும் மாணவர்களுக்கு உரியது)  
இக்காலஇலக்கியம்- நீதி இலக்கியம் – சிற்றிலக்கியம்

**அலகு-1 இக்காலஇலக்கியம் (கவிதை,சிறுகதை,உரைநடை)**

1. பாரதியார் – எங்கள் தாய்
2. பாரதிதாசன் – வாழ்வு
3. மு.மேத்தா – மரங்கள்
4. சிற்பி – சர்ப்பயாகம்
5. சல்மா – விலகிப்போகும் வாழ்க்கை
6. ஜெயகாந்தன் – இனிப்பும் கரிப்பும்
7. அம்பை – வல்லாறுகள்
8. முனைவர் வ.சுப மாணிக்கம் – சங்க நெறிகள்
9. சோ.நா. கந்தசாமி - தமிழர் பண்பாடு - ஒரு விளக்கம்

**அலகு - 2 நீதி இலக்கியம்**

- 1.நாலடியார் - அறிவுடைமை (அதிகாரம்-25)
- 2.மூதுரை - 5 பாடல்கள் (பா.எண் : 6,16,17,23,26)
- 3.பழமொழி நானூறு - முயற்சி(10 பாடல்கள்)
- 4.நான்மணிக்கடிகை - 5 பாடல்கள் (பா.எண் :1,5,7,8,9)
- 5.திரிகடுகம் - 5 பாடல்கள் (பா.எண் :2,3,5,6,8)

**அலகு -3 சிற்றிலக்கியம்**

- 1.தமிழ் விடுதூது – தூதுப் பொருள்கள்(101-112)
2. திருக்குற்றாலக் குறவஞ்சி – குறத்தி மலைவளம் கூறுதல் (6பாடல்கள்)
- 3.முக்கூடற் பள்ளு – பள்ளியர் ஏசல் (161-175)
- 4.கலிங்கத்துப்பரணி – இந்திர சாலம் (154-178)
- 5.அபிராமி அந்தாதி -10 பாடல்கள்  
பாடல் எண்: (2,4,6,11,20, 26,63, 69,71,82)

**அலகு -4 இலக்கிய வரலாறு**

1. தமிழ்க் கவிதையின் தோற்றமும் வளர்ச்சியும்
2. தமிழ் சிறுகதையின் தோற்றமும் வளர்ச்சியும்
3. தமிழ் உரைநடையின் தோற்றமும் வளர்ச்சியும்

**அலகு - 5 இலக்கணம்**

1. வல்லினம் மிகும் ,மிகா இடங்கள்
- 2.பெயர் ,வினை,இடை , உரிச் சொற்களின் பொது இலக்கணம்
- 3.பிறமொழிச்சொற்களைத் தமிழ்ச் சொற்களாக மாற்றுதல்  
(வடமொழி – தமிழ், ஆங்கிலம் – தமிழ்)
- 4.பயிற்சிக்குரியன (கவிதை ,சிறுகதை,கட்டுரை படைத்தல்)

**பார்வை நூல்கள்:**

1. தமிழ்த்துறை வெளியீடு
2. இலக்கிய வரலாறு – பேராசிரியர் முனைவர் பாக்யமேரி

15UHL11H	PART-I: HINDI-I	SEMESTER- I
----------	-----------------	-------------

Total Credits: 4

Hours Per Week: 6

**Prose, Non-detailed Text, Grammar & Translation Books Prescribed:**

**1. PROSE : Nuthan Gadya Sangrah**

Editor: Jayaprakash (Prescribed Lessons – only 4)

Lesson 1 - Razia

Lesson 2 – Makreal

Lesson3- Bahtha Pani Nirmala

Lesson 4 – Rashtrapitha Mahathma Gandhi

**Publisher:** Sumitra Prakashan Sumitravas,  
16/4 Hastings Road,  
Allahabad – 211 001.

**2. NON DETAILED TEXT: Kahani Kunj.**

**Editor:** Dr.V.P.Amithab. (Stories 1 -4 only)

Publisher : Govind Prakashan Sadhar Bagaar,  
Mathura,  
Uttar Pradesh – 281 001.

**3. GRAMMAR :** Shabdha Vichar ( Sangya, Sarvanam, Karak,  
Visheshan) ONLY (Noun, Pronoun, Adjective, Case  
Endings) Theoretical & Applied. Book for

**REFERENCE BOOKS:** Vyakaran Pradeep by Ramdev.

Publisher : Hindi Bhavan,  
36,Tagore Town Allahabad – 211 002. 4.

**4. TRANSLATION:** English- Hindi only. Anuvadh Abhyas – III  
(1-10 lessons Only)

**Publisher:** Dakshin Bharath Hindi Prachar Sabha  
Chennai -17.

**5. COMPREHENSION:** 1 Passage from ANUVADH ABHYAS – III  
(16- 30) Dakshin bharath hind  
prachar sabha Chennai- 17.

15UML11M	PART-I: MALAYALAM-I	SEMESTER-I
----------	---------------------	------------

**Total Credits: 4**  
**Hours Per Week: 6**

**Paper I Prose, Composition & Translation**

This paper will have the following five units:

**UNIT I &II** - Novel

**UNIT III & IV** - Short story

**UNIT V** - Composition & Translation

**TEXT BOOKS:**

UNIT I &II - Naalukettu – M.T. Vasudevan Nair (D.C. Books, Kottayam, Kerala)

UNIT III & IV - Manikkianum Mattu Prathana Kathakalum –  
Lalithampika

Antharjanam (D.C.Books, Kottayam, Kerala)

UNIT- V - Expansion of ideas, General Essay and Translation of a simple  
passage from English about **100** words) to Malayalam

**REFERENCE BOOKS:**

1. Kavitha Sahithya Charitram –M.Leelavathi (Kerala Sahithya Academy, Trichur)
2. Malayala Novel sahithya Charitram –K.M.Tharakan(N.B.S. Kottayam)
3. Malayala Nataka Sahithya Charitram- G.Sankarapillai (D.C.Books, Kottayam)

4. Cherukatha Innale Innu -M.Achuyuthan(D.C. Books, Kottayam)
5. Sahithya Charitram Prasthanangalilude- K.M. George,(Chief Editor) D.C. Books, Kottayam)

15UFL11F	PART-I: FRENCH-I	SEMESTER- I
----------	------------------	-------------

Total Credits: 4

Hours Per Week: 6

## French Language for Under-graduate Degree Programmes

Compétence Culturelle	Compétence De communication	Compétence grammaticale
<b>UNITÉ 1 - Ici, en France</b>		
<ul style="list-style-type: none"> <li>• Moi et les Autres</li> <li>• La France Express</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: s'identifier</li> <li>• RÉCEPTION ECRITE: Comprendre une annonce d'aéroport</li> <li>• RÉCEPTION ORALE: comprendre l'écrit de la rue (Panneaux, plaques, rues...)</li> <li>• PRODUCTION ÉCRITE: écrire un SMS</li> </ul>	<ul style="list-style-type: none"> <li>• Le présent des verbes: Je suis, je reste, J'arrive</li> <li>• Le lieu: (je suis) à... (je suis) ici</li> <li>• L'infinif</li> </ul>
<b>UNITÉ 2 - Ici, en classe</b>		
<ul style="list-style-type: none"> <li>• Moi et le français</li> <li>• Le français dans le monde</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: Se présenter</li> <li>• RÉCEPTION ORALE: Comprendre des consignes Orales</li> <li>• RÉCEPTION ÉCRITE: Comprendre une fiche D'inscription</li> <li>• PRODUCTION ÉCRITE: écrire un texte à l'impératif</li> </ul>	<ul style="list-style-type: none"> <li>• Tu/vous</li> <li>• Le présent des Verbes en-er et de être: je, tu, vous</li> <li>• La forme Impérative (tu, vous) Des verbes en-er</li> </ul>
<b>UNITÉ 3 - Samedi</b>		
<ul style="list-style-type: none"> <li>• Le fil du temps</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: S'informer</li> <li>• RÉCEPTION ORALE: Comprendre une annonce</li> <li>• RÉCEPTION ÉCRITE: Comprendre un article (titres et illustrations)</li> <li>• PRODUCTION ÉCRITE: écrire des slogans</li> </ul>	<ul style="list-style-type: none"> <li>• Les articles Définies: le, la, les</li> <li>• A, de+le, la, les: Au, aux, du, des, à l', de l'</li> <li>• Être (présent) l'heure</li> <li>• Il faut+nom Il faut+infinitive</li> <li>• Phrases verbe+complément,</li> </ul>



		Complément+verbe
<b>UNITÉ 4 - Dimanche</b>		
<ul style="list-style-type: none"> <li>• Les activités Culturelles des Français</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: Acheter,demander des Informations</li> <li>• RECEPTION ORALE: Comprendre les Titres du journal à la radio</li> <li>• RÉCEPTION ÉCRITE: Comprendre les Informations</li> <li>• PRODUCTION ÉCRITE: Inventer des noms de journaux</li> </ul>	<ul style="list-style-type: none"> <li>• Faire, present</li> <li>• Avior, present</li> <li>• Ll y a</li> <li>• Le présent des verbes en-er: Regarder</li> <li>• Combien?</li> <li>• Quand?</li> <li>• Complément de nom: Tremblement de terre, les noms de pays....</li> <li>• Du,des,de la(reprise U2)</li> <li>• Les adjectifs possessifs: Mon,ta,son, Ma,ta,sa Mes,tes,ses</li> </ul>
<b>UNITÉ 5 - Dommage!</b>		
<ul style="list-style-type: none"> <li>• Un baby-boom en 2000 et 2001</li> <li>• L'amour, toujours</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: exprimer la tristesse, la peur, conseiller,encourager</li> <li>• RÉCEPTION ORALE: Comprendre une émission De radio</li> <li>• RÉCEPTION ÉCRITE: Comprendre un sondage</li> <li>• PRODUCTION ÉCRITE: écrire des blogs</li> </ul>	<ul style="list-style-type: none"> <li>• Est-ce que</li> <li>• Le present des verbes pouvoir,Vouloir</li> <li>• Le conditionnel des Verbs pouvoir, Vouloir</li> <li>• Ne...pas</li> </ul>

**TEXT BOOK:**

1. *Marcella Di Giura Jean-Claude Beacco, Alors I.* Goyal Publishers Pvt Ltd 86, University Block Jawahar Nagar (Kamla Nagar)  
New Delhi – 110007.

<b>15UEG12E</b>	<b>PART -I: ENGLISH -I</b>	<b>SEMESTER-I</b>
-----------------	----------------------------	-------------------

**Total Credits: 4**  
**Hours Per Week: 6**

**OBJECTIVES:**

1. To develop the language competence of the students.
2. To be enriched with functional English.

**UNIT-I**

**PROSE**

1. My Financial Career – Stephen Leacock
2. At School – Gandhi
3. Ecology – Barry Commoner

**UNIT-II**

**SHORT STORIES**

1. The Gateman's Gift – R.K. Narayan
2. The Open Window – H.H. Munro
3. The Face of Judas Iscariot – Bonnie Chamberlain

**UNIT-III**

**ONE ACT PLAY**

1. The Discovery – Herman Ould

**UNIT-IV**

**FUNCTIONAL GRAMMAR**

1. Vocabulary Exercises
2. Synonyms, Compound Words, etc
3. Communication Skills – Tasks
4. Different types of sentences
5. The Structure of Sentences
6. Transformation of Sentences

## UNIT-V

### COMPOSITION TASKS

1. Greeting, Introducing, Requesting, Inviting
2. Congratulating, Thanking, Apologising, Advice
3. Suggestions, Opinions, Permissions.
4. Comprehension

### TEXT BOOKS:

1. *Seshasayee. N.* 2001. **Honeycomb.** Anu Chitra Publications, Chennai.
2. *Syamala, V.* 2002. **Effective English Communication for You.** Emerald Publisher, Chennai.

### REFERENCE BOOKS:

1. *Rajamanickam. A.* 2001. **Everyman's English Grammar.** Macmillan.
2. *Krishna Mohan and Meera Banerji.* 2005. **Developing Communication Skills.** Macmillan, Chennai.
3. *Wren, P.C. and H. Martin.* 1998. **High School English Grammar and Composition.** Macmillan.

15UCF13A	<b>PAPER- I: FUNDAMENTALS OF APPAREL DESIGNING</b>	<b>SEMESTER- I</b>
----------	--	--------------------

**Total Credits: 3  
4Hours / Week**

**OBJECTIVES:**

1. Basics of garment construction.
2. Understanding style variations.

**CONTENTS**

**UNIT-I**

Parts and functions of a single needle machine, essential tools- cutting tools, measuring tools, marking tools, general tools, pressing tools. Seams and seam finishes- types, working of seams and seam finishes. Hems- types, stitches used.

**UNIT-II**

Fullness- definition, types. Darts, tucks, pleats, flares, godets, gathers, shirrs, frills or ruffles and flounces. Facings- bias facing, shaped facing and decorative facing. Binding- single bias binding, double bias binding.

**UNIT- III**

Plackets- definition, characteristics of a good placket, types- inconspicuous plackets and conspicuous plackets. Method of constructing the same. Fasteners- conspicuous (button and button-holes, button loops, button with holes, shank buttons, eyelets and cords). Inconspicuous (press buttons, hooks and eyes, zips).

**UNIT- IV**

Sleeves- definition, types- set-in-sleeves- plain sleeve, puff sleeve, bishop sleeve, bell, circular. Modified armhole- squared armhole, cap sleeve and magyar sleeve. Sleeve and bodice combined- raglan, kimono and dolman. Yokes- definition, types, simple yoke, yoke with fullness within the yoke, yoke supporting/ releasing fullness.

## UNIT-V

Collars- definition, types- peter pan, scalloped, puritan, sailor, square, rippled, full shirt collar, open collar, chinese, turtle neck, shawl collar. Pockets- definition, types- patch pocket, bound pocket, pocket in a seam, front hip pocket.

### TEXT BOOKS:

1. *Premlata Mullik*, 2002. **Garment Construction Skills**. First Edition, Kalyani Publishers.
2. *Zarapker K. R*, 2014. **Zarapker System of Cutting**. Navneet Publications India Ltd.

### REFERENCE BOOKS:

1. *Gayatri Verma*, 2003. **Cutting and Tailoring Course (Illustrated)**. Asian Publishers.
2. *Gayatri Verma*, 1999. **Cutting and Tailoring Theory**. Asian Publishers.

15UCF13B	<b>PAPER- II: PRINCIPLES OF PATTERN MAKING</b>	<b>SEMESTER- I</b>
----------	--	--------------------

**Total Credits: 3**  
**4Hours / Week**

**OBJECTIVES:**

1. Importance of body measurements.
2. Types of pattern making.
3. Fitting and grading.

**CONTENTS**

**UNIT-I**

Body measurement- importance, preparing for measuring, children, women and men's measurements. Standardizing body measurements- importance and techniques, relative length and girth measures in ladies /gentlemen. Preparation of fabric for cutting- importance of grain in cutting and construction, steps in preparing the fabric for cutting.

**UNIT-II**

Pattern making- method of pattern making (drafting and draping), merits and demerits. Types of paper patterns (patterns for personal measurements and commercial patterns).

Principles of pattern drafting- pattern details, steps in drafting basic bodice (front and back) and sleeve.

**UNIT-III**

Styles created by shifting of blouse darts, adding fullness to the bodice, converting darts to seam and partial yokes and incorporating darts into seams forming yokes.

Fitting- standards of a good fit, steps in preparing a blouse for fitting, checking the fit of a blouse, solving fitting problems in a blouse, fitting techniques.

#### UNIT- IV

Pattern alteration - importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse. Pattern grading- definition, types, manual- master grades, basic front, basic back, basic sleeve and basic collar.

#### UNIT-V

Pattern layout- definition, purpose, rules in layout, types of layouts for length wise stripped designs, fabric with bold designs, asymmetric designs and one way designs. What can be done if cloth is insufficient, fabric cutting, transferring pattern marking, stay stitching, ease stitching.

#### TEXT BOOKS:

1. *Mary Mathews*, 1986. **Practical Clothing Construction- Part I and II**. Cosmic Press, Chennai.
2. *Zarapker. K. R*, 2014. **Zarapker System of Cutting**. Navneet Publications India Ltd.

#### REFERENCE BOOKS:

1. *Helen Joseph Armstrong*, 2006. **Pattern Making for Fashion Design**. Library of Congress-In-Publication Data.
2. *Martin M Shoben*, 1987. **Pattern Cutting and Making Up**. CBS Publishers and Distributors P (Ltd).

<b>15UCF13P</b>	<b>PAPER- III : FUNDAMENTALS OF APPAREL DESIGNING - PRACTICAL</b>	<b>SEMESTER- I</b>
-----------------	---	--------------------

**Total Credits: 3  
4 Hours /week**

**OBJECTIVES:**

1. Basic sewing.
2. Style variations.

**CONTENTS**

**1. Preparation of samples for seams and seam finishes**

**A. Seam**

- (i) Plain seam
- (ii) Top stitched seam
- (iii) Flat fell seam
- (iv) French seam
- (v) Mantua maker seam
- (vi) Piped seam.

**B. Seam finishes**

- (i) Pinked finish
- (ii) Edge stitched finish
- (iii) Double stitch finish
- (iv) Overcast finish
- (v) Herringbone finish
- (vi) Bound seam edge finish.

**2. Preparation of samples for hems**

- (i) Seam binding hem
- (ii) Stitched and turned hem
- (iii) Catch stitched hem
- (iv) Narrow machine stitched hem
- (v) Rolled or whipped hem
- (vi) Shell edged hem

**3. Preparation of samples for fullness**

- (i) Darts
- (ii) Tucks
- (iii) Pleats



- (iv) Flares
- (v) Godets
- (vi) Gathers and Shirrs
- (vii) Frills / Ruffles

**4. Preparation of samples for facing and binding**

**A. Facing**

- (i) Shaped facing
- (ii) Bias facing.

**B. Binding**

- (i) Single bias binding
- (ii) Double bias binding

**5. Preparation of samples for plackets and fasteners**

**A. Plackets**

- (i) Continuous bound
- (ii) Bound and faced placket
- (iii) Zipper placket
- (iv) Tailored Placket

**B. Fasteners**

- (i) Button and Button hole
- (ii) Button loops
- (iii) Snaps / press button
- (iv) Hook and eye

**6. Preparation of samples for sleeve**

- (i) Plain sleeve
- (ii) Puff sleeve (any one type)
- (iii) Raglan sleeve
- (iv) Circular Sleeve
- (v) Cap sleeve

**TEXT BOOKS:**

1. *Premlata Mullik*, 2002. **Garment Construction Skills**. First Edition, Kalyani Publishers.
2. *Mary Mathews*, 1986. **Practical Clothing Construction-Part I and II**. Cosmic Press, Chennai.

**REFERENCE BOOKS:**

1. *Gayatri Verma*, 2003. **Cutting and Tailoring Course (Illustrated)**. Asian Publishers.
2. *Gayatri Verma*, 1999. **Cutting and Tailoring Theory**. Asian Publishers.

15UCF13Q	PAPER- IV: BASIC ILLUSTRATION- PRACTICAL	SEMESTER- I
----------	---	-------------

Total Credits: 3

4Hours / Week

### OBJECTIVES:

1. Different techniques and sketching medium.
2. Basics of fashion sketching.

### CONTENTS

#### UNIT-I

Lines and line drawings- object drawing and perspective view drawings, enlarging and reducing motifs. Learning the usage of various drawing and sketching mediums- pencils, ink, charcoal, brushes and poster colors.

#### UNIT-II

Drawing head, hands, legs and feet in different angles. Learning various types of hair styling. Illustrating different type of ornaments and accessories.

#### UNIT-III

Dividing the figure into various parts using lines like plumb line, center front line, princess line, waistline, side seam, armholes, jewel neckline, panty line, bust line. Practicing the art of creating textures. Basic concept and types of silhouette.

#### UNIT-IV

Proportion study- 8 1/2 and 10 head theory- stick, block and flesh figures for men and women. Drawing the stylized figures of men, women and children (using 10 heads or 12 heads).

#### UNIT-V

Illustrating pattern details- pockets, sleeves, yokes, skirts, trousers, tops. Illustrating details of ruffles, cowls, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces.

**TEXT BOOKS:**

1. *Ireland Patrick John*, 2005. **Fashion Design Illustration: Children**. Om Book International.
2. *Bina Abbing*, 1987. **Fashion Sketch Book**. Fair Child Publications, New York Wardrobe.

**REFERENCE BOOKS:**

1. *Patrick John*, 2005. **Fashion Design Illustration: Men**. Om Book International.
2. *Raviraj*, 2007. **Pencil Shading – Basic Techniques**. [New](#) Century Book House (P) Ltd.

15UTL21T	பகுதி - I: தமிழ் தாள் II	இரண்டாம் பருவம்
----------	--------------------------	-----------------

Total Credits: 4

Hours Per Week: 6

(ஓர் ஆண்டு தமிழ் பயிலும் மாணவர்களுக்கு உரியது) முதல் ஆண்டு

சங்க இலக்கியம்- பக்தி இலக்கியம் – காப்பியம்

**அலகு 1 சங்க இலக்கியம்**

1. நற்றிணை – பாடல் எண் : 210 (நெய்தல்) 'நெடியமொழிதலும் கடிய ஊர்தலும்'
2. குறுந்தொகை – பாடல் 2 , 3 (குறிஞ்சி) 'கொங்குதேர் வாழ்க்கை', 'நிலத்தினும் பெரிதே'
3. கலித்தொகை – பாடல் 16 நெய்தல்கலி - 'ஆற்றுதல் என்பது'
4. புறநானூறு – பாடல் 184, 312 'உற்றுழி உதவியும்', 'ஈன்று புறந்தருதல்'
5. ஐங்குறுநூறு – மருதம் முதல் 5 பாடல்கள் (வேட்கைப் பத்து)

**அலகு -2 காப்பியங்கள்**

1. சிலப்பதிகாரம் – வழக்குரை காதை
2. மணிமேகலை – ஆதிரை பிச்சையிட்ட காதை
3. சீவக சிந்தாமணி- நாமகள் இலம்பகம் (நாட்டு வளம் முதல் 20 பாடல்கள்)
4. கம்பராமாயணம் – வாலிவதைப் படலம் ( வாலி இராமனை வினவுதல். பாடல் எண்கள் (4121 முதல் 4136 வரை)

**அலகு 3 பக்தி இலக்கியம்**

1. தேவாரம் – திருஞானசம்பந்தர் ( கோளறுபதிகம்)
2. திருப்பாவை – ஆண்டாள் (முதல் 15 பாடல்கள்)
3. தேம்பாவணி- காட்சிப்படலம் ( முதல் 15 பாடல்கள்)
4. சீறாப்புராணம் – மானுக்குப் பிணை நின்ற படலம்

**அலகு-4 இலக்கிய வரலாறு**

1. முச்சங்க வரலாறு
2. சங்க இலக்கிய வரலாறு
3. பக்தி இலக்கியத்தின் தோற்றமும் வளர்ச்சியும்
4. காப்பியத்தின் தோற்றமும் வளர்ச்சியும்

**அலகு -5 இலக்கணம்**

1. எழுத்து, அசை, சீர், தளை, அடி, தொடை பொது இலக்கணம்
2. தொகை நிலைத் தொடர்கள்

**பார்வை நூல்கள்:**

1. தமிழ்த்துறை வெளியீடு
2. இலக்கிய வரலாறு – பேராசிரியர் முனைவர் பாக்யமேரி

15UHL21H	PART-I: HINDI-II	SEMESTER- II
----------	------------------	--------------

**Total Credits: 4**  
**Hours Per Week: 6**

(Modern Poetry, Novel, Translation & Letter Writing)

**1. Modern Poetry:** Shabari – By Naresh Mehtha

**Publishers:** Lokbharathi Prakashan I Floor, Duebari Building  
Mahathma Gandhi Marg,  
Allahabad -1.

**2. Novel:** Seva Sadhan – By Prem Chand

**3. Translation:** Hindi – English Only,  
(anuvadh abhyas – iii) lessons.1 – 10 only publisher:  
dakshin bharath hindi prachar sabha chennai – 600 017.

**4. Letter Writing:** (Leave letter, Job Application, Ordering books, Letter to Publisher, Personal letter)

15UML21M	PART-I: MALAYALAM-II	SEMESTER- II
----------	----------------------	--------------

Total Credits: 4  
Hours Per Week: 6

**PAPER II PROSE: NON-FICTION**

This Paper will have the following five units:

**UNIT I & II**

Biography

**UNIT III, IV & V**

Travelogue

**TEXT BOOKS:**

1. Unit I & II *Changampuzha Krishna Pillai: Nakshatrangalude Snehabhajanam* –M.K.Sanu (D.C. Books, Kottayam)
2. Unit III, IV & V *Kappirikalude Nattil* – S.K. Pottakkadu (D.C. Books, Kottayam)

**REFERENCE BOOKS:**

1. Jeevacharitrashahithyam –Dr. K.M. George(N.B.S. Kottayam)
2. Jeevacharitrashahithyam malayalathil- Dr. Naduvattom Gopalakrishnan(Kerala Bhasha Institute, Trivandrum)
3. Athmakathashahithyam malayalathil –Dr. Vijayalam Jayakumar(N.B.S. Kottayam)
4. Sancharashahithyam Malayalathil-Prof.Ramesh Chandran. V,(Kerala Bhasha Institute, Trivandrum)



15UFL21F	PART-I: FRENCH-II	SEMESTER- II
----------	-------------------	--------------

Total Credits: 4

Hours Per Week: 6

## French Language for Under-graduate Degree Programmes

Compétence Culturelle	Compétence De communication	Compétence grammaticale
<b>UNITÉ 6 – Super!</b>		
<ul style="list-style-type: none"> <li>• L'égalité homme/femme</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: Exprimer des sentiments, exprimer la joie, le plaisir, le bonheur</li> <li>• RÉCEPTION ORALE: Comprendre un jeu radiophonique</li> <li>• RÉCEPTION ÉCRITE: Comprendre des annonces</li> <li>• PRODUCTION ÉCRITE: Écrire des cartes postales</li> </ul>	<ul style="list-style-type: none"> <li>• Les noms de professions masculine/feminine</li> <li>• Le verbe finir et les Verbes du groupe en-ir</li> <li>• Le present de l'impératif</li> <li>• Savoir(present)</li> <li>• Le participe passé: Fini, aimé, arrive, dit,écrit</li> <li>• Quel(s), quelle(s)..: Interrogatif et Exclamatif</li> <li>• À + infinitive</li> <li>• Les articles: n,une,des</li> </ul>
<b>UNITÉ 7 – Quoi?</b>		
<ul style="list-style-type: none"> <li>• Le 20 siècle: Petits progrès Grand progrès</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: Decrire quelque chose, une personne</li> <li>• RECEPTION ORALE: Comprendre un message publicitaire</li> <li>• RÉCEPTION ÉCRITE: Comprendre un dépliant touristique</li> <li>• PRODUCTION ÉCRITE: Écrire des petites annonces</li> </ul>	<ul style="list-style-type: none"> <li>• On</li> <li>• Plus, moins</li> <li>• Le verbe aller:</li> <li>• Present, impératif</li> <li>• Aller + infinitive</li> <li>• Le pluriel en -x</li> </ul>
<b>UNITÉ 8 – Et après</b>		
<ul style="list-style-type: none"> <li>• Nouvelles du jour</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: Raconteur,situer un récit dans le temps</li> </ul>	<ul style="list-style-type: none"> <li>• L'imparfait:: quel-Ques forms pour introduire le récit:Il</li> </ul>

	<ul style="list-style-type: none"> <li>• RÉCEPTION ORALE: Comprendre une description</li> <li>• RÉCEPTION ÉCRITE: Comprendre un test</li> <li>• PRODUCTION ÉCRITE: écrire des cartes postales</li> </ul>	<p>faisait, il y avait, il Était</p> <ul style="list-style-type: none"> <li>• Un peu, beaucoup, trop, Assez</li> <li>• Très</li> <li>• Le verbe venir: Présent, impératif</li> <li>• En Suisse, au Maroc, aux Etats-Unis</li> </ul>
<b>UNITÉ 9 – Mais oui!</b>		
<ul style="list-style-type: none"> <li>• La génération des 20-30 ans</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: Donner son opinion, Expliquer pourquoi</li> <li>• RÉCEPTION ORALE: Comprendre des informations à la radio</li> <li>• RÉCEPTION ÉCRITE: Comprendre un texte informatif</li> <li>• PRODUCTION ÉCRITE: écrire un mél de protestation</li> </ul>	<ul style="list-style-type: none"> <li>• Répondre, prendre: Présent, impératif, part Passé</li> <li>• Parce que pourquoi</li> <li>• Tout/tous, toute/s Tous/toutes les... (répétition action)</li> </ul>
<b>UNITÉ 10 – Mais non!</b>		
<ul style="list-style-type: none"> <li>• De la ville à la campagne</li> </ul>	<ul style="list-style-type: none"> <li>• INTERACTION: Débat:: exprimer l'accord, exprimer le Désaccord</li> <li>• RECEPTION ORALE: Comprendre un message sur un répondeur téléphonique</li> <li>• RÉCEPTION ÉCRITE: Comprendre un témoignage</li> <li>• PRODUCTION ECRITE: Rediger des petites Announces immobilières</li> </ul>	<ul style="list-style-type: none"> <li>• Le verbe devoir: Present et participe passé</li> <li>• Le verbe vivre, present</li> <li>• Aller + infinitive</li> <li>• Venir+ infinitive</li> <li>• Etre pour/contre</li> </ul>

**TEXT BOOK:**

1. Marcella Di Giura Jean-Claude Beacco, **Alors I.** Goyal Publishers Pvt Ltd 86, University Block Jawahar Nagar (Kamla Nagar) New Delhi – 110007.

15UEG22E	PART II: ENGLISH-II	SEMESTER-II
----------	---------------------	-------------

**Total Credits: 4**

**Hours Per Week: 6**

**OBJECTIVES:**

1. To develop the language competence of the students.
2. To be enriched with functional English.

**UNIT-I**

**PROSE**

1. Words of Wisdom – Chetan Bhagat
2. Forgetting – Robert Lynd
3. My Early Days – Dr. Abdul Kalam

**UNIT-II**

**SHORT STORIES**

1. Am I Blue? – Alice Walker
2. Last Leaf – O Henry
3. Selfish Giant – Oscar Wilde

**UNIT-III**

**ONE ACT PLAY**

1. Soul Gone Home - Langston Hughes

**UNIT-IV**

**FUNCTIONAL GRAMMAR**

1. Lexical Skills and Question Forms
2. Idioms and Phrases – Subject-Verb Agreement
3. Spelling, Antonyms and Synonyms, Infinitives
4. Vocabulary, Report Writing
5. Plurals, Particles in Adjectives
6. Apostrophe, Archaic Words, Art of Persuasion
7. Syllables, Changing Adjectives to Nouns
8. Homonyms, Prepositions
9. Compound Words, Acronyms, Collective Nouns, Degrees of Comparison

## UNIT-V

### COMPOSITION TASKS

1. Letter Writing - Structure
2. Business Correspondence – Memos, reports, proposals
3. Resume & C.V.
4. Advertisements
5. Notices, Agenda, Minutes
6. Circulars
7. Essay Writing
8. Précis Writing
9. Dialogue Writing
10. Soft Skills, Business English

### TEXT BOOKS:

1. *Board of Editors*. 2012. **Radiance – English for Communication**, Emerald Publishers.
2. *Syamala, V.* 2002. **Effective English Communication for You**. Emerald Publisher, Chennai.

### REFERENCE BOOKS:

1. *Rajamanickam. A.* 2001. **Everyman's English Grammar**. Macmillan.
2. *Krishna Mohan and Meera Banerji.* 2005. **Developing Communication Skills**. Macmillan, New Delhi.
3. *Wren, P.C. and H. Martin.* 1998. **High School English Grammar and Composition**. Macmillan.

15UCF23A	<b>PAPER- V: FASHION DESIGNING</b>	<b>SEMESTER- II</b>
----------	--	---------------------

**Total Credits: 3**  
**3Hours / Week**

**OBJECTIVES:**

1. Terms used in the fashion industry.
2. Designing dresses for various silhouettes.

**CONTENTS**

**UNIT-I**

Terms related to the fashion industry- fashion, style, fad, classic and collection, chic, custom made, mannequin, fashion show, trend, forecasting, high fashion, fashion cycle, haute couture, couture, couturier, fashion director, fashion editor, line, knock-off, avant garde, bridge, buying house, apparel, fashion merchandising, pret-a-porter, sample.

**UNIT-II**

Design- definition and types- structural and decorative design, requirements of a good structural and decorative design. Elements of design- line, shape or form, colour, size and texture. Application of structural and decorative design in a dress. Fashion accessories- shoes, handbags, hats, ties- different types/ shapes. Principles of design- balance, rhythm, emphasis, harmony and proportion. Application of principles of design in a dress.

**UNIT-III**

Colour- definition, colour theories- prang colour chart and munsell colour system, dimensions of colour- hue, value and intensity. Standard colour harmonies- application in dress design. Colour in principles of design- application of the same in dress design.

**UNIT- IV**

Designing dresses for unusual figures- becoming and unbecoming for the following figure types- stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead.

## UNIT- V

Wardrobe planning for different age groups, factors influencing wardrobe selection based on fashion and season. Designing dresses for different occasions- business meetings, parties/ dinners, evenings/leisure hours, marriage functions, sports, uniforms for civil service, airhostess, hoteliers, schools- girls and boys (school, high school).

### TEXT BOOKS:

1. *John Peacock*, 2005. **The Complete Fashion Source Book**. Thames and Hudson, London.
2. *Sumathi G J*, 2002. **Elements of Fashion Apparel Design**. 1<sup>st</sup> Edition, New Age International Pvt Ltd.

### REFERENCE BOOKS:

1. *Tracy Diane and Tom Cassid*, 2005. **Colour Forecasting**. Om Books International.
2. *Charlotte Mankey Calasibetta and Phyllis Tortora*, 2005. **Dictionary of Fashion**. Om Books International.

<b>15UCF23B</b>	<b>PAPER- VI: SEWING TECHNOLOGY</b>	<b>SEMESTER- II</b>
-----------------	---	---------------------

**Total Credits: 3**  
**4Hours / Week**

**OBJECTIVES:**

1. Sewing machineries, parts and functions.
2. Production unit mechanisms in garment industry.

**CONTENTS**

**UNIT-I**

Sewing machineries- classification of sewing machines, double needle machine, over lock machine, bar tacking machine, button hole making machine, button fixing machine, blind stitching machine, fabric examining machine. Special attachments, care and maintenance, common problems and remedies.

**UNIT-II**

Stitching mechanism- needles, bobbin and bobbin case, bobbin winding, loops and loop spreader, threading finger, upper and lower threading, auxiliary hooks, throat plates, take-ups, tension discs- upper and lower thread tension, pressure foot and its types, needle threader. Feeding mechanisms- drop feed, differential feed, needle feed, compound feed, unison feed, puller feed.

**UNIT-III**

Cutting technology- definition, function. Cutting equipment and tools, vertical reciprocity cutting machine, rotary cutting machine, band knife cutting machine, die cutters. Types of spread and its quality, spreading equipment and tools used for spreading, spreading methods.

**UNIT-IV**

Marking methods, types of markers, efficiency of a marker plan, requirements of marker planning. Pressing equipments- purpose, pressing equipments and methods- iron, steam press, steam air finisher, steam tunnel, special types- pleating, permanent press.

## UNIT-V

Sewing federal standards for stitch and stitch classification, federal standards for seam and seam classification, fabric sewability. Sewing threads- types, essential qualities of a sewing thread, manufacturing process of cotton and synthetic threads, twisting process.

### TEXT BOOKS:

1. *Mary Mathews*, 1986. **Practical Clothing Construction- Part I and II.** Cosmic Press, Chennai.
2. *Harold Carr and Barbara Latham*. 1994. **The Technology of Clothing Manufacture.** Blackwell Science Publishers.

### REFERENCE BOOKS:

1. *Gerry cooklin T.B*, 2005. **Introduction to Clothing Manufacture.** Blackwell Science Publishers.
2. *Dorothy Wood*, 2000. **How to Sew.** South Water Publishers.



15UCF23P	PAPER-VII : CHILDREN'S APPAREL - PRACTICAL	SEMESTER- II
----------	--	--------------

Total Credits: 4  
5Hours / Week

**OBJECTIVES:**

1. Designing, drafting and constructing children's wear.

**CONTENTS**

1. Preparation of samples- yoke with fullness within the yoke, yoke supporting fullness.
2. Preparation of samples peterpan collar, full shirt collar, shawl collar.
3. Preparation of samples patch pocket, bound pocket.
4. Bib- variation in outline shape and panty-plain or plastic lined panty.
5. Jabla- without sleeve, front open (or) magyar sleeve, back open.
6. Knicker- elastic at waist, side pockets.
7. Romper- knicker with chest piece attached.
8. A-Line petticoat- double pointed dart, neck line and arm hole finished with facing (or) petticoat with gathered at waist.
9. Summer frock- with suspenders at shoulder line, without sleeve/collars (or) angel top with raglan sleeve, fullness at neck line.
10. Yoke frock- yoke at chest line, with open, puff sleeve, gathered skirt or frock- with collar, without sleeve, gathered/ circular skirt at waist line (or) princess line frock.

\* For contents 4- 10

1. Designing, drafting and constructing the following garments for the feature prescribed.
2. List the measurements required and materials suitable.
3. Calculate the material required-layout method and direct measurement method.
4. Calculate the cost of the garment.

**TEXT BOOKS:**

1. *Zarapker. K. R*, 2014. **Zarapker System of Cutting**. Navneet Publications India Ltd.
2. *Winifred Aldrich*, 2009. **Metric Pattern Cutting for Children's Wear and Baby wear- 4<sup>th</sup> Edition**. John Wiley and Sons.

**REFERENCE BOOKS:**

1. *Gayatri Verma*, 2003. **Cutting and Tailoring Course (Illustrated)**. Asian Publishers.
2. *Mary Mathews*, 1986. **Practical Clothing Construction- Part I and II**. Cosmic Press, Chennai.

15UCF23Q	<b>PAPER- VIII : FASHION DESIGNING- PRACTICAL</b>	<b>SEMESTER- II</b>
----------	---	---------------------

**Total Credits: 3**  
**4Hours / Week**

**OBJECTIVES:**

1. Practicing color theories.
2. Illustrating garment designs for different occasions and figure irregularities.

**CONTENTS**

1. Prepare the following charts
  - a) Prang colour chart
  - b) Value chart
  - c) Intensity chart
2. Creating illustrations with various garment styles for men, women and children- for casual wear, party wear and sports wear. Drawing garments for different seasons- summer, winter, autumn and spring- for men, women and children.
3. Illustrate garment designs for the elements of design
  - a) Line
  - b) Shape or form
  - c) Color
  - d) Size
  - e) Texture
4. Illustrate and apply principles of design and color harmonies in a garment
  - I. Principles of design
    - a) Balance
    - b) Harmony
    - c) Emphasis
    - d) Proportion
    - e) Rhythm

## II. Color harmonies

- a) Monochromatic
- b) Analogous
- c) Complementary
- d) Double complementary
- e) Split complementary
- f) Triad
- g) Tetrad
- h) Neutral

5. Designing dresses for figure irregularities- stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead. Developing illustrations from the pictures of magazine. Analyzing a normal figure into fashion figure- front and back pose to be done using pictures from magazines.

### TEXT BOOKS:

1. *Bina Abbing*, 1987. **Fashion Sketch Book**. Fair Child Publications, New York Wardrobe.
2. *Sumathi .G. J*, 2002. **Elements Of Fashion Apparel Design- 1<sup>st</sup> Edition**. New Age International (Pvt Ltd).

### REFERENCE BOOKS:

1. *John Peacock*, 2005. **The Complete Fashion Source Book**. Thames and Hudson, London.
2. *Tracy Diane and Tom Cassid*, 2005. **Colour Forecasting**. Om Books International.

15UCF33A	PAPER- IX: FIBRE TO FABRIC	SEMESTER- III
----------	----------------------------	---------------

**Total Credits: 3**  
**5Hours / Week**

**OBJECTIVES:**

1. Manufacturing process of various fibres.
2. Types of woven and nonwoven fabrics.

**CONTENTS**

**UNIT-I**

Introduction to the field of textiles- classification of fibres- natural and man-made- primary and secondary, characteristics of textile fibres.

**UNIT-II**

Manufacturing process, properties and uses of natural fibres- cotton, linen, jute, pineapple, hemp, silk, wool, hair fibers, man-made fibres- viscose rayon, acetate rayon, nylon, polyester, acrylic.

**UNIT-III**

Spinning- definition, classification- chemical and mechanical spinning- blending, opening, cleaning, doubling, carding, combing, drawing, roving, spinning.

Yarn classification- definition, classification- simple and fancy yarns, yarn count and types of yarn package.

**UNIT-IV**

Weaves- basic weaves and its variations- plain, twill, satin.

Fancy weaves- pile, double cloth, leno, swivel, dobby and jacquard.

**UNIT-V**

Process sequence in manufacturing of non wovens- types of non-wovens, manufacturing of non-woven fabrics- mechanical bonded, chemical bonded, thermal bonded, spun bonded and melt blown. Applications of non-woven fabrics.

**TEXT BOOKS:**

1. *Corbmann.B.P*, 1985. **Textiles- Fibre to Fabric: International Student's Edition**. McGraw Hill Book Company, Singapore.
2. *Barker. A.F*, 2007. **Handbook of Textiles**. Abhishek Publications, Chandigarh.
3. *Kaplam .N.S*, 2002. **A Practical Guide to Fibre Science**. Abhishek Publications, Chandigarh.

**REFERENCE BOOKS:**

1. *Gordon Cook.J*, 2001. **Handbook of Textile Fibres: Natural Fibre Volume I**. Woodhead Publishing Limited.
2. *Gordon Cook.J*, 2001. **Handbook of Textile Fibres: Manmade Fibre Volume II**. Woodhead Publishing Limited.
3. *Arthur Price Pizzuto.J.J*. 1994. **Fabric Science- 6<sup>th</sup> Edition**. Fairchild Publications.

<b>15UCF33B</b>	<b>PAPER- X: COMPUTER IN THE GARMENT INDUSTRY</b>	<b>SEMESTER- III</b>
-----------------	---	----------------------

**Total Credits: 3  
4Hours / Week**

**OBJECTIVES:**

1. Basic knowledge about computerized machineries.
2. Computer Aided Designing.

**CONTENTS**

**UNIT-I**

Classification of computers, computer generations, computer specification, organization of computer sections. Types of storage devices (primary and secondary), input devices, output devices.

**UNIT-II**

Role of computers in fashion industry- Information flow- CAD, CAM, CIM, CAA, PPC- definition and functions. Computerized colour matching system.

**UNIT-III**

Textile designing- weaving, knitting and printing. Creating embroidery designs.

Garment designing- 2D and 3D forms.

**UNIT-IV**

CAD in pattern making and grading- system description- information flow- process involved in pattern making, process involved in pattern grading.

**UNIT-V**

Computer application in fabric defect checking, laying/spreading, cutting marker planning, labelling- parts and functions. Computerized sewing machines. Recent developments of computers in fashion industry.

**TEXT BOOKS:**

1. *Harold Carr and Barbara Latham*, 1994. **The Technology of Clothing Manufacture**. Blackwell Ltd.
2. *Sheela John.R and Amsamani.S*, 2013. **Computers in the Garment Industry**. Ganesh Shankar D, Siva Salapathy Printers, Coimbatore.

**REFERENCE BOOKS:**

1. *Mahadevan.M.G*, 2008. **Textile Robotics and Automation**. Abhishek Publishing.
2. *Balagurusam.E*, 2009. **Fundamentals of Computers**. Tata McGraw Hill Publishing.



15UCF33C	<b>PAPER - XI: FASHION AND CLOTHING PSYCHOLOGY</b>	<b>SEMESTER- III</b>
----------	--	----------------------

**Total Credits: 3**  
**4Hours / Week**

**OBJECTIVES:**

1. Fashion cycle and fashion theories.
2. Predicting about the fashion changes.

**CONTENTS**

**UNIT-I**

Factors influencing fashion changes- psychological needs of fashion, social psychology of fashion, technological, economical, political, legal and seasonal influence.

**UNIT-II**

Role of costume as a status symbol, personality and dress, cloths as sex appeal, cultural value. Fashion cycles, repetition of fashion. Fashion evolution- fashion cycles, length of cycles, consumer groups in fashion cycles. Fashion leaders, fashion innovators, fashion motivation, fashion victim, fashion followers. Role of fashion designers in the industry.

**UNIT-III**

Fashion theory- trickle down, trickle up and trickle across theory, bottom up theory.

Fashion forecasting- aim of fashion forecasting. Role of fashion predictors, six disciplines of forecasting, analysis of consumer preference, components of fashion forecasting.

**UNIT-IV**

Fashion designers- types- classicist, idealist, influenced, realist and thinking poet. Indian fashion designers- Haute couture- Rohit Khosla, Gitanjali Kashyap, Hemant Trivedi, J.J.Valaya, James Ferreira, Ritu Kumar, Rohit Bal, Tarun Tahiliani. Minimalists- Himanshu and Sonali Sattar, Sangeethe Chopra, Wendell Rodricks, Manish Malhotra. Village India- Bhamini Subramaniam, Anju Modi, Indiar, Broker, Madhu Jain. Studio line- Bhairavi Jaikishan, Kishan Mehta, Ravi Bajaj, Ritu Beri, Rockys.

## UNIT-V

World fashion centers- France, Italy, America, Far-East. Contributions of well known designers from France, Italy, America, Britain and Far-East countries.

### TEXT BOOKS:

1. *Gini Stephens Frings*, 1999. **Fashion- From Concept to Consumer - 6<sup>th</sup> Edition.** Prentice Hall.
2. *Hindol Sengupta*, 2005. **Indian Fashion.** Pearson Education.

### REFERENCE BOOKS:

1. *Bennett*, 1998. **Inside the Fashion Business.** Coleman and Co, Mumbai.
2. *Sumathi.G.J*, 2002. **Elements of Fashion and Apparel Design.** New Age International Publishers.

15UCF33P	<b>PAPER - XII: WOMEN'S APPAREL - PRACTICAL</b>	<b>SEMESTER- III</b>
----------	---	----------------------

**Total Credits: 4  
6 Hours / Week**

**OBJECTIVES:**

1. Designing, drafting and constructing women's wear.

**CONTENTS**

1. Saree petticoat- six panels, decorated bottom.
2. Skirts- circular or umbrella or panel with style variations.
3. Blouse- front open, fashioned neck, waist band at front, with sleeve.
4. Salwar or Churidhar or Parallels or Bell bottom
5. Kameez- with or without slit, with or without flare, with or without opening, with or without panels, with or without yoke.
6. Nightie- with yoke, front open, with sleeve, full length.
7. Ladies pant- waist band, zip attached, tight fitting or parallel pants.
8. Short kurta or top- decorative or surface design in tailored placket, with or without collar.

**INSTRUCTIONS FOR THE ABOVE CONTENTS:**

1. Designing, drafting and constructing the following garments for the features prescribed.
2. List the measurements required and materials suitable.
3. Calculate the cost of the garment.
4. Calculate the material required- layout method and direct measurements method.

**TEXT BOOKS:**

1. *Zarapker.K.R*, 2014. **Zarapker System of Cutting**. Navneet Publications India ltd.
2. *Winifred Aldrich*, 2009. **Metric Pattern Cutting for Children's Wear and Baby Wear - 4<sup>th</sup> Edition**. John Wiley and Sons.

**REFERENCE BOOKS:**

1. *Manmeet Sodhia .T.B*, 2004. **Drafting and Draping**. Kalyani Publishers.
2. *Eshwari Anwani*, 1968. **Cutting and Tailoring Practicals- Vol II**, RB Publications.

15UCF33Q	PAPER - XIII: FIBRE TO FABRIC -PRACTICAL	SEMESTER- III
----------	---	---------------

**Total Credits: 3**  
**4Hours / Week**

**OBJECTIVES:**

1. Fibre identification.
2. Testing the properties of fibre, yarn and fabric.

**CONTENTS**

1. Identification of textile fibres- cotton, linen, jute, wool, silk, rayon, nylon, polyester.
  - a) Microscopic method
  - b) Flame test.
  - c) Chemical test.
2. Determining the yarn count by
  - a) Wrap reel.
  - b) Beesley's balance.
3. Determining the twist of the yarn using twist tester.
4. Determining the strength of the yarn by lea strength tester.
5. Determining the weight of the fabric.
6. Determining the fabric count by
  - a) Raveling method
  - b) Pick glass method
7. Course length and loop length of knitted fabric.
8. Color fastness to water.
9. Tearing strength test
10. Bursting strength test.

**TEXT BOOKS:**

1. *Corbmann.B.P*, 1985. **Textiles- Fibre to Fabric- International Student's Edition**. McGraw Hill Book Company, Singapore.
2. *Barker.A.F*, 2007. **Handbook of Textiles**. Abhishek Publications, Chandigarh.
3. *Kaplam.N.S*, 2002. **A Practical Guide to Fibre Science**. Abhishek Publications, Chandigarh.

**REFERENCE BOOKS:**

1. *Gordon Cook.J*, 2001. **Handbook of Textile Fibres- Natural Fibre Volume I**. Wood Head Publishing limited.
2. *Gordon Cook.J*, 2001. **Handbook of Textile Fibres- Manmade Fibre volume II**. Wood Head Publishing Limited.
3. *Arthur Price Pizzuto .J.J*, 1994. **Fabric science 6<sup>th</sup>- Edition**. Fairchild Publications.

15UED34H	NMEC - I: SURFACE EMBELLISHMENT	SEMESTER- III
----------	------------------------------------	---------------

Total Credits: 2  
2Hours / Week

### OBJECTIVES:

1. Basic knowledge in embroidery.
2. Gain skills in needle work.

### CONTENTS

#### UNIT-I

Embroidery tools and equipment, categories of basic stitches of hand embroidery- their techniques and applications. Embroidery threads and their classification, selection of threads and needles according to the texture and fiber of the material, tracing technique, tracing methods, ironing and finishing of the embroidered articles.

#### UNIT-II

Basic stitches- flat stitches-running stitch, back stitch, stem stitch, satin stitch, couching stitch, cross stitch, herringbone stitch.

#### UNIT-III

Loop stitches-chain stitch, lazy-daisy stitch, button hole stitch, blanket stitch, fishbone stitch, feather stitch, fly stitch.

#### UNIT-IV

Knotted stitches- french knot stitch, double knot stitch, bullion knot stitch.

#### UNIT-V

Appliqué work, mirror work, smocking, cut work.

**TEXT BOOKS:**

1. *Shailaja D. Naik*. 2010. **Traditional Embroideries of India**. Ashish Publishers.
2. *Mary Mathews*, 1986. **Practical Clothing Construction- Part I and II**. Cosmic Press, Chennai.

**REFERENCE BOOKS:**

1. *Mummi Srivastava*, 2003. **Embroidery Techniques from East and West**. Trafalgar Square Publisier.
2. *Jan Messent*, 1976. **Designing for Needlepoint and Embroidery from Ancient and Primitive Sources**. Macmillan Publishers.



15UCF34P	<b>SKILL BASED SUBJECT-I: EMBROIDERY TECHNIQUES- PRACTICAL</b>	<b>SEMESTER- III</b>
----------	--	----------------------

**Total Credits: 3  
3Hours / Week**

**OBJECTIVES:**

1. Types of embroidery stitches
2. Traditional embroideries of India

**CONTENTS**

**PREPARE SAMPLES FOR THE FOLLOWING**

**UNIT-I**

Basic stitches- flat stitches- running stitch, back stitch, stem stitch, satin stitch, couching stitch, cross stitch, herringbone stitch.

**UNIT-II**

Loop stitches- chain stitch, lazy-daisy stitch, button hole stitch, blanket stitch, fishbone stitch, feather stitch, fly stitch.

**UNIT-III**

Knotted stitches- french knot stitch, double knot stitch, bullion knot stitch.

**UNIT-IV**

Appliqué work, mirror work, smocking, cut work and machine embroidery.

**UNIT-V**

Traditional embroidery- embroidery of Kashmir, phulkari of Punjab, Gujarat- Kutch embroidery, embroidery of Rajasthan, kasuti of Karnataka, chickenwork of Lucknow, kantha of Bengal.

**TEXT BOOKS:**

1. *Shailaja D. Naik.* 2010. **Traditional Embroideries of India.**  
Ashish Publishers
2. *Mary Mathews,* 1986. **Practical clothing construction-** Part I  
and II, Cosmic Press, Chennai.

**REFERENCE BOOKS:**

1. *Mummi Srivastava.* 2003. **Embroidery Techniques From East  
And West.** Trafalgar Square Publisier.
2. *Jan Messent,* 1976. **Designing For Needlepoint And  
Embroidery From Ancient And Primitive Sources.** Macmillan  
Publishers.

15UCF43A	<b>PAPER – XIV: TEXTILE PROCESSING AND DYEING</b>	<b>SEMESTER- IV</b>
----------	---	---------------------

**Total Credits: 3**  
**5Hours / Week**

**OBJECTIVES:**

1. Basic knowledge in wet processing and dyeing.
2. Eco standards.

**CONTENTS**

**UNIT-I**

Water- water hardness- types- softening process: ion exchange- lime soda process.

Typical sequence of processes. Object, methods and equipments used for singeing, desizing, scouring, synthetic fibre heat setting.

**UNIT-II**

Mercerization- theory process- methods- chemicals- effects. Bleaching- hypo chlorites- hydrogen peroxide- sodium chlorite. Equipments and chemicals for bleaching of cotton, viscose, cotton/viscose, polyester/cotton. Wool carbonizing, weighting of silk.

**UNIT-III**

Dyeing- classification of colorants- fastness properties of dyes, classification of dyes- direct dye, sulphur dyes, vat dyes, disperse dyes, reactive dyes, acid dyes, basic dyes, vegetable dyes. Various defects in dyeing.

**UNIT-IV**

Dyeing machines- fiber, yarn and fabric dyeing machines- loose stock fiber bale- hank package- jigger- winch- HT beam jet- padding mangles. Garment dyeing machines.

**UNIT-V**

Application of enzymes in textile processing. Pollution- treatment of textile effluents. Techniques for effluent treatment- physical, chemical and biological methods. Need for eco standards- eco labels and norms-

need for eco testing- testing of formaldehydes- toxicity of dyes and chemicals.

**TEXT BOOKS:**

1. *Shenai.V.A*, 1981. **Technology of Textile Processing Vol- III, V, VII**. Sevale Publications, Bombay.
2. *Prof. Krishna Kumar .K.B*, **Pollution in Textile Industry**. SSM I.TT. Komarapalayam.

**REFERENCE BOOKS:**

1. *Smith.J. L*, 2006. **Textile Processing**. Abhishek Publications.
2. *Kanwar Varinder Pal Singh*, 2004. **Elementary Idea of Textile Dyeing Printing and Finishing- 1<sup>st</sup> Edition**. Kalyani Publishers.

<b>15UCF43B</b>	<b>PAPER- XV: TRADITIONAL TEXTILES AND COSTUMES OF INDIA</b>	<b>SEMESTER- IV</b>
-----------------	--	---------------------

**Total Credits: 3**  
**5Hours / Week**

**OBJECTIVES:**

1. Overview of Indian textiles and costumes.
2. Indian jewelries.

**CONTENTS**

**UNIT-I**

Beginning of costume, growth of dress out of painting, cutting. Introduction to Indian textiles and costumes - history, types, motifs and symbols. Ancient Indian textiles and costumes - Vedic, Mauryan, Kushans, Satavahanas and Gupta.

**UNIT-II**

Study of dyed and printed textiles of India- bhandhani, patola, ikkat, kalamkari- in all the above types and techniques used. Study of woven textiles of India- Dacca muslin, banarasi, chanderi brocades, baluchar, himrus and amrus, Kashmir shawls, pochampalli, silk sarees of Kancheepuram.

**UNIT-III**

Costumes of India- traditional costume of different states of India - Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orissa, Bihar, Mizoram,, Nagaland, West Bengal.

**UNIT-IV**

Traditional costume of different states of India- Maharashtra, Rajasthan, Haryana, Himachal Pradesh, Uttarpradesh, Jammu and Kashmir, Gujarat, Madhya Pradesh.

**UNIT-V**

Indian jewellery- jewelleries used in the period of Indus valley civilization, Mauryan period, Gupta period, Pallava and Chola Period,

symbolic jewellery of South India, Mughal period. Temple jewellery of south India, tribal jewellery

**TEXT BOOKS:**

1. *Nigam.M.L*, 1999. **Indian Jewellery**. Lustre Press Pvt Ltd, India.
2. *Ghurye.G.S*, 1997. **Indian Costume**. Popular Books Pvt Ltd

**REFERENCE BOOKS:**

1. *John Gillow , Nicholas Barnard*, 2008. **Indian Textiles**. Om Book International.
2. *Parul Bhatnagar*, 2005. **Decorative Design History in Indian Textiles and Costumes**. Abhishek Publication, Chandigarh.
3. *Vishu Arora*, 2008. **SUVASAS - The Beautified Costumes**. Abhishek Publication, Chandigarh.

15UCF43P	PAPER- XVI: MEN'S APPAREL - PRACTICAL	SEMESTER- IV
----------	--	--------------

Total Credits: 4  
6Hours / Week

**OBJECTIVES:**

1. Designing, drafting and constructing men's wear.

**CONTENTS**

- a) S.B. vest- with or without collar, button attached, sleeveless.
- b) Full sleeve shirt- full open, shirt collar, patch pocket, full sleeve with cuff.
- c) Kalidhar kurtha- kali piece, side pocket, round neck, half open.
- d) Pyjama- elastic or tape attached waist.
- e) Pleated trousers- pleats in front, darts at back, side pocket, fly with button or zip.
- f) Night Dress- knee length, shawl collar, overlap front, with belt.
- g) S.B Coat- coat collar, coat sleeve, pocket.

**INSTRUCTIONS FOR THE ABOVE CONTENTS:**

1. Designing, drafting and constructing the following garments for the features prescribed.
2. List the measurements required and materials suitable.
3. Calculate the cost of the garment.
4. Calculate the material required- layout method and direct measurement method

**TEXT BOOKS:**

1. *Zarapker. K. R*, 2014. **Zarapker System of Cutting**. Navneet Publications India Ltd.
2. *Gayatri Verma*, 2003. **C**

**REFERENCE BOOKS:**

1. *Eshwari Anwani*, 1968. **Cutting and Tailoring Practicals**. R.B. Publications, Delhi
2. *Manmmet Sodhia*, 2005. **Dress Designing**. Kalyani Publishers.



15UCF43Q	PAPER - XVII: TEXTILE PROCESSING- PRACTICAL	SEMESTER- IV
----------	--	--------------

**Total Credits: 3**  
**3Hours / Week**

**OBJECTIVES:**

1. Acquiring skills in textile processing.
2. Types of dyes.

**CONTENTS**

Preparation of samples for Processing

1. Desizing
2. Scouring
3. Bleaching
4. Mercerising
5. Degumming

Dye the given fabric using suitable dye

6. Direct Dye
7. Sulphur Dye
8. Vat Dyes
9. Disperse Dyes
10. Reactive Dyes
11. Acid Dyes
12. Basic Dyes
13. Vegetable Dyes (any one)

**TEXT BOOKS:**

1. *Paters.R.H,* 1970.**Textile Chemistry Vol- I, II.** Textile Institute, Manchester.
2. *Shenai.V.A,* 1981. **Technology of Textile Processing Vol- III,V,VII.** Sevale Publications, Bombay.

**REFERENCE BOOKS:**

1. *Kanwar Varinder Pal Singh,* 2007. **Elementary Idea of Textile Dyeing Printing and Finishing.** Kalyani Publishers.
2. *Smith.J. L,* 2006. **Textile Processing.** Abhishek Publications.

15UPA4AE	ALLIED PAPER I - ACCOUNTING AND BUSINESS MANAGEMENT	SEMESTER - IV
----------	---	---------------

**Total Credits: 4**  
**4Hours / Week**

**OBJECTIVES:**

1. Concepts and conventions of Accounting and Basic Accounting framework.
2. Financial statement analysis to evaluate the financial performance of a company.
3. Basic cost concepts, element of cost & Preparation of Cost Sheet.

**CONTENTS**

**UNIT - I**

Accounting concepts and conventions - rules of accounts - importance of accounting - nature and scope of accounting - double entry system - advantage - difference between double entry and single entry.

**UNIT - II**

Journal, ledger, and trial balance, subsidiary books - purchase book, sales books, purchase returns book, sales returns book and cash book with single, double and triple column cash book

**UNIT - III**

Final accounts - trading and profit and loss a/c and balance sheet with simple adjustments

**UNIT - IV**

Cost accounting - elements of cost, classification of cost - preparation of simple cost sheet (problem) - accounting for overheads - classification of overheads, allocation and apportionment of overheads - reapportionment of service department cost to production department, absorption of overheads.

## UNIT - V

Nature and objectives of business - legal forms of business of ownership - sole trader, partnership, company and co-operative societies - advantages and limitations

**Note: Theory and problems shall be distributed at 60% and 40% respectively**

### TEXT BOOKS:

1. *Vinayakam.N, Mani.P.L., and Nagarajan.K.L,* 2003. **Principles of Accountancy**. S.Chand & Company Ltd, New Delhi.
2. *Jain.S.P and Narang.K. L,* 2000. **Cost Accounting**. Kalyani Publishers, New Delhi.

### REFERENCE BOOKS:

1. *Gupta.R.L, Gupta V.K. and Shukla M.C.,* 2006. **Financial Accounting**. Sultan Chand & Sons, New Delhi.
2. *Maheswari .S.K, and Reddy.T.S,* 2005, **Advanced Accountancy**. Vikas Publishers, New Delhi.

15UED44H	NMEC-II: TEXTILE PRINTING	SEMESTER- IV
----------	------------------------------	--------------

Total Credits: 2  
2Hours / Week

**OBJECTIVES:**

1. Various printing techniques.
2. Working procedure.

**CONTENTS**

1. Preparation of cotton fabric for printing
2. Block printing
3. Stencil printing
4. Screen printing
5. Batik printing
6. Tie and dye
7. Fabric painting

**TEXT BOOK**

1. *Hurst. G. H*, 2004. **Silk Dyeing Printing and Finishing**. Abhishek Publication.
2. *Pellew.C.E*, 2007. **Dyes and Dyeing**. Abhishek Publications.

**REFERENCE BOOKS:**

1. *Margo Singer*, 2007. **Textile Surface Decoration: Silk and Velvet**. A and B Publishers, London.
2. *Kanwar Varinder Pal Singh*, **Elementary Idea of Textile Dyeing, Printing and Finishing-1<sup>st</sup> Edition**. Kalayani Publishers.

15UCF44P	SKILL BASED SUBJECT- II: DRAPING - PRACTICAL	SEMESTER- IV
----------	---	--------------

Total Credits: 3  
3Hours / Week

**OBJECTIVES:**

1. Draping techniques.
2. Creating garment styles.

**CONTENTS**

**1. Basics**

- a) Bodice front and back.
- b) Skirt front and back.
- c) Plain sleeve.

**2. Bodice**

- a) Gathered.
- b) Pleated.
- c) Darts.

**3. Skirts**

- a) Drindle.
- b) Peg.
- c) Circular.
- d) Pleated.
- e) Straight.

**4. Necklines**

- a) Sweet heart.
- b) Scooped.
- c) Scalloped.
- d) Boat.
- e) V and U neck.
- f) Round- Halter.

### 5. Yokes

- a) Bodice- midriff.
- b) Skirt- gathered.
- c) Bodice- shoulder.

### 6. Collars

- a) Convertible.
- b) Mandarin.
- c) Peter pan.
- d) Turtle.
- e) Ruffled.
- f) Shawl.
- g) Cowls.

### TEXT BOOKS:

1. *Connie Amadan Crawford*, 1989. **The Art of Fashion Draping.** Om Book International.
2. *Manmeet Sodhia*, 2004. **Advanced Drafting and Draping.** Kalyani Publishers.

### REFERENCE BOOKS:

1. *Manmeet Sodhia*, 2001. **Dress Designing.** [Kalyani Publishers](#).
2. *Winifred Aldrich*, 2007. **Fabric Form and Flat Pattern Cutting - 2nd Edition.** Blackwell Publishers.

15UCF53A	<b>PAPER- XVIII: FABRIC STRUCTURE AND DESIGN</b>	<b>SEMESTER- V</b>
----------	--	--------------------

**Total Credits: 4**  
**5Hours / Week**

**OBJECTIVES:**

1. Process involved in woven fabrics construction.
2. Types of fabric and its weaving mechanism.

**CONTENTS**

**UNIT-I**

Elements of woven design, methods of fabric representation, draft and lifting plan.

**UNIT-II**

Draft and peg/lifting plan- plain, warp rib, weft rib and twill, modification of twills, satin and sateen weaves- their derivatives.

**UNIT-III**

Ordinary and brighten honey comb, its modification, huck a back and its modifications, crepe weaves, mock leno. Extra warp and extra weft figuring- single and two colours, planting, backed fabric, warp and weft backed fabrics.

**UNIT-IV**

Pile fabric- formation of pile- weft pile- plain back, twill back- length, density and fastness of pile- corduroy weft plush. Warp pile- terry pile, with the aid of wires, face to face warp pile.

**UNIT-V**

Double cloth- classification, self stitched- face to back, back to face, both. Centre stitched - warp and weft. Interchanging double cloth.



**TEXT BOOKS:**

1. *Murphy.W. S*, 2004. **Textile Weaving and Design**. Abhishek Publication.
2. *Lord.P.R, Mohamed.M.H*, 1973. **Weaving: Conversion of Yarn to Fabric**. Woodhead Publishing Ltd.

**REFERENCE BOOKS:**

1. *Grosicki.Z.J, Watson*, 1912. **Watsons Advanced Textile Design**. Wood Head Publishing Ltd.
2. *Ashenhurst*, 2004. **Textile Calculation and Structure of Fabrics**. Abhishek Publication.

15UCF53P	PAPER – XIX : TEXTILE PRINTING - PRACTICAL	SEMESTER- V
----------	--	-------------

Total Credits: 3  
5Hours / Week

**OBJECTIVES:**

1. Creating print design.
2. Printing textile with various techniques.

**CONTENTS**

1. Creating designs with block printing- vegetable and wooden blocks.
2. Creating designs with stencil printing- positive and negative with single/ double/multi colours.
3. Creating designs using tie and dye- any three methods with single/double/ multi colours.
4. Creating designs using batik technique- any three methods with single/double/ multi colours.
5. Creating designs using screen printing method- single/double/multi colours.
6. Fabric painting.

**TEXT BOOKS:**

1. *Hurst.G.H*, 2004. **Silk Dyeing Printing and Finishing**. Abhishek Publication.
2. *Pellew C E*, 2007. **Dyes and Dyeing**. Abhishek Publications.

**REFERENCE BOOKS:**

1. *Margo Singer*, 2007. **Textile Surface Decoration: Silk and Velvet**. A and B Publishers , London.
2. *Kanwar Varinder Pal Singh*, **Elementary Idea of Textile Dyeing, Printing and Finishing-1<sup>st</sup> Edition**. Kalyani Publishers.

15UCF53Q	<b>PAPER- XX: COMPUTER AIDED DESIGNING (CAD) PRACTICAL-I</b>	<b>SEMESTER- V</b>
----------	--	--------------------

**Total Credits: 4  
7Hours / Week**

**OBJECTIVES:**

1. Learn corel draw tools and techniques.
2. Illustrating garment designs using corel draw.

**CONTENTS**

1. Create the following designs
  - a) Motifs / small designs.
  - b) Embroidery designs for kerchiefs.
  - c) Neck lines.
  - d) Chest prints for T-shirts.
2. Children's Garments
  - a) Jabla- different styles.
  - b) Frocks- different styles.
  - c) Middi and tops- different styles.
3. Women's Garments
  - a) Churidhar- different styles.
  - b) Full gowns- different styles.
  - c) Middi and tops- different styles.
  - d) Princess line Dress- different styles.
  - e) House coats.
  - f) Aprons.
  - g) Nighties.
4. Men's Garments
  - a) S B vest.
  - b) T- Shirt- different styles.
  - c) Shirts- different styles.
  - d) Kurta pyjama- different styles
5. Logos for companies.
6. Care labels for garments.

**TEXT BOOKS:**

1. *Bina Abling*, 2005. **Fashion Sketch Book**. Fair child Publications, New York wardrobe.
2. *Gary David Bouton*, 2008. **Corel Draw X4: The Official Guide**. McGraw-Hill Osborne.

**REFERENCE BOOKS:**

1. *Kathryn Mckelvey and Janine Munslow*, 2007. **Illustrating Fashion - 2nd Edition**. Blackwell Publishing.
2. *John Peacock*, 2005. **The Complete Fashion Source Book**. Thames and Hudson, London.

15UCF53R	<b>PAPER- XXI: FABRIC STRUCTURE AND DESIGN- PRACTICAL</b>	<b>SEMESTER- V</b>
----------	---	--------------------

**Total Credits: 3**  
**4Hours / Week**

**OBJECTIVES:**

1. Practical knowledge in design, draft and peg plan of different weave.
2. Analysis of Woven fabric.

**CONTENTS**

1. Plain weave and its derivatives (warp rib, weft rib)
2. Twill weave- right hand twill and left hand twill.
3. Satin
4. Sateen
5. Honey comb weave
6. Huck a back weave
7. Extra warp and weft figuring.
8. Double cloth.
9. Terry pile structures

**INSTRUCTIONS FOR THE ABOVE CONTENTS**

1. Identify the weave of given fabric.
2. Draw draft and peg/lifting plan for the same.

**TEXT BOOKS:**

1. *Murphy.W.S*, 2004. **Textile Weaving and Design**. Abhishek Publication.
2. *Lord.P.R, Mohamed.M.H*, 1973. **Weaving: Conversion of Yarn to Fabric**. Woodhead Publishing Ltd.

**REFERENCE BOOKS:**

1. *Grosicki.Z.J, Watson, 1912.***Watsons Advanced Textile Design.**  
Woodhead Publishing Ltd.
2. *Kanwar Varinder Pal Singh, 2004.* **Textile Weaving and Design.**  
Abhishek Publications.

15UCF5EA	<b>ELECTIVE- I: GARMENT QUALITY AND COST CONTROL</b>	<b>SEMESTER- V</b>
----------	--	--------------------

**Total Credits: 4  
4Hours / Week**

**OBJECTIVE:**

1. Specifications in quality control for garment industry.

**CONTENTS**

**UNIT-I**

Definition and scope of quality control- establishing merchandising standards- establishing raw material quality, quality control specifications- quality control of raw material.

**UNIT-II**

Establishing processing quality specification- training quality control personnel- quality standard control- quality control inspection, procedures for processing- quality control of finished garments- quality control and government contacts- quality control for packaging, warehousing and shipping- statistical quality control. Sampling plans- industry- wide quality standards.

**UNIT-III**

Function of production control, production analysis, quality specifications, qualitative specifications, scope of apparel manufacturing activity, coordinating departmental activities, distribution of documents and records.

**UNIT-IV**

Type of control forms- basic production systems- whole garment, departmental whole garment, subassembly systems and progressive bundle systems, principles for choosing a production system- evaluating production systems- flow process grids and charts- basic flow process grids construction- flow process grids for production control.

**UNIT-V**

Functions of cost control, types of costs and expenses. Apparel manufacturing cost categories- sales cost control, purchasing cost control,

production cost control, administration cost control- cost ratio policies- the manufacturing budget- cash flow controls- standard cost sheet, break even- charts

**TEXT BOOKS:**

1. *Solinger, Jacob*, 1961. **Apparel Manufacturing Analysis**. Textiles Books, New York.
2. *Solinger, Jacob*, 1988. **Apparel Manufacturing Hand Book- Analysis Principles and Practice**. Columbia Media Corp.

**REFERENCE BOOKS:**

1. *Gerry Cooklin*, 2011. **Garment Technology for Fashion Designers- 2nd Edition**. John Wiley and Sons.
2. *Helen Goworek*, 2007. **Fashion Buying- 2nd Edition**. John Wiley and Sons.



15UCF5EB	ELECTIVE- I: TEXTILE FINISHING	SEMESTER- V
----------	-----------------------------------	-------------

Total Credits: 4  
4Hours / Week

**OBJECTIVES:**

1. Basic and special finishes.
2. Pollution control.

**CONTENTS**

**UNIT-I**

Production sequence of textile fabrics- flow chart- brief description.  
Finishes- classification- importance of finishes- application methods

**UNIT-II**

Mechanical finishes- methods and applications. Aesthetic finishes- Luster- glazed, moiré, schreiner, embossed. Drape- crisp and transparent, burnt out, sizing, weighting. Texture- sheared, brushed, embossed, plisse, pleated, flocked, embroidered, napped, fullered.

**UNIT-III**

Functional finishes- methods and applications- wrinkle free finishes, water repellent finish, flame retardant finish, rot and mildew proof finish, antistatic finish and soil release finish.

**UNIT-IV**

Special purpose finishes- methods and applications- silicone finish, denim finish- stonewash and enzyme wash, fragrance finish, UV protection finish, anti bacterial finish and phase change finishes.

**UNIT-V**

Recent trends in finishing- micro encapsulation techniques, nano finishes. Environmental pollution during chemical processing of textiles. Treatment of textile effluents.

**TEXT BOOKS:**

1. Shenai.V.A, Naresh M. Saraf, 1987. **Technology of Finishing.** Sevak Publications.
2. Prayag.R.S, 1994. **Textile Finishing.** R.S. Prayag.

**REFERENCE BOOKS:**

1. Horrocks.A.R and Anand.S.C, 2000. **Hand book of Technical textiles.** Woodhead Publishing Ltd, England.
2. Murphy.W.S, 2003. **Textile Finishing.** Abhishek Publications.

15UCF5EC	<b>ELECTIVE- I: NUANCES OF CREATIVE DESIGNING</b>	<b>SEMESTER- V</b>
----------	---	--------------------

**Total Credits: 4**  
**4Hours / Week**

**OBJECTIVE:**

1. Generation of ideas for design.

**CONTENTS**

**UNIT-I**

Stages of thinking- define, research. Ideate, prototype, select, implement, learn.

**UNIT-II**

Research- identifying drivers, information gathering, target groups, sample and feedback.

**UNIT-III**

Idea generation- basic design directions, themes for thinking, inspiration and references, brainstorming, value, inclusion, sketching, presenting ideas.

**UNIT-IV**

Refinement- thinking in images, signs, shapes, proportion, colour appropriations, humour, personification, visual metaphors, modifications, thinking in words, words and language, types, faces.

**UNIT-V**

Prototyping- developing design, types of prototype, vocabulary. Implementation- format, materials, finishing, media, scale, series / continuity.

**TEXT BOOKS:**

1. *Thomas Lockwood*, 2009. **Design Thinking: Integrating Innovation, Customer Experience, and Brand Value.** Allworth Press.
2. *Gavin Ambrose*, 2009. **Basics Design 08: Design Thinking.** Fairchild Books.

<b>15UCF54A</b>	<b>SKILL BASED SUBJECT- III: TEXTILE PRINTING METHODS</b>	<b>SEMESTER- V</b>
-----------------	---	--------------------

**Total Credits: 3**  
**5Hours / Week**

**OBJECTIVES:**

1. Methods of printing.
2. Process and techniques.

**CONTENTS**

**UNIT-I**

Printing- introduction to printing, differences between printing and dyeing, preparation of fabric for printing- cotton, linen, polyester, wool and silk, methods of printing, preparation of printing paste, selection of thickening agents.

**UNIT-II**

Direct printing- block printing- brief history, preparation of design, blocks, table, print paste and printing process. Stencil printing- brief history, preparation of fabric, stencils (for one or more colour), materials used for preparing stencils, process involved and techniques used .

**UNIT-III**

Screen printing- brief history, flat screen and rotary screen printing, preparation of screen, print paste, screen printing process.

**UNIT IV**

Resist printing- brief history, batik printing wax used, equipments required, process sequence and techniques used. Tie and dye- brief history, equipments required, process sequence and techniques used.

**UNIT V**

Minor printing methods- ink jet printing, heat transfer printing, photo printing.

Discharge printing- chemicals used, process involved.

**TEXT BOOKS:**

1. *Kanwar Varinder Pal Singh. Elementary Idea of Textile Dyeing Printing and Finishing- 1<sup>st</sup> Edition.* Kalyani Publishers
2. *Hurst.G.H, 2004. Silk Dyeing, Printing and Finishing.* Abhishek Publication.

**REFERENCE BOOKS:**

1. *Pellew.C. E, 2007. Dyes and Dyeing.* Abhishek Publications.
2. *Margo Singer, 2007. Textile Surface Decoration: Silk and Velvet.* A and C Black Publishers, London.
3. *Bernard. P Corbman, 1983. Textiles Fibre to Fabric.* McGraw Hill Publication.

15UCF63A	PAPER - XXII : KNITTING	SEMESTER- VI
----------	-------------------------	--------------

**Total Credits: 3**  
**5Hours / Week**

**OBJECTIVES:**

1. Manufacturing processes of knits.
2. Knit structures.

**CONTENTS**

**UNIT-I**

Introduction to knitting, comparison of weaving and knitting, classification of warp and weft knitting machines, comparison of warp and weft knitted fabrics. General terms and principles of knitting technology.

**UNIT-II**

Elements of knitted loop structure, knitting needles- latch needles, spring-beard needle and compound needle, advantages and disadvantages of needle. Machine knitting, parts of machine, knitted loop structure, stitch density.

**UNIT-III**

Weft knitting- classification- circular rib knitting machine, purl, interlock, jacquard- single jersey machine- basic knitting elements- types and functions- knitting cycle, CAM-system-3 way technique to develop design- knit, tuck, miss- effect of stitches on fabric properties.

**UNIT-IV**

Warp knitting- lapping variations-tricot, raschel, simplex and Milanese-kitten raschel-single bar, 2 bar, multi bar machines. Types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.

**UNIT-V**

Production calculation in warp and weft knitting, Characteristics of knitted goods, defects in weft and warp knitted fabrics, causes and remedies. Care and maintenance of knitted material-washing, drying, ironing, storing.

**TEXT BOOKS:**

1. *David J Spencer*, 2001. **Knitting Technology: A Comprehensive Handbook and Practical Guide**. Woodhead Publishing.
2. *Manmeet Sodhia*, 2004. **Knitting Technology**. Kalyani Publishers.

**REFERENCE BOOKS:**

1. *Ajonker.D*, 1998. **Principles of Knitting**. Universal Publishing Corporation.
2. *Dr.N.Anbumani*, 2007. **Knitting Fundamentals, Machines, Structures and Developments**. New Age International (P)Ltd., Publishers.



15UCF63P	PAPER - XXIII: COMPUTER AIDED DESIGN (CAD) PRACTICAL-II	SEMESTER- VI
----------	--	--------------

**Total Credits: 4**  
**7Hours / Week**

**OBJECTIVES:**

1. Designing garments using Photoshop.
2. Pattern making and grading.

**CONTENTS**

1. Application of colour harmony in design
  - a) Monochromatic colour harmony.
  - b) Analogous colour harmony.
  - c) Complementary colour harmony.
  - d) Double complementary colour harmony.
  - e) Split complementary colour harmony.
  - f) Triad colour harmony.
  - g) Tetrad colour harmony.
  - h) Neutral colour harmony.
2. Applications of principles of design in dress design
  - a) Balance- formal and informal.
  - b) Rhythm- by line movement, gradation, radiation.
  - c) Emphasis.
  - d) Proportion.
  - e) Harmony.
3. Design garments for the following.
  - a) Party wear- women, men, children.
  - b) Sportswear- tennis, basket ball/foot ball (men and women), golf, any other.
  - c) Fashion show- children, men and women.
  - d) Winter wear- children, men and women.
  - e) Summer wear- children, men and women.
  - f) Spring Wear- children, men and women.
  - g) School uniforms- preschool, school, higher secondary and college going students- boys and girls.

4. Prepare pattern for the following.
  - a) Bib.
  - b) Jabla.
  - c) Knicker.
5. Grade the following patterns.
  - a) Bodice front.
  - b) Bodice back.
6. Editing designs
  - a) Scan designs from books/magazines/photos.
  - b) Edit colour.
  - c) Edit features.
  - d) Edit back ground.
  - e) Edit ornaments and accessories.

**TEXT BOOKS:**

1. *Kathryn Mckelvey, Janine Munslow*, 2007. **Illustrating fashion-2nd Edition**. Blackwell Publishing.
2. *Laurie Ulrich Fuller, Robert C.Fuller*, 2008. **Photoshop CS3**. Willey India (P) Ltd.

**REFERENCE BOOKS:**

1. *Ireland Patrick John*, 2005. **Fashion design Illustration: Children**. Om Book International.
2. *Bina Abling*, 1987. **Fashion Sketch Book**. Fair Child Publications, New York Wardrobe.

15UCF63Q	PAPER – XXIV: KNITTING - PRACTICAL	SEMESTER- VI
----------	---------------------------------------	--------------

Total Credits: 3  
4Hours / Week

**OBJECTIVES:**

1. Identification of knit structures.
2. Defects of knitted fabrics.

**CONTENTS**

**Identify the given fabric**

Methodology used- unravel and graphic representation

1. Plain knit
2. Rib knit- 1x1, 2x2
3. Interlock
4. Pique- any 2 structures
5. Tricot
6. Raschel

**Fabric defects**

7. Vertical and horizontal lines
8. Holes and cuttings
9. Distorted stitches
10. Any other

**TEXT BOOKS:**

1. *David J Spencer*, 2001. **Knitting Technology : A Comprehensive Handbook And Practical Guide**. Woodhead Publishing.
2. *Manmeet Sodhia*, 2004. **Knitting Technology**. Kalyani Publishers.

**REFERENCE BOOKS:**

1. *Ajonker D B.* 1998. **Principles of knitting.** Universal Publishing Corporation.
2. *Dr. N.Anbumani,* 2007. **Knitting Fundamentals, Machines, Structures and Developments.** New Age International (P)Ltd., Publishers.

15UCF6EA	<b>ELECTIVE- II: APPAREL MARKETING AND MERCHANDISING</b>	<b>SEMESTER- VI</b>
----------	--	---------------------

**Total Credits: 4**  
**5Hours / Week**

**OBJECTIVES:**

1. Marketing concepts.
2. Merchandising in apparel industry.

**CONTENTS**

**UNIT-I**

Meaning and classification of marketing, fashion marketing, fashion market- size and structure. Marketing environment- micro and macro marketing environment, trends in marketing environment.

**UNIT-II**

Marketing Function- assembling, standardization and grading and packaging, product planning and development, importance of fashion products, nature of fashion products. The fashion industry and new product development, product mix and range planning. Merchandising- introduction, meaning- apparel merchandising- concepts of 'six rights'- organization structure of an apparel industry- classification of exporters- rating or grading of export houses.

**UNIT- III**

Classification of buyers- export merchandising and retail merchandising- company profile and its contents. Types of merchandiser- functions of a merchandiser- essential requisites of a good merchandiser- vendor sourcing, evaluation and development- global sourcing- vendor nomination by buyers- reasons for vendor nomination- documents recording and maintenance- claims and reasons for claims- factory audits- buyer's code of conducts.

**UNIT-IV**

Process flow in apparel industry- buyer sourcing and communication- enquiry- order confirmation- order review and its importance- planning and programming- master planning, scheduling or route card- factors for route card- programming for yarn, knitting, dyeing, stitching, sampling,

accessories- samples- meaning and importance- types of samples-  
expedition of samples.

## UNIT-V

Visual merchandising of fashion, types of displays- window displays, interior displays, color blocking and theme. Elements of display- the merchandise, mannequins and forms, props, signage, lighting. Merchandising presentation- tools and techniques- back drop, forms, and fixtures. Fashion show- definition, planning, budgeting, location, timings, selection of models, collection. Set design, music, preparing the commentary, rehearsal.

### TEXT BOOKS:

1. *Manmeet Sodhia*. 2004. **Fashion Marketing and Merchandising**. Kalyani Publishers.
2. *Sak Onkvisit*. 2008. **International Marketing : Strategy and Theory**. Routledge Publishers.

### REFERENCE BOOKS:

1. *Mary G Wolfe*. 1998. **World of Fashion Merchandising**. Goodheart-Wilcox Publisher.
2. *Mike Easey*. 1995. **Fashion marketing**. Blackwell Science Ltd.

5UCF6EB	<b>ELECTIVE- II: PRINCIPLES OF TEXTILE TESTING</b>	<b>SEMESTER- VI</b>
---------	--	---------------------

**Total Credits: 4**  
**5Hours / Week**

**OBJECTIVES:**

1. Testing standards and methods.
2. Fiber, yarn and fabric testing.

**CONTENTS**

**UNIT- I**

Introduction to testing- terminology of testing- selection of samples for testing standard R H and temperature for testing- measurement of moisture regain conditioning oven- Shirley moisture meter.

**UNIT- II**

Fiber testing- cotton fiber length, fineness, sheffield micronire, maturity, strength.

Determination of trash and lint in cotton.

**UNIT- III**

Yarn Testing- yarn numbering system, instruments for count determination, yarn strength testing, single strength tester, lea strength tester. Yarn twist, twist testers. Yarn evenness, methods of measuring evenness, yarn faults, classifications. Yarn hairiness and crimp testing.

**UNIT- IV**

Fabric testing- fabric particulars, fabric strength, fabric abrasion, pilling testing, fabric drape, fabric stiffness, fabric crease resistance and crease recovery measurements, fabric permeability.

**UNIT- V**

Color fastness tests- crocking, perspiration, sunlight, laundering, pressing.

Grey scale, whiteness index, computerized color matching.

**TEXT BOOKS:**

1. *Booth.J.E*, 1970. **Principles of Textile Testing**. S.K Jain CBS Publishers and Distribution.
2. *Saville.B.P*, 2000. **Physical Testing Of Textiles**. Woodhead Publishing Limited with Textile Institute Abington.

**REFERENCE BOOKS:**

1. *Angappan.P and Gopalakrishnan.R*, 2002. **Textile Testing**. SSM Institute of Textile Technology, Komarapalayam.
2. *Mishra.S.P and Kesavan.B.K*, **Fiber Science**. SSM Institute of Textile Technology, Komarapalayam.



15UCF6EC	<b>ELECTIVE- II: HOME TEXTILES</b>	<b>SEMESTER- VI</b>
----------	--	---------------------

**Total Credits: 4**  
**5Hours / Week**

**OBJECTIVES:**

1. Concepts of home textiles.
2. Suitable home furnishing material.

**CONTENTS**

**UNIT - I**

Introduction to home textiles- definition, types of home textiles (woven and non-wovens). Factors influencing selection of home textiles. Recent trends in home textiles

**UNIT- II**

Floor and wall coverings- definition of floor covering, types of floor covering - hard, soft, and resilient floor coverings, uses and care of floor covering, definition of wall covering, uses and care of wall coverings.

**UNIT - III**

Door and window treatments- definition and parts of door and windows, definition - curtains and draperies, materials used for curtains and draperies. Types of curtains - draw, tailored, pleated, cafe curtains, three tire curtains. Type of draperies - swags. Accessories - rods hook, rails, racks, curtain tape pins.

**UNIT- IV**

Soft furnishing for living and bedroom- definition for living and bedroom linens, types of living and bedroom linens, sofa, sofa covers, wall hangings, cushion/cushion covers, upholsteries, bolster and bolster covers, bed sheets, covers, blankets, blanket covers, comfort and comfort covers, bed spreads, mattress and mattress covers, pillow and pillow covers, pads, uses and care advantages and disadvantages.

**UNIT- V**

Soft furnishing for kitchen, dinning and bathroom- definition, types of kitchen linens, dish cloth, hand towels, fridge, mixie and grinder covers,

their uses and care- definition for dinning. Bathroom linens – types, factors affecting the selection of table and bathroom linens, use and care.

**TEXT BOOKS:**

1. *Gloria Nicol*, 2005. **Readers Digest Quick and Easy Home Sewing Projects**. Cico Books.
2. *Cheryl Mendelson*, 2005. **Home Comforts the Art and Science Keeping House**. Scriber, New York.
3. *Hanlyn Octopus*, 2001. **Cushions and Pillows- Professional Skills Made Easy**. Octopus Publishing Group, New York.

**REFERENCE BOOKS:**

1. *Pat A Jones*, 1979. **House Hold Linen**. The Singer Company.
2. *Magi Mc McCormick Gordon*, 2002. **The Ultimate Sewing Book 200 Sewing Ideas for You and Your Home**. Collins & Brown, London.
3. *Anne van Wagner*, 1993. **Childs Leisure Arts- Inc., Sew- no- more Home Décor**. Arkansas, U.S.A.

<b>15UCF6ED</b>	<b>ELECTIVE- III: INTERNATIONAL TRADE AND DOCUMENTATION</b>	<b>SEMESTER- VI</b>
-----------------	---	---------------------

**Total Credits: 4**  
**5Hours / Week**

**OBJECTIVES:**

1. Types of import and export documents
2. Export and Import procedures

**CONTENTS**

**UNIT-I**

Firm Establishment Introduction- Export Promotion Councils and Their Role- Registration Formalities- RCMC- IE Code- RBI Code- Garment Classification and Categories for Various Countries- Quota- Quota Distribution Methods- Quota Transfer

**UNIT-II**

Foreign Trade Documents need, Rationale And Types of Documents Relating to Goods- Invoice- Packing Note and List- Certificate of Origin- Certificate Relating to Shipments- Mate Receipt- Shipping Bill- Caret Ticket- Certificate Of Measurement- Bill Of Lading- Air Way Bill- Documents Relating to Payment- Letter Of Credit- Types Of L/C- Bill Of Exchange- Letter Of Hypothecation- Bank Certificate for Payment- Document Relating to Inspection- Certificate Of Inspection- GP and Other Forms.

**UNIT-III**

Import Procedure- Import License- Procedure For Import License- Import Trade Control Regulation Procedure- Special Schemes- Replenishment License- Advance License- Split Up License- Spares For After Sales Service License- Code Number- Bill Of Entry.

**UNIT-IV**

Shipment and Customs- Preshipment Inspection and Quality Control- Foreign Exchange Formalities- Preshipment Documents- Documentation Terms- Excise and Customs Clearance of Export Cargo- Shipment of Goods and Port Procedures- Customs Clearance of Import Cargo. Post-

Shipment formalities and Procedures- Claiming Duty Drawback and Other Benefits.

## **UNIT-V**

Payment and Deliveries Terms of Delivery- INCO terms- EXW- FCA- FOB- CFR- CIF- CPT- DAF- DDP- DDU. Terms of Payment- Open Account- Cheque- Cash Payment Against Documents- Bank Payment Against Documents (LC)- Security and Cost of Various Payment Terms- Assessing the Risk In Payment- Role of ECGC and Standard Policy.

### **TEXT BOOKS:**

1. *Paras Ram*, 1990, **Hand Book of Import and export Procedures.**  
Government of Pakistan
2. *Govt. Of India*: **Hand Book Of Import And Export Procedures.**

### **REFERENCE BOOKS:**

1. *Bose. A.* 1965. **Streamline Your Export Paper Work**, International Trade Form.

15UCF6EE	<b>ELECTIVE- III: INTRODUCTION TO TECHNICAL TEXTILES</b>	<b>SEMESTER- VI</b>
----------	--	---------------------

**Total Credits: 4  
5Hours / Week**

**OBJECTIVES:**

1. Technical textiles and its application.
2. Various sectors of technical textiles.

**CONTENTS**

**UNIT-I**

Technical textiles- definition and scope of technical textiles, global and Indian scenario, classification of technical textiles. Fibres used in technical textiles, technical yarns: staple yarns, monofilament, multifilament yarns. Technical fabrics- knitted, woven, nonwoven and braided structures.

**UNIT-II**

Agrotech (agro-textiles)- definition, material used, types, uses. Buildtech (construction textiles)- definition, material used, types, uses. Clothtech (clothing textiles) - definition, material used, types, uses.

**UNIT-III**

Geotech (geo-textiles)- definition, material used, types, uses. Hometech (domestic textiles)- definition, material used, types, uses. Indutech (industrial textiles)- definition, material used, types, uses.

**UNIT-IV**

Mobiltech (transport, automotive and aerospace)- definition, material used, types, uses. Oekotech or Ecotech (environmentally friendly textiles)- definition, material used, types, uses. Packtech (packaging textiles)- definition, material used, types, uses.

**UNIT-V**

Protech (protective textiles)- Definition, material used, types, uses. Sporttech (sports textiles)- definition, material used, types, uses. Smart textiles- definition, material used, types, uses. Intelligent textiles- definition, material used, types, uses.

**TEXT BOOKS:**

1. *Shenai.V.A, Naresh.M.Saraf*, 1987. **Technology of Finishing.** Sevak Publications.
2. *Prayag .R.S*, 1994. **Textile Finishing.** R.S. Prayag.

**REFERENCE BOOKS:**

1. *Horrocks.A.R and Anand.S.C*, 2000. **Handbook of Technical Textiles.** Woodhead Publishing Ltd, England.
2. *Murphy.W.S*, 2003. **Textile Finishing.** Abhishek Publications.

15UCF6EF	<b>ELECTIVE- III: RETAIL MANAGEMENT</b>	<b>SEMESTER- VI</b>
----------	---	---------------------

**Total Credits: 4**  
**5Hours / Week**

**OBJECTIVES:**

- 1 Retail merchandising.
- 2 Store layout and merchandise presentation.

**CONTENTS**

**UNIT-I**

Retail merchandising- the marketing channel, retail organization structures, retail merchandising, retailing formats- department stores specialty stores, hard- to- classify stores, depth and breadth, discounting, other retailing formats- non store retailers.

**UNIT-II**

Retail locations- unplanned shopping districts, planned shopping centers, the mix of stores in a shopping center. Retail growth and expansion- retail ownership. International retailing, retailing advertising.

**UNIT-III**

Brands and private labels- branded merchandising, licensing, private labels, private labels as brands. Merchandise resources- manufacturers, merchant whole sale- distributors. Trade shows.

**UNIT-IV**

The financial aspects of merchandising- measures of productivity- productivity, turnover, stock-to- sales ratio, sales per square foot, space management. Retail pricing- markup. Markdowns, residue merchandise, maintain markup. Tactical price changes, managing markdowns, promotional pricing, deceptive pricing, resale price maintenance.

**UNIT-V**

Store layout and merchandise presentation- store planning and design, visual merchandising, store layout, fixtures, merchandise presentation, signs.

**TEXT BOOKS:**

1. *John Donnellan*, 1996. **Merchandise Buying and Management.**  
Fairchild Publications, New York.
2. *Ellen Diamond*, 2005. **Fashion Retailing: A Multi-Channel Approach- 2<sup>nd</sup> Editions.** Prentice Hall.



15UCF64V	<b>SKILL BASED SUBJECT -IV: FASHION PORTFOLIO PRESENTATION (PROJECT AND VIVA VOCE )</b>	<b>SEMESTER- VI</b>
----------	---	---------------------

**Total Credits: 3  
4 Hours / Week**

**OBJECTIVES:**

1. Design creation
2. Theme based garments construction and presentation

**CONTENTS**

**CREATE DESIGN AND CONSTRUCT 4-6 GARMENTS:**

Portfolio development and presentation technique;

**CONCEPT AND THEME DEVELOPMENT:**

Inspiration- idea sourcing- research and adaptation- exposure to new ideas to encourage originality of thought. Theme and direction for design brief- fabric theme. Colour story- concept and direction- formulation of design brief.

**DEVELOPMENT OF MOOD BOARDS AND STORY BOARDS:**

Creation of concept boards- mood boards and illustration boards- methods of displaying the fashion collection- techniques of presentation for selection. Visualization and communication- idea sheets, organization of illustrated designs into group presentation drawings /illustrations- production of drawings for sample development.

**FABRIC SOURCING AND PATTERN DEVELOPMENT:**

Fabric selection- sourcing of fabrics available in the market place. Selection of fabric . Pattern construction and development- toile preparation.

**From Toile's to Actual Garments**

**Construction details,** Accessories development, Final presentation  
Number of garments in a collection- 4-6 garments.

**TEXT BOOKS:**

1. *Bina Abling*, 1987. **Fashion Sketch Book**. Fair Child Publications,  
New York Wardrobe.

  
BoS Chairman/HoD  
Department of Costume Design & Fashion  
Dr. N. G. P. Arts and Science College  
Coimbatore – 641 048

  
Dr. P. R. MUTHUSWAMY  
PRINCIPAL  
Dr. NGP Arts and Science College  
Dr. NGP - Kalapatti Road  
Coimbatore - 641 048  
Tamilnadu, India