

BACHELOR OF COSTUME DESIGN AND FASHION

SYLLABUS 2018-19 (Outcome Based Education)



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2nd Cycle)

Dr. N.G.P.- Kalapatti Road, Coimbatore-641048, Tamil Nadu, India

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BACHELOR OF 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 programme 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 there to are permitted to appear and qualify for **the Bachelor of Costume Design and Fashion** Degree examination of this College after a programme of study of three academic years.

PROGRAMME EDUCATIONAL OBJECTIVES

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

COURSE CODE	COURSE	HRS OF INS	EXAM DURATION (HRS)	MAX MARKS			CREDIT POINTS
				CA	CE	TOTAL	
First Semester							
Part- I							
17UTL11T/ 17UHL11H/ 17UML11M/ 17UFL11F	Tamil-I/ Hindi-I/ Malayalam-I/ French-I	5	3	25	75	100	3
Part- II							
17UEG12F	English-I	5	3	25	75	100	3
Part- III							
18UCF13A	Core - I: Fashion Concepts	4	3	20	55	75	4
18UCF1AA	Allied Theory - I: Apparel Designing	4	3	20	55	75	4
18UCF13P	Core Practical - I: Basic Fashion Illustration	4	3	30	45	75	2
18UCF13Q	Core Practical - II: Apparel Designing	6	3	30	45	75	3
Part- IV							
17UFC1FA	Environmental Studies	#	2	-	50	50	2
	Placement	2	-	-	-	-	-
		30				550	21
Second Semester							
Part- I							
17UTL21T/ 17UHL21H/ 17UML21M/ 17UFL21F	Tamil-II/ Hindi-II/ Malayalam-II/ French-II	5	3	25	75	100	3
Part- II							
17UEG22F	English-II	5	3	25	75	100	3
Part- III							

17UCF23A	Core-II: Sewing Technology	4	3	20	55	75	4
17UCF23P	Core Practical -III: Pattern Making and Grading	6	3	30	45	75	3
18UCF23Q	Core Practical - IV: Surface Embellishment	4	3	30	45	75	2
17UCF2AA	Allied Theory - II: Pattern Making and Grading	4	3	20	55	75	4
Part- IV							
17UFC2FA	Value Education- Human Rights	#	2	-	50	50	2
	Placement	2	-	-	-	-	-
		30				550	21
Third Semester							
Part- III							
17UCF33A	Core - III: Textile Science	4	3	20	55	75	4
18UCF33B	Core -IV: Fashion Designing	4	3	20	55	75	3
18UCF33P	Core Practical -V: Textile Science	4	3	30	45	75	2
18UCF33Q	Core Practical - VI: Advanced Fashion Designing	4	3	30	45	75	2
18UBM3AA	Allied Theory - III: Entrepreneurial Development	4	3	20	55	75	4
18UCF3SP	Skill based Practical - I : Children's Apparel	6	4	40	60	100	3
17UFC34T	Industrial Training	-	-	50	-	50	4
Part- IV							
	NMEC- I	2	2	-	50	50	2

17UFC3FA/ 17UFC3FB/ 17UFC3FC/ 17UFC3FD	Basic Tamil / Advanced Tamil / Value Education (Yoga for Human Excellence) / Women's Rights	#	2	-	50	50	2
	Placement	2	-	-	-	-	-
		30				625	26
Fourth Semester							
Part- III							
17UCF43A	Core-V: Fabric Construction	4	3	20	55	75	4
17UCF43B	Core - VI: Traditional Textiles and Costumes of India	4	3	20	55	75	4
17UCF43P	Core Practical -VII: Fabric Construction	4	3	30	45	75	2
17UCF43Q	Core Practical VIII: Draping	4	3	30	45	75	2
17UCY4AE	Allied theory -IV: Textile chemistry	4	3	20	55	75	4
17UCF4SP	Skill based Practical-II: Women's Apparel	6	4	40	60	100	3
Part IV							
	NMEC- II	2	-	-	50	50	2
17UFC4FA/ 17UFC4FB/ 17UFC4FC	Basic Tamil / Advanced Tamil/ General Awareness	#	2	-	50	50	2
	Placement	2	-	-	-	-	-
		30				575	23
Fifth Semester							
Part III							
18UCF53A	Core -VII: Textile Finishes	5	3	20	55	75	5

18UCF53B	Core – VIII: Textile Processing and	5	3	20	55	75	5
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	Dyeing						
18UCF53P	Core Practical - IX: Men's Apparel	6	4	40	60	100	3
18UCF53Q	Core Practical- X: Textile Processing and Dyeing	4	3	20	55	75	2
	Elective- I	4	3	25	75	100	4
18UCF5SP	Skill based Course- III: Computer Aided Designing –I	6	3	30	45	75	3
17UCF53V	Mini project*	-	-	-	50	50	4
TOTAL		30				550	26

Sixth Semester**Part III**

18UCF63A	Core – IX: Textile Printing	4	3	20	55	75	4
18UCF63P	Core Practical - XI : Textile Printing	4	3	30	45	75	2
18UCF63Q	Core Practical-XII: Accessory Designing	4	3	30	45	75	2
	Elective- II	4	3	25	75	100	4
	Elective- III	4	3	25	75	100	4
17UCF63V	Project – Fashion Portfolio Presentation (Project with Viva voce)	4	-	30	45	100	2
18UCF6SP	Skill based Course- IV: Computer Aided Designing –II	6	3	30	45	75	3

Part V

17UEX65A	Extension Activity	-	-	50	-	50	2
		30				650	23
TOTAL						3500	140

- Hours of instruction –Placement

* Mini project in the V semester related to fashion/ textile/ apparel/ processing field.

TOTAL CREDIT DISTRIBUTION

COURSE	CREDITS	TOTAL		TOTAL CREDITS	CUMULATIVE TOTAL
Part I:Tamil	3	2 *100	200	6	12
Part II: English	3	2 *100	200	6	
Part III:					
Core theory	3	1 * 75	75	3	114
	4	6 * 75	450	24	
	5	2*75	150	10	
Core Practical	2	9 * 75	675	18	
	3	2 * 75	150	6	
	3	1 *100	100	3	
Industrial training	4	1 * 50	50	4	
Mini project	4	1 * 50	50	4	
Project	2	1 * 75	75	2	
Elective	4	3 * 100	300	12	
Allied Theory	4	4* 75	300	16	
Skill Based Course	3	2 * 100	200	6	
	3	2 * 75	150	6	
Part IV:					
Value Education	2	3 * 50	150	6	12
Environmental Studies	2	1 * 50	50	2	
NMEC	2	2 * 50	100	4	
Part V:					

Extension Activity	2	1 * 50	50	2	2
Total			3500		140

ELECTIVE- I

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

S. NO	COURSE CODE	NAME OF THE COURSE
1.	18UCF5EA	Garment Quality and Cost Control
2.	17UCF5EB	Fashion Merchandising
3.	18UCF5EC	Design Thinking

ELECTIVE- II

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

S. NO	COURSE CODE	NAME OF THE COURSE
1.	17UCF6EA	Apparel Marketing and Merchandising
2.	17UCF6EB	Principles of Textile Testing
3.	17UCF6EC	Home Textiles

ELECTIVE- III

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

S. NO	COURSE CODE	NAME OF THE COURSE
1.	18UCF6ED	International Trade and Documentation
2.	18UCF6EE	Introduction to Technical Textiles
3.	18UCF6EF	Retail Management

NON MAJOR ELECTIVE COURSE

1. The Department offers the following two papers as Non Major Elective Course for other department students.
2. Student shall select the following course as Non Major Elective Course during their third and fourth semester

S. NO	SEMESTER	COURSE CODE	COURSE TITLE
1.	III	17UNM34H	Basics of fashion
2.	IV	17UNM44H	Body Language and Personal Grooming

FOR PROGRAMME COMPLETION

Students have to complete the following:

1. Part I, II, III, IV and V as mentioned in the scheme.
2. Industrial training: Course code 17UFC34T
 - Student must undergo Industrial training for 15 days during Summer Vacation in II Semester. Internal and external Examiner will evaluate the report in Semester III. Based on the performance Grade will be awarded as follows:
 - A- 75 marks and above
 - B- 60-74 marks
 - C- 40-59 marks
 - Below 40 marks – Re Appear

**EARNING EXTRA CREDITS IS NOT MANDATORY FOR PROGRAMME
COMPLETION
EXTRA CREDITS**

S.NO	COURSE	CREDIT	TOTAL CREDITS
1	BEC/ Self Study courses	1	1
2	Hindi / French/ Other foreign Language approved by certified Institutions	1	1
3	Type Writing / Short Hand Course	1	1
4	Diploma/Certificate/CPT/ ACS Course	1	1
5	Representation – Academic/Sports /Social Activities/ Extra Curricular / Co-Curricular activities at University/ District/ State/ National/ International	1	1
Total			5

Rules:

The students can earn extra credits only if they complete the above during the course period (III Sem) and based on the following criteria. Proof of Completion must be submitted in the office of the Controller of Examinations before the commencement of the VI Semester.

1. Student can opt BEC course/ Self Study course to earn one credit. They have to Enroll and complete any one of the course during III semester. Self Study paper offered by Costume Design and Fashion Department.

S. NO.	SEMESTER	COURSE CODE	COURSE TITLE
1.	III Sem	18UCFSS1	Body Language and Personal Grooming
2.		18UCFSS2	Computers in the Garment Industry

2. Student can opt Hindi/ French/ Other foreign Language approved by certified Institutions to earn one credit. The certificate (Hindi) must be obtained from Dakshina **Bharat Hindi Prachar Sabha** and He/ she has to enroll and complete during their programme period (first to fifth semester)
3. Student can opt for Type writing /short hand course to earn one extra credit. He/she has to enroll and complete the course during their programme period to obtain certificate through **Tamil Nadu Board of Technical Education**
4. Student can opt for Diploma/certificate/CA/ACS/CMA foundation to earn one extra credit. Student who opt for Diploma/ Certificate course have to enroll any diploma/certificate course offered by Bharathiar University through our Institution. Student who opt for CA/ ACS/CMA have to enroll and complete the foundation level during the programme period.
5. Award Winners in Academic/ Representation in Sports /Social Activities/ Extra Curricular/ Co-Curricular Activities at University/ District/ State/ National/ International level can earn one extra credit.

PROGRAMME OUTCOMES

On the successful completion of the programme the following are the expected outcomes

PO NUMBER	PO STATEMENT
PO1	To understand design concepts to develop them exceptionally good
PO2	Analyze and apply knowledge of various process in textiles , design and fashion
PO3	To develop and apply critical thinking skills within the context of professional in apparel industry
PO4	To apply knowledge on advance information technology and develop to communicate effectively
PO5	To organize entrepreneur skill management and team building

17UTL11T	தமிழ் - தாள் -1	SEMESTER - I
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குறிக்கோள்:

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடு , பகுத்தறிவு, கலை மற்றும் மரபு ஆகியவற்றை அறிந்து மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

பயனடைவுக்கல்வியின்விளைவாக ஏற்படும் பயன்பாடுகள்

பாடத்திட்டப் பகுப்பு முறை	பாடத்திட்டத்தின் குறிக்கோள்	அறிவுத்திறன் வெளிப்படும் அளவு முறை
CO ₁	வாழ்க்கைத் திறன்கள் (Life Skills) - மாணவனின் செயலாக்கத்திறனைத் தாய்மொழி வாயிலாக ஊக்குவித்தல்	K ₁ , K ₂ , K ₃
CO ₂	மதிப்புக்கல்வி (Attitude and Value educations)	K ₂ , K ₄
CO ₃	பாட இணைச்செயல்பாடுகள் (Co-curricular activities)	K ₂ , K ₃ , K ₄
CO ₄	சூழலியல் ஆக்கம் (Ecology)	K ₄
CO ₅	மொழி அறிவு (Tamil knowledge)	K ₅ , K ₆

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	M	M
CO2	S	M	M	M	M
CO3	S	M	M	M	M
CO4	S	M	M	M	M
CO5	S	M	M	M	M

S - STRONG, M - MEDIUM, L - LOW

17UTL11T	தமிழ் - தாள் -1	SEMESTER - I
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TOTAL CREDITS: 3
5 HOURS / WEEK

கவிதை - சிறுகதை - இலக்கிய வரலாறு - இலக்கணம்

அலகு 1-கவிதைகள்- நாட்டுப்பற்று

- பாரததேசம் .1- பாரதியார்
- .2புத்தகசாலை,புதியஉலகு செய்வோம்- பாரதிதாசன்
- .3ஒற்றுமையே உயிர்நிலை - கவிமணி
- .4அவனும் அவளும் நாமக்கல் கவிஞர் -

அலகு - சமூகமும் 2, இயற்கையும்

- .1ஒப்பில்லாத சமுதாயம்அப்துல் -ரகுமான்
- .2காகிதப்பூக்கள் காமராசன்.நா -
- .3கரிக்கிறது தாய்ப்பால்- ஆரூர் தமிழ்நாடன்
- .4மரங்கள்- மு மேத்தா.
- .5ஹைகூ கவிதைகள் 10)கவிதைகள்(

அலகு - பெண்ணியம் 3

- 1. தற்காத்தல் - பொன்மணி வைரமுத்து
- 2. மாங்கல்ய மரமும் தொட்டில் மரமும் - ஆண்டாள் பிரியாதர்சினி
- 3. அம்மா - செல்வநாயகி
- 4. நீரில் அலையும் முகம் வெண்ணிலா.அ -

அலகு 4 -சிறுகதைகள்

- 1. பொன்னகரம் புதுமைப்பித்தன் -
- 2. விடியுமா? .ரா.ப.கு -
- 3. குருபீடம் ஜெயகாந்தன் -
- 4. காய்ச்சமரம்ராஜநாராயணன்.கி -
- 5. புதியபாலம் -நா பார்த்தசாரதி .
- 6. பூ -.....மேலாண்மை பொன்னுசாமி
- 7. வேட்கை- சூர்யகாந்தன்

அலகு 5 -இலக்கிய வரலாறு , இலக்கணம்

- .1தமிழ்க் கவிதையின் தோற்றமும் வளர்ச்சியும் மரபு),புதுக்கவிதைகள்(
- .2தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்
- .3வல்லினம் மிகும், மிகா இடங்கள்
- .4ர,ற ; ல, ழ, ள ; ண, ந,ன, வேறுபாடு

பார்வை நூல்கள் :

.1செய்யுள் திரட்டு தமிழ்த்துறை வெளியீடு –

.2இலக்கிய வரலாறு பேராசிரியர் முனைவர் பாக்யமேரி -

17UHL11H	HINDI-I	SEMESTER - I
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PREAMBLE:

- To develop the writing ability and develop reading skill.
- To learn various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process.

COURSE OUTCOMES:

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

CO NUMBER	CO STATEMENTS	KNOWLEDGE LEVEL
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Apply the knowledge writing critical views on fiction	K3
CO4	Build creative ability	K3
CO5	Expose the power of creative reading	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S - STRONG, M - MEDIUM, L - LOW

17UHL11H	HINDI-I	SEMESTER - I
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TOTAL CREDITS: 3
5 HOURS / WEEK

CONTENTS

UNIT - I

गद्य – नूतन गद्य संग्रह (जय प्रकाश)

पाठ 1- रजिया

पाठ 2- मक्रील

पाठ 3- बहता पानी निर्मला

पाठ 4- राष्ट्रपिता महात्मा गाँधी

प्रकाशक: सुमित्र प्रकाशन

204 लीला अपार्टमेंट्स, 15 हेस्टिंग्स रोड

अशोक नगर इलाहाबाद-211001

UNIT - II

कहानी कुंज- डॉ वी.पी. 'अमिताभ' (पाठ 1-4)

प्रकाशक: गोविन्द प्रकाशन

सदर बाजार, मथुरा

उत्तरप्रदेश-281001

UNIT - III

व्याकरण : शब्द विचार (संज्ञा, सर्वनाम, कारक, विशेषण)

पुस्तक: व्याकरण प्रदिप- रामदेव

प्रकाशक: हिन्दी भवन 36

टेगोर नगर

इलाहाबाद-211024

UNIT - IV

अनुवाद अभ्यास-III (केवल अंग्रेजी से हिन्दी में)

(पाठ 1 to 10)

प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई -17

17UML11M	MALAYALAM-I	SEMESTER-I
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PREAMBLE:

- To develop the writing ability and develop reading skill.
- To learn various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process.

COURSE OUTCOMES:

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

CO NUMBER	CO STATEMENTS	KNOWLEDGE LEVEL
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Apply the knowledge writing critical views on fiction	K3
CO4	Build creative ability	K3
CO5	Expose the power of creative reading	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S - STRONG, M - MEDIUM, L - LOW

17UML11M	MALAYALAM-I	SEMESTER-I
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TOTAL CREDITS: 3
5 HOURS /WEEK

CONTENTS

Paper I Prose, Composition & Translation

This paper will have the following five units:

- 1. UNIT I &II** - Novel
- 2. UNIT III & IV** - Short story
- 3. 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:

- Kavitha Sahithya Charitram –Dr. M.Leelavathi (Kerala Sahithya Academy, Trichur)
- Malayala Novel sahithya Charitram –K.M.Tharakan(N.B.S. Kottayam)
- Malayala Nataka Sahithya Charitram-G.Sankarapillai(D.C.Books, Kottayam)
- Cherukatha Innale Innu –M.Achuyuthan(D.C. Books, Kottayam)
- Sahithya Charitram Prasthanangalilude-Dr. K.M. George,(Chief Editor)
(D.C. Books, Kottayam)

17UFL11F	FRENCH- I	SEMESTER- I
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PREAMBLE

- To Acquire Competence in General Communication Skills – Oral + Written – Comprehension & Expression
- To Introduce the Culture, life style and the civilization aspects of the French people as well as of France
- To help the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES:

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

CO NUMBER	CO STATEMENTS	KNOWLEDGE LEVEL
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	To learn the adjectives and the classroom environment in France	K2
CO3	Learn the Plural, Articles and the Hobbies	K3
CO4	To learn the Cultural Activity in France	K3
CO5	To learn the Sentiments, life style of the French people and the usage of the conditional tense	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S - STRONG, M - MEDIUM, L - LOW

17UFL11F	FRENCH- I	SEMESTER- I
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TOTAL CREDIT: 3
5 HOURS /WEEK

Compétence Culturelle	Compétence De communication	Compétence grammaticale
UNITÉ 1 – Ici, en France		
<ul style="list-style-type: none"> • Moi et les Autres • La France Express 	<ul style="list-style-type: none"> • INTERACTION: s'identifier • RÉCEPTION ECRITE: Comprendre une annonce d'aéroport • RÉCEPTION ORALE: comprendre l'écrit de la rue (Panneaux, plaques, rues...) • PRODUCTION ÉCRITE: écrire un SMS 	<ul style="list-style-type: none"> • Le présent des verbes: Je suis, je reste, j'arrive • Le lieu: (je suis) à... (je suis) ici • L'infinitif
UNITÉ 2 – Ici, en classe		
<ul style="list-style-type: none"> • Moi et le français • Le français dans le monde 	<ul style="list-style-type: none"> • INTERACTION: Se présenter • RÉCEPTION ORALE: Comprendre des consignes Orales • RÉCEPTION ÉCRITE: Comprendre une fiche D'inscription • PRODUCTION ÉCRITE: écrire un texte à l'impératif 	<ul style="list-style-type: none"> • Tu/ vous • Le présent des Verbes en-er et de être: je, tu, vous • La forme Impérative (tu, vous) Des verbes en-er
UNITÉ 3 - Samedi		
<ul style="list-style-type: none"> • Le fil du temps 	<ul style="list-style-type: none"> • INTERACTION: S'informer • RÉCEPTION ORALE: Comprendre une annonce • RÉCEPTION ÉCRITE: Comprendre un article (titres et illustrations) • PRODUCTION ÉCRITE: écrire des slogans 	<ul style="list-style-type: none"> • Les articles Définies: le, la, les • A, de + le, la, les: Au, aux, du, des, à l', de l' • Être (présent) l'heure • Il faut + nom Il faut + infinitive • Phrases verbe + complément, Complément + verbe
UNITÉ 4 - Dimanche		

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

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

17UEG12F	ENGLISH - I	SEMESTER - I
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PREAMBLE:

To expose students to language competency through literary works and to obtain development in various genres of English Literature and the skills of the language

COURSE OUTCOMES:

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

CO NUMBER	CO Statement	Knowledge Level
CO1	Analyze the genre of prose through the works of Martin Luther King, M. K. Gandhi and Jesse Owens	K 4
CO2	Interpret Poetry through the poems of Tagore, George Herbert and John Milton	K 2
CO3	Analyze the techniques of Short Story writing through the works of R. K. Narayan, Guy De Manupassant and Bonnie Chamberlain.	K 4
CO4	Interpret the techniques of One Act Play through the play by Ramu Ramanathan	K 2
CO5	Explain the fundamentals of basic Grammar through Functional English	K 2

MAPPING WITH PROGRAMME OUTCOME

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	S	S
CO2	S	M	S	S	S
CO3	S	M	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	M

S - STRONG, M - MEDIUM, L - LOW

17UEG12F	ENGLISH - I	SEMESTER - I
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TOTAL CREDITS: 3
5 HOURS / WEEK

CONTENTS

UNIT I - PROSE

I Have a Dream – Martin Luther King Jr.

At School – M.K. Gandhi

My Greatest Olympic Prize – Jesse Owens

UNIT II - POETRY

Where the Mind is without Fear – Rabindranath Tagore

Pulley – George Herbert

On His Blindness – John Milton

UNIT III - SHORT STORY

The Gateman's Gift – R.K. Narayan

The Necklace – Guy De Maupassant

The Face of Judas Iscariot – Bonnie Chamberlain

UNIT IV - ONE ACT PLAY

The Boy Who Stopped Smiling – Ramu Ramanathan

UNIT V - FUNCTIONAL GRAMMAR AND COMPOSITION

Sentences , Verbs – Tenses and Voice

Concord, Letter – Writing

Dialogue Writing

TEXT BOOK:

1. Board of Editors. 2016. *Stream – A Course book to enhance Language and Life Skills*. Chennai: New Century Book House.

REFERENCE BOOK:

1. Wren and Martin, *High School English Grammar and Composition* S. Chand Publishing 2006, New Delhi.

18UCF13A	CORE -I: FASHION CONCEPTS	SEMESTER I
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PREAMBLE:

1. To understand the fashion concept, trimmings and different accessories used.
2. To know and apply the different stages of designing.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in fashion concept.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Definition and origin of fashion. Terms related to the fashion industry.	K2
CO2	Fashion Design Presentation, What Makes a Good Fashion Drawing?	K3
CO3	Presentation Skills , Types of Fashion Drawing	K4
CO4	Apparel categories, Accessories used in Fashion Designing	K2
CO5	Different types of Trimmings	K3

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	M	M	M
CO2	S	S	M	M	M
CO3	S	S	M	M	M
CO4	S	S	M	M	M
CO5	S	S	M	M	M

S- STRONG, M- MEDIUM, L- LOW

18UCF13A	CORE -I: FASHION CONCEPTS	SEMESTER I
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TOTAL CREDITS: 4

4 HOURS /WEEK

CONTENTS

UNIT - I

Definition and origin of fashion. 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

Fashion Design Presentation – Graphical Skills a) Figure drawing b) What are fashion trend and fashion proportion c) Basic Proportions of Female Figure for Fashion Design Drawing d) Male proportion and body shapes e) Children body proportion and body shapes .

What Makes a Good Fashion Drawing? (i) Composition and Well Planned Layout (ii) Right Purpose (iii) Understanding Construction and Form (iv) Awareness of Body Perspective and Proportion (v) Rhythm of Line (vi) Effective Use of Paper and Media (vii) Evidence of Observation (viii) Evidence of Enquiry

UNIT - III

Types of Fashion Drawing - What is Fashion Illustration? What is Fashion Sketch? (iii) Stylization (iv) Production Drawing Presentation Skills - (A) Presentation Techniques (B) Presentation Boards C) Layout of Presentation Boards

UNIT - IV

Introduction to apparels, apparel categories- women's wear, men's wear, children's wear (clothing categories, size, ranges, styling and prize). Definition and types of Accessories used in Fashion Designing, Hats - Parts of a hat , Styles of Hats, Designing Aspects For Hats, Hand bags - Designing Aspects For Hand Bags, , Footwear - Different parts of Shoe include the following, Scarf, Shawls, Ties, Fabric Bows, Belts, Jewellery

UNIT - V

Trimmings - Threads, Elastics, Interfacings, Narrow fabrics- laces, embroidery, ribbons, braids and cords, Fasteners-zippers, buttons, hook and loop, Belts

TEXT BOOKS:

1. *Ginistephens Frings* **Fashion from concept to consumer**. Seventh Edition

REFERENCE BOOKS:

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

18UCF1AA	ALLIED THEORY - I : APPAREL DESIGNING	SEMESTER- I
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PREAMBLE:

1. Basic sewing.
2. Style variations.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge and technical in the construction of garment

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Grain, demonstrate the seams and seam finishes.	K3
CO2	Explain and apply the definition and types of fullness, facings and bindings in garment construction.	K2 , K3
CO3	Summarize the characteristics of a good placket, types of plackets and construct the types of plackets in garment construction.	K2 ,K3
CO4	Demonstrate and develop the types of sleeves and yokes	K2 , K3
CO5	Categorize the definitions of collars and pockets, types of collars and pockets.	K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	S

S- STRONG, M- MEDIUM, L- LOW

18UCF1AA	ALLIED THEORY - I : APPAREL DESIGNING	SEMESTER- I
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TOTAL CREDITS: 4
4 HOURS /WEEK

CONTENTS

UNIT-I

Grain -Definition, types - Selvedge, on grain and off grain. Importance of grain in fabric cutting and construction. Seams and seam finishes- Definition, types, working of seams and seam finishes. Hems- Definition, 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.

Assembling of the garments- men's, women's and children's.

TEXT BOOKS:

1. **Garment Construction Skills**, *Premlata Mullik*, 2002. 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.
3. *Mary mathews*, 1986, **Practical Clothing Construction - part I & II**, cosmic press, Chennai

18UCF13P	CORE PRACTICAL - I: BASIC FASHION ILLUSTRATION	SEMESTER- I
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TOTAL CREDITS: 2

4 HOURS / WEEK

PREAMBLE

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

CONTENTS

1. Learning the different types of strokes and shades
2. Learning the usage of various drawing and sketching mediums- pencils, ink, charcoal, crayons and poster colors
3. Illustrating pattern details- pockets, sleeves, yokes, skirts, trousers, tops.
4. Illustrating details of ruffles, cowls, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces.
5. Practicing the art of creating textures.
6. Dividing the figure into various parts using lines like plumb line, centre front line, princess line, waistline, side seam, armholes, jewel neckline, panty line, bust line.
7. Proportion study- 8 1/2 and 10 head theory- stick, block and flesh figures for men and women.
8. Drawing head, hands, legs and feet in different angles.
9. Learning various types of hair styling.
10. Illustrating different type of ornaments and accessories

TEXT BOOKS:

1. *Ireland Patrick John*, 2005. **Fashion Design Illustration: Children**. Om Book International.
2. *BinaAbling*, 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

18UCF13Q	CORE PRACTICAL - II: APPAREL DESIGNING	SEMESTER- I
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TOTAL CREDITS: 3

6 HOURS / WEEK

PREAMBLE

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(ANY 3)

- (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 (ANY 1)

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

B. Binding (ANY 1)

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

5. Preparation of samples for plackets and fasteners (ANY 2)

A. Plackets

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

B. Fasteners (ANY 2)

- (i) Button and Button hole
 - (ii) Button loops
 - (iii) Snaps / press button
 - (iv) Hook and eye
6. Preparation of samples for sleeve (ANY 2)
- (i) Plain sleeve
 - (ii) Puff sleeve (any one type)
 - (iii) Raglan sleeve
 - (iv) Circular Sleeve
 - (v) Cap sleeve
7. Preparation of samples for yoke
- (i) Yoke with fullness within the yoke,
 - (ii) Yoke supporting fullness.
8. Preparation of samples for collar
- (i) Peter pan collar,
 - (ii) Full shirt collar,
 - (iii) Shawl collar.
9. Preparation of samples (i)
- Patch pocket, (ii)
 - Bound pocket.

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.

17UFC1FA	PART-IV: VALUE EDUCATION ENVIRONMENTAL STUDIES	SEMESTER - I
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TOTAL CREDITS: 2

2 HOURS / WEEK

CONTENTS

UNIT- I

The Multi Disciplinary Nature of Environmental Studies: Definition, scope and importance-Need for public awareness-Natural resources- Natural resources and associated problems-Role of an individual in conservation of natural resources- Equitable use of resources for sustainable lifestyle...

UNIT- II

Eco System: Concept of an eco system-structure and function of eco system- Producers, consumers and decomposers-Energy flow in the eco system- Ecological succession-Food chain, food webs and ecological pyramids-Forest ecosystem-Grassland eco system-Desert eco system- Aquatic eco system...

UNIT- III

Bio Diversity and its Conservation Introduction Definition: Genetic, Species and Eco System Diversity-Bio Geographical Classification Of India: Value of bio diversity: conceptive use, productive use, social, ethical and option values- bio diversity at global, national and local levels-India as a mega diversity nation, hot spots-threats: habitat loss, poaching of wild life-man wild life conflicts- endangered and endemic species of India, conservation of bio diversity....

UNIT- IV

Environmental Pollution: Definition-causes, effects and control measures of air, water, soil, noise, thermal pollution-soil waste management: causes, effects and control measures of urban and industrial wastes-prevention of pollution- pollution case studies-disaster management: floods, earthquake, cyclone and landslides...

UNIT- V

Social Issues and the Environment: Sustainable development-urban problems related to energy-water conservation, rain water harvesting, watershed management-resettlement and rehabilitation of people ;its problems and concerns-environmental ethics: issues and possible solutions-climate change, global warming, ozone layer, depletion, acid rain, nuclear accidents and holo caust-consumerism and waste products-environmental protection act-air, water act-wild life protection act-forest conservation act-issues involved in enforcement of environmental legislation-public awareness-human population and the environment.

TEXT BOOK:

1. *Kumaraswamy. K, A. Alagappa Moses and M. Vasanthy. 2001, Environmental Studies.* Thanjavur- National Offset Printers.

17UTL21T	தமிழ் - தாள் - 2	SEMESTER - II
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குறிக்கோள்:

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடு , பகுத்தறிவு, கலை மற்றும் மரபு ஆகியவற்றை அறிந்து மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

பயனடைவுக்கல்வியின்விளைவாக ஏற்படும் பயன்பாடுகள்:

பாடத்திட்டப் பகுப்பு முறை	பாடத்திட்டத்தின் குறிக்கோள்	அறிவுத்திறன் வெளிப்படும் அளவு முறை
CO ₁	வாழ்க்கைத் திறன்கள் (Life Skills) - மாணவனின் செயலாக்கத்திறனைத் தாய்மொழி வாயிலாக ஊக்குவித்தல்	K ₁ , K ₂ , K ₃
CO ₂	மதிப்புக்கல்வி (Attitude and Value educations)	K ₂ , K ₄
CO ₃	பாட இணைச்செயல்பாடுகள் (Co-curricular activities)	K ₂ , K ₃ , K ₄
CO ₄	சூழலியல் ஆக்கம் (Ecology)	K ₄
CO ₅	மொழி அறிவு (Tamil knowledge)	K ₅ , K ₆

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	M	M
CO2	S	M	M	M	M
CO3	S	M	M	M	M
CO4	S	M	M	M	M
CO5	S	M	M	M	M

S - STRONG, M - MEDIUM, L - LOW

17UTL21T	தமிழ் 2- தாள் -	SEMESTER - II
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TOTAL CREDITS: 3
5 HOURS /WEEK

செய்யுள் - உரைநடை - இலக்கிய வரலாறும் இலக்கணமும்

அலகு - 1

- .1திருக்குறள் -அ(83 எண்.அ) கூடா நட்பு .
ஆ (93 எண்.அ) கள்ளுண்ணாமை.
இ (110 எண்.அ) குறிப்பறிதல் .
ஈ (113 எண்.அ) காதல் சிறப்புரைத்தல் .
.2முதுரை 10) ஒளவையார்-பாடல்கள்6 -7,9,10,14,16,17,23,26,30(

அலகு - 2

- .1புரட்சிக்கவி -பாரதிதாசன்

அலகு - உரைநடை 3

1. சங்க நெறிகள்மாணிக்கம்.சுப.வ -
2. கர்ணனும் கும்பகர்ணனும் சேதுப்பிள்ளை.பி.ரா -
3. அறிவியலும் கலையும் -முவரதராசன்.

அலகு - உரைநடை 4

1. வாழ்வியல் இயக்கம் - குன்றக்குடி அடிகளார்
2. பெரியார் உணர்த்தும் சுயமரியாதையும் சமதர்மமும் ஆனைமுத்து.வே -
3. போதைப்பொருள்- அமுதன்

அலகு 5 -இலக்கிய வரலாறும் இலக்கணமும்(பாடத்திட்டம் தழுவியது)

1. பதினெண்கீழ்க்கணக்கு நூல்கள்
2. தமிழ் உரைநடையின் தோற்றமும் வளர்ச்சியும்
3. வழு, வழுவமைதி,வழாநிலை
4. பிறமொழிச் சொற்களைத் தமிழில் மொழிபெயர்த்தல்

பார்வை நூல்கள் :

- .1செய்யுள் திரட்டு - தமிழ்த்துறை வெளியீடு
.2இலக்கிய வரலாறு பேராசிரியர் முனைவர் பாக்யமேரி -

17UHL21H	HINDI-II	SEMESTER - II
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PREAMBLE:

- To develop the writing ability and develop reading skill.
- To learn various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process.

COURSE OUTCOMES:

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

CO NUMBER	CO STATEMENTS	KNOWLEDGE LEVEL
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Apply the knowledge writing critical views on fiction	K3
CO4	Build creative ability	K3
CO5	Expose the power of creative reading	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S - STRONG, M - MEDIUM, L - LOW

17UHL21H	HINDI-II	SEMESTER - II
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TOTAL CREDITS: 3
5 HOURS /WEEK

CONTENTS

UNIT - I

आधुनिक पद्य – शबरी (श्री नरेश मेहता)

प्रकाशक: लोकभारती प्रकाशन

पहली मंजिल, दरबारी बिल्डिंग,

महात्मा गाँधी मार्ग, इलाहाबाद-211001

UNIT - II

उपन्यास : सेवासदन-प्रेमचन्द

प्रकाशक: सुमित्र प्रकाशन

204 लीला अपार्टमेंट्स, 15 हेस्टिंग्स रोड'

अशोक नगर इलाहाबाद-211001

UNIT - III

अनुवाद अभ्यास-III (केवल हिन्दी से अंग्रेजी में)

(पाठ 1 to 10)

प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई -17

UNIT - IV

पत्र लेखन: (औपचारिक या अनौपचारिक)

17UML21M	MALAYALAM-II	SEMESTER-II
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PREAMBLE:

- To develop the writing ability and develop reading skill.
- To learn various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process.

COURSE OUTCOMES:

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

CO NUMBER	CO STATEMENTS	KNOWLEDGE LEVEL
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Apply the knowledge writing critical views on fiction	K3
CO4	Build creative ability	K3
CO5	Expose the power of creative reading	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S - STRONG, M - MEDIUM, L - LOW

17UML21M	MALAYALAM-II	SEMESTER- II
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TOTAL CREDITS: 3
5 HOURS /WEEK

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 III, IV & V Kappirikalude Nattil – S.K. Pottakkadu (D.C. Books, Kottayam)
2. Kannerum Kinavum – V.T. Bhatathirippadu Autobiography (D.C. Books, Kottayam)

REFERENCE BOOKS:

1. **Jeevacharitrasahithyam** – Dr. K.M. George(N.B.S. Kottayam)
2. **Jeevacharitrasahithyam Malayalathil** - Dr. Naduvattom Gopalakrishnan (Kerala Bhasha Institute, Trivandrum)
3. **Athmakathasahithyam Malayalathil** - Dr. Vijayalam Jayakumar (N.B.S. Kottayam)
4. **Sancharasahithyam Malayalathil** - Prof. Ramesh Chandran. V, (Kerala Bhasha Institute, Trivandrum)

17UFL21F	FRENCH- II	SEMESTER- II
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PREAMBLE

- To Acquire Competence in General Communication Skills – Oral + Written – Comprehension & Expression
- To Introduce the Culture, life style and the civilization aspects of the French people as well as of France
- To help the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES:

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

CO NUMBER	CO STATEMENTS	KNOWLEDGE LEVEL
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	To learn the adjectives and the classroom environment in France	K2
CO3	Learn the Plural, Articles and the Hobbies	K3
CO4	To learn the Cultural Activity in France	K3
CO5	To learn the Sentiments, life style of the French people and the usage of the conditional tense	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S - STRONG, M - MEDIUM, L - LOW

17UFL21F	FRENCH-II	SEMESTER- II
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TOTAL CREDIT: 3**5 HOURS /WEEK**

Compétence Culturelle	Compétence De communication	Compétence grammaticale
UNITÉ 1 - Super!		
<ul style="list-style-type: none"> • L'égalité homme/femme 	<ul style="list-style-type: none"> • INTERACTION: Exprimer des sentiments, exprimer la joie, le plaisir, le bonheur • RÉCEPTION ORALE: Comprendre un jeu radiophonique • RÉCEPTION ÉCRITE: Comprendre des annonces • PRODUCTION ÉCRITE: Écrire des cartes postales 	<ul style="list-style-type: none"> • Les noms de professions masculine/feminine • Le verbe finir et les Verbes du groupe en-ir • Le present de l'impératif • Savoir(present) • Le participe passé: Fini, aimé, arrive, dit,écrit • Quel(s), quelle(s)..: Interrogatif et Exclamatif • À + infinitive • Les articles: n,une,des
UNITÉ 2 - Quoi?		
<ul style="list-style-type: none"> • Le 20 siècle: Petits progrès Grand progrès 	<ul style="list-style-type: none"> • INTERACTION: Decrire quelque chose, une personne • RECEPTION ORALE: Comprendre un message publicitaire • RÉCEPTION ÉCRITE: Comprendre un dépliant touristique • PRODUCTION ÉCRITE: Écrire des petites annonces 	<ul style="list-style-type: none"> • On • Plus, moins • Le verbe aller: • Present, impératif • Aller + infinitive • Le pluriel en -x
UNITÉ 3 - Et après		
<ul style="list-style-type: none"> • Nouvelles du jour 	<ul style="list-style-type: none"> • INTERACTION: Raconteur,situer un récit dans le temps 	<ul style="list-style-type: none"> • L'imparfait:: quel-Ques forms pour introduire le récit:Il faisait, il y

	<ul style="list-style-type: none"> • RÉCEPTION ORALE: Comprendre une description • RÉCEPTION ÉCRITE: Comprendre un test • PRODUCTION ÉCRITE: écrire des cartes postales 	<p>avait, il Était</p> <ul style="list-style-type: none"> • Un peu, beaucoup, trop, Assez • Très • Le verbe venir: Présent, impératif • En Suisse, au Maroc, aux Etats-Unis
UNITÉ 4- Mais oui!		
<ul style="list-style-type: none"> • La génération des 20-30 ans 	<ul style="list-style-type: none"> • INTERACTION: Donner son opinion, Expliquer pourquoi • RÉCEPTION ORALE: Comprendre des informations à la radio • RÉCEPTION ÉCRITE: Comprendre un texte informatif • PRODUCTION ÉCRITE: écrire un mél de protestation 	<ul style="list-style-type: none"> • Répondre, prendre: Présent, impératif, part Passé • Parce que pourquoi • Tout/ tous, toute/s Tous/toutes les... (répétition action)
UNITÉ 5- Mais non!		
<ul style="list-style-type: none"> • De la ville à la campagne 	<ul style="list-style-type: none"> • INTERACTION: Débat:: exprimer l'accord, exprimer le Désaccord • RECEPTION ORALE: Comprendre un message sur un répondeur téléphonique • RÉCEPTION ÉCRITE: Comprendre un témoignage • PRODUCTION ECRITE: Rediger des petites Announces immobilières 	<ul style="list-style-type: none"> • Le verbe devoir: Present et participe passé • Le verbe vivre, present • Aller + infinitive • Venir+ infinitive • Etre pour/contre

TEXT BOOK:

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

17UEG22F	ENGLISH - II	SEMESTER - II
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PREAMBLE:

To expose students to language competency through literary works and to obtain development in various genres of English Literature and the skills of the language

COURSE OUTCOMES:

On successful completion of the course, students will be

CO NUMBER	CO Statement	Knowledge Level
CO1	Develop the knowledge of prose through the works of Martin Luther King, M. K. Gandhi and Jesse Owens	K3
CO2	Interpret Poetry through the poems of Tagore, George Herbert and John Milton	K2
CO3	Identify the techniques of Short Story writing through the works of R. K. Narayan, Guy De Manupassant and Bonnie Chamberlain.	K3
CO4	Interpret the techniques of One Act Play through the play by Ramu Ramanathan	K2
CO5	Explain the fundamentals of basic Grammar through Functional English	K2

MAPPING WITH PROGRAMME OUTCOME

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	S	S
CO2	S	M	S	S	S
CO3	S	M	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	M

S - STRONG, M - MEDIUM, L - LOW

17UEG22F	ENGLISH - II	SEMESTER - II
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TOTAL CREDITS: 3
5 HOURS / WEEK

CONTENTS

UNIT I - PROSE

Words of Wisdom – Chetan Bhagat

Acceptance Speech – Noble Peace Prize – Mother Teresa

My Early Days – Dr. A.P.J. Abdul Kalam

UNIT II - POETRY

In the Bazaars of Hyderabad – Sarojini Naidu

Telephonic Conversation – Wole Soyinka

Mending Wall – Robert Frost

UNIT III - SHORT STORY

The Old Man at the Bridge – Ernest Hemingway

The Model Millionaire – Oscar Wilde

White Washing the Fence – Mark Twain

UNIT IV - ONE ACT PLAY

Soul Gone Home – Langston Hughes

UNIT V - FUNCTIONAL GRAMMAR AND COMPOSITION

Relative Pronoun

Degrees of Comparison

Reported Speech

Correction of Sentences

Business Correspondence

Memo, Reports, Proposals, Resume & CV Writing

TEXT BOOK:

1. Board of Editors. 2016. *Stream – A Course book to enhance Language and Life Skills*. Chennai: New Century Book House.

REFERENCE BOOK:

1. Wren and Martin, *High School English Grammar and Composition* S. Chand Publishing 2006, New Delhi.

17UCF23A	CORE - II: SEWING TECHNOLOGY	SEMESTER- II
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PREAMBLE:

1. To understand the importance of sewing machines and functions.
2. To know the production unit process.

COURSE OUTCOME:

On successful completion of the course, students will be able to get adequate knowledge and technical in the construction of garment.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Construct about stitch and seam classification, Know the essential qualities	K2
CO2	Examine about lower and upper threading of sewing machines, stitching mechanisms of sewing machine, loops and loop spreader, Types of feeding and mechanisms	K3
CO3	Spreading technology of garment industry, marker plan, requirements of marker planning. Utilize the marker efficiency in fabric cutting, Importance of grain line	K4
CO4	Explain the definition and function of fabric cutting.	K2
CO5	Various types of pressing in textiles industry and types of sewing threads	K3 , K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	S

S- STRONG, M- MEDIUM, L- LOW

17UCF23A	CORE II: SEWING TECHNOLOGY	SEMESTER- II
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TOTAL CREDITS: 4**4 HOURS /WEEK****CONTENTS****UNIT-I**

Sewing machineries- classification of sewing machines, Single needle machine, double needle machine, over lock machine, flat lock machine, bar tacking machine, button hole making machine, button fixing machine, blind stitching machine. Feeding mechanisms- drop feed, differential feed, needle feed, compound feed, unison feed, puller feed.

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, needle threader. Special attachments – pressure foot and its types, adjustments of sewing machines- tension, stitch length, pressure and pressure foot, needle changing.

UNIT-III

Spreading- types, qualities, equipments, tools and its methods. Marking - methods - manual and computerized, types of markers, efficiency of a marker plan, requirements of marker planning.

UNIT-IV

Cutting technology- definition, function. Cutting tools- scissors, dress making shears, pinking shears, buttonhole scissors, electric scissors. Cutting machines - straight knife cutting machine, rotary cutting machine, band knife cutting machine, die cutters and notches. Preparation of fabric for

cutting- importance of grain in cutting and construction, steps in preparing the fabric for cutting.

UNIT-V

Stitches, definition, standards of stitches, stitch classification, Application of various stitches in apparels, defects and remedies of stitches used in apparel industry. Sewing threads- types, essential qualities of a sewing thread. Needle, types and sizes of needle and its usage. Pressing equipments- purpose, pressing equipments and methods- iron, steampress, steam air finisher, steam tunnel, special types- pleating, permanent press.

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.

17UCF23P	CORE PRACTICAL - III: PATTERN MAKING AND GRADING	SEMESTER - II
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TOTAL CREDITS: 3

6 HOURS / WEEK

PREAMBLE:

1. Knowledge about drafting,
2. Pattern making and its techniques.

CONTENTS

1. Drafting the Pattern

Drafting a Basic Bodice Front,
Drafting a Basic Bodice Back,
Drafting a Sleeve,
Drafting a Skirt,
Drafting a Collars

2. Preparation of pattern for the following

Pattern a Bodice Front,
Pattern a Bodice Back,
Pattern a Sleeve,
Pattern a Collars,
Pattern a Skirts.

3. Grading:

Grade a Bodice Front,
Grade a Bodice Back,
Grade a Sleeve,

4. Layouts.

Folds – Bold design,

Checks and Stripes,

Asymmetric designs,

One way design,

Dove tailing.

5. Darts manipulation methods:

Styles created by shifting of blouse darts,

Adding fullness to the bodice,

Converting darts to seam and partial yokes

Incorporating darts into seams forming yokes.

6. Pattern alterations:

General principles for pattern alteration,

Common pattern alteration in a blouse

REFERENCE BOOKS:

1. *Zarapker K. R*, 2014. **Zarapker System of Cutting.** Navneet Publications India Ltd.

18UCF23Q	CORE PRACTICAL - IV: SURFACE EMBELLISHMENT	SEMESTER II
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TOTAL CREDITS: 2

4 HOURS / WEEK

CONTENTS

PREPARESAMPLES FORTHEFOLLOWING

1. Basic stitches- flat stitches- running stitch, back stitch, stem stitch, satin stitch, couching stitch, cross stitch, and herringbone stitch.
2. Loop stitches- chain stitch, magic chain stitch, lazy-daisy stitch, buttonhole stitch, blanket stitch, fishbone stitch, feather stitch, fly stitch.
3. Knotted stitches- French knot stitch, double knot stitch, bullion knot stitch.
4. Applique work
5. Mirror work.
6. Smocking.
7. Combining various textures for Embroideries.
8. Traditional embroidery
 - a. Embroidery of Kashmir,
 - b. Phulkari of Punjab,
 - c. Gujarat- Kutch embroidery,
 - d. Embroidery of Rajasthan,
 - e. Kasuti of Karnataka,
 - f. Chickenkari of Lucknow,
 - g. 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.

17UCF2AA	ALLIED THEORY - II : PATTERN MAKING AND GRADING	SEMESTER- II
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PREAMBLE:

1. To understand the importance of body measurements.
2. To know the types of pattern making.
3. To explain the fitting and grading.

COURSE OUTCOME:

On the successful completion of the course, a student will be able to get adequate knowledge and technical in the construction of garment.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Explain the importance of body measurements and understand the length and girth measures in ladies/gentlemen and the preparation of fabric for cutting.	K2
CO2	Show the definition, types and methods of pattern making and illustrate the basic bodice and sleeve pattern.	K2
CO3	Develop the styles created by shifting of blouse darts and explain the standards of a good fit and the solving fitting problems in a blouse.	K2 , K3
CO4	Outline the pattern alteration and its importance and develop the definition and types of pattern grading to the graded	K2 , K3

	patterns of basic bodice and sleeve.	
CO5	Explain the definitions and purpose of pattern layout and its types and examine the layouts for asymmetric, fabric with bold design and one way designs.	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	S

S- STRONG, M- MEDIUM, L- LOW

17UCF2AA	ALLIED THEORY - II : PATTERN MAKING AND GRADING	SEMESTER- II
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TOTAL CREDITS: 4

4 HOURS / WEEK

CONTENTS

UNIT-I

Patternmaking- Definition, pattern production terms, measuring techniques- Introduction, measurement chart and tools required for measuring process. Body measurement- importance, preparing for measuring, children, women and men's measurements. Standardizing body measurements- importance and techniques, different standards of measurements.

UNIT-II

Patternmaking- method of patternmaking (drafting and draping), merits and demerits. Types of paper patterns (patterns for bespoke and commercial patterns). Principles of pattern drafting- pattern details, steps in drafting basic bodice blocks (front and back) and sleeve blocks, collar blocks, cuff blocks and skirt blocks. An introduction to computerized pattern making.

UNIT-III

Grading- definition, principles of grading- master and basic grades- back, front, sleeve, collar, cuff and facing. Styles of grading- grading of skirt, trousers, jacket and waist coat. Selecting a grading system- multi truck grading and a simplified system. An introduction to computerized grading.

UNIT-IV

Fitting- standards of a good fit, steps in preparing a garment for fitting, checking the fit of a garment, solving fitting problems in a garment, fitting techniques, different types of fit- classic fit, slim fit, super slim fit.

UNIT-V

Pattern alteration - importance of altering patterns, general principles for pattern alteration, common pattern alteration in various garments. Styles created by shifting of darts, adding fullness to the bodice, converting darts to seam and partial yokes and incorporating darts into seams forming yokes.

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).

17UFC2FA	PART-IV:VALUE EDUCATION- HUMAN RIGHTS	SEMESTER - II
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TOTAL CREDITS: 2
2 HOURS /WEEK

CONTENTS

UNIT- I

Concept of Human Values, Value Education Towards Personal Development

Aim of education and value education; Evolution of value oriented education; Concept of Human values; types of values; Components of value education. **Personal Development:** Self analysis and introspection; sensitization towards gender equality, physically challenged, intellectually challenged. Respect to - age, experience, maturity, family members, neighbours, co-workers.

Character Formation towards Positive Personality: Truthfulness, Constructivity, Sacrifice, Sincerity, Self Control, Altruism, Tolerance, Scientific Vision.

UNIT - II

Value Education Towards National and Global Development National and International Values: Constitutional or national values - Democracy, socialism, secularism, equality, justice, liberty, freedom and fraternity. Social Values - Pity and probity, self control, universal brotherhood. Professional Values - Knowledge thirst, sincerity in profession, regularity, punctuality and faith. Religious Values - Tolerance, wisdom, character. Aesthetic values - Love and appreciation of literature and fine arts and respect for the same. National Integration and international understanding.

UNIT - III

Impact of Global Development on Ethics and Values: Conflict of cross-cultural influences, mass media, cross-border education, materialistic values, professional challenges and compromise.

Modern Challenges of Adolescent Emotions and behave or; Sex and spirituality: Comparison and competition; positive and negative thoughts. Adolescent Emotions, arrogance, anger, sexual instability, selfishness, defiance.

UNIT - IV

Therapeutic Measures

Control of the mind through

- a. Simplified physical exercise
- b. Meditation – Objectives, types, effect on body, mind and soul
- c. Yoga – Objectives, Types, Asanas
- d. Activities:
 - (i) Moralisation of Desires
 - (ii) Neutralisation of Anger
 - (iii) Eradication of Worries
 - (iv) Benefits of Blessings

UNIT- V

Human Rights

1. Concept of Human Rights – Indian and International Perspectives
 - a. Evolution of Human Rights
 - b. Definitions under Indian and International documents

2. Broad classification of Human Rights and Relevant Constitutional Provisions.
 - a. Right to Life, Liberty and Dignity
 - b. Right to Equality
 - c. Right against Exploitation
 - d. Cultural and Educational Rights
 - e. Economic Rights
 - f. Political Rights
 - g. Social Rights
3. Human Rights of Women and Children
 - a. Social Practice and Constitutional Safeguards
 - (i) Female Foeticide and Infanticide
 - (ii) Physical assault and harassment
 - (iii) Domestic violence
 - (iv) Conditions of Working Women
4. Institutions for Implementation
 - a. Human Rights Commission
 - b. Judiciary
5. Violations and Redressal
 - a. Violation by State
 - b. Violation by Individuals
 - c. Nuclear Weapons and terrorism
 - d. Safeguards.

REFERENCE BOOKS:

1. *Dey A.K*, 2002, **Environmental Chemistry**. New Delhi-Vile Dasaus Ltd.
2. *Gawande. E.N.* **Value Oriented Education**. Vision for better living. New Delhi, Saruptsons.
3. *Brain Trust Aliyar*, 2008, **Value Education for health, happiness and harmony**. Vethathiri publications, Erode.
4. *Ignacimuthu S.J.S*, 1999, **Values for life**. Bombay Better Yourself.
5. *Seetharam.R. (Ed)*, 1998 , **Becoming a better Teacher** Madras Academic Staff College.
6. *Grose.D.N*, 2005, **A text book of Value Education**. Dominant Publishers and Distributors, New Delhi.
7. *Shrimali K.L*, 1974, **A Search for Values in Education**. Vikas Publishers, Delhi.
8. *Yogesh Kumar Singh & Ruchika Nath* , 2005, **Value Education**. P.H Publishing Corporation, New Delhi.
9. *Venkataram & Sandhiya. N*, 2001, **Research in Value Education**. APH Publishing Corporation, New Delhi.
10. *Ruhela S.P.* **Human Value and Education**. Sterling publishers, New Delhi.
11. *Brain Trust Aliyar*, 2004, **Value Education for Health, Happiness and Harmony**. Vethathiri publications , Erode.
12. *Swami Vivekananda*, 2008, **Personality Development**. Advaita Ashrama, Kolkata.
13. *Swami Jagadatmananda*, **Learn to Live**. Sri Ramakrishna Math, Chennai.

17UCF33A	CORE - III: TEXTILE SCIENCE	SEMESTER - III
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PREAMBLE:

1. To analyse the different types of fibres, yarn and nonwovens.
2. To know about manufacturing process of various fibres, yarn and nonwovens.

COURSE OUTCOME:

On the successful completion of the course, a student will be able to get adequate knowledge and technical skill in the textile science.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Classify the fibres, yarns and its characteristics	K2
CO2	Explain the manufacturing process, properties and uses of natural fibres	K2
CO3	Explain the manufacturing process, properties and uses of man-made fibres	K2
CO4	Summarize the various process of spinning	K2
CO5	Outline the manufacturing of non-woven, types and application	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	M	S	S
CO2	M	S	M	S	S
CO3	M	S	M	S	S
CO4	M	S	M	S	S
CO5	M	S	S	S	S

S- STRONG, M- MEDIUM, L- LOW

17UCF33A	CORE - III: TEXTILE SCIENCE	SEMESTER III
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TOTAL CREDITS: 4

4 HOURS / WEEK

CONTENTS

UNIT-I

Introduction to the field of textiles- classification of fibres- natural and man-made- primary and secondary characteristics of textile fibres. Yarn classification- definition, classification- simple and fancy yarns, yarn count and types of yarn package.

UNIT-II

Manufacturing process, properties and uses of natural fibres- cotton, linen, jute, pineapple, hemp, bamboo, silk, wool and hair fibers.

UNIT-III

Manufacturing process, properties and uses of Man-made fibres - viscose rayon, acetate rayon, nylon, polyester, and acrylic.

UNIT-IV

Spinning- definition, classification- chemical and mechanical spinning- ginning, blending, opening, cleaning, carding, drawing, combing, roving, spinning. Chemical spinning- melt, dry, wet.

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. Application 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- 6th Edition**. Fairchild Publications.

18UCF33B	CORE - IV:FASHION DESIGNING	SEMESTER - III
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PREAMBLE:

1. To understand the fashion design concepts
2. To know criteria for designing garments

COURSE OUTCOME:

On the successful completion of the course, a student will be able to get adequate knowledge and technical in the construction of garment.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Apply the design and its types and analyze the knowledge of elements of design, principles of design and various types of fashion accessories.	K3 , K4
CO2	Organize various color theories and dimensions and apply the principles of color in garment design and standardized color harmonies	K3
CO3	Summarize the Factors influencing fashion change	K3
CO4	Role of fashion designers and types of designers in Fashion industry	K4
CO5	Fashion cycle and adoption of fashion theory	K5 , K6

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	S

S- STRONG, M- MEDIUM, L- LOW

18UCF33B	CORE - IV:FASHION DESIGNING	SEMESTER - III
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TOTAL CREDITS: 3

4 HOURS / WEEK

CONTENTS

UNIT-I

Design- Definition and Types of design- structural and decorative design. Requirements of a good structural and decorative design. Introduction to design elements, Elements of design – Dot, Line, Form and Basic shapes, Colour, Texture. Application of elements of design in a dress.

UNIT-II

Principles of design- Balance Types of balance (a) Formal balance (b) Informal balance, Rhythm (a) Rhythm through repetition, (b) Rhythm through progression, (c) Rhythm through transition, (d) Rhythm through radiation, (e) Rhythm by continuous line movement, Emphasis , Harmony and Proportion. Application of principles of design in a dress.

UNIT-III

Colour-Introduction and definition .Munsell colour system - Properties of Colour / Colour Dimensions prang colour - Colour Wheels, Colour Schemes, Colour Expression, Warm and Cool Colours, Visual effects of colour in dress. Colour in principles of design-application of the same in dress design. Colour psychology.

UNIT- IV

Introduction Basic principles of fashion designing, Fashion Adoption Theories, Factors to be considered in selecting dress designs for women and children, Structural line, choosing a right fabric and Selecting style lines for different types of figures. Principles of Fashion Design - Aesthetic Value , Principles of Aesthetic. How to Achieve Good & Creative Design

UNIT- V

Factors influencing fashion change- Psychological factors- social factors, seasonal factors, economical factors, legal factors, technological factors, political factors, role of costume as a status symbol, personality and dress, cloth as sex appeal, cultural value. Fashion cycle- Fashion evaluation- length of cycle, consumer groups in fashion cycle. Fashion forecasting- Aim of fashion forecasting. Fashion designers - types and role of fashion designers.

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**. 1st 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

18UCF33P	CORE PRACTICAL - V:TEXTILE SCIENCE	SEMESTER III
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TOTAL CREDITS: 2

4 HOURS / WEEK

PREAMBLE:

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 and crock meter test.

9. Tearing strength test
10. Bursting strength test.
11. Abrasion test
12. Stiffness 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 6th-Edition**. Fairchild Publications.

18UCF33Q	CORE PRACTICAL - VI: ADVANCED FASHION DESIGNING	SEMESTER- III
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TOTAL CREDITS: 2

4 HOURS / WEEK

PREAMBLE:

1. To understand the fashion design concepts
2. To know criteria for designing garments

CONTENTS

Illustrate and practice colour theories and garment designs

1. Prepare the following charts
 - a) Prang colour chart
 - b) Value chart
 - c) Intensity chart
2. Basic concept and types of silhouette.
3. Drawing the stylized figures using 10 heads or 12 heads.
 - a) Men
 - b) Women
 - c) Children
4. Creating various styles of illustrations for men, women and children
 - a) casual wear
 - b) party wear
 - c) Sportswear.
 - d) Bridal wear
5. Illustrate garment designs for the elements of design
 - a) Line
 - b) Shape or form

- c) Color
 - d) Size
 - e) Texture
6. 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
7. Color harmonies
- a) Monochromatic
 - b) Analogous
 - c) Complementary
 - d) Double complementary
 - e) Split complementary
 - f) Triad
 - g) Tetrad
 - h) Neutral.
8. 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. *BinaAbling*, 1987. **Fashion Sketch Book**. Fair Child Publications, New York Wardrobe.
2. *Sumathi .G. J*, 2002. **Elements Of Fashion Apparel Design- 1st 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.

18UBM3AA	ALLIED THEORY- III ENTREPRENEURIAL DEVELOPMENT	SEMESTER- III
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PREAMBLE:

1. To understand the character, function, types and factors affecting entrepreneurship
2. To identify the institutional support, projects and source of finance for entrepreneurs.

COURSE OUTCOME:

In the successful completion of the course, a student will be able to get adequate knowledge in business management.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	To know the Meaning, Characteristics, Functions and Types of entrepreneur	K2
CO2	To understand the Factors affecting Entrepreneurial growth	K2
CO3	To identify the institutional support to entrepreneurs	K2
CO4	To interpret the Characteristics, Classification, Identification and Selection of a project.	K3
CO5	To analyze the Source of finance for a project	K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	M	M	S	S
CO2	M	M	M	S	S
CO3	M	M	M	S	S
CO4	M	M	M	S	S
CO5	M	M	M	S	S

S- STRONG, M- MEDIUM, L- LOW

18UBM3AA	ALLIED THEORY- IIIENTREPRENEURIAL DEVELOPMENT	SEMESTER- III
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TOTAL CREDITS: 4

4 HOURS / WEEK

CONTENTS

UNIT-I

Meaning of Entrepreneurship - Characteristics - Functions-Types of entrepreneur-Entrepreneur Vs Manager - Role of entrepreneurship in economic development-Women Entrepreneurs-Problems.

UNIT-II

Factors affecting Entrepreneurial growth- Entrepreneurship Development Programmes - Need - Objectives - Course contents and Curriculum- Phases - Problems - Steps for starting a small industry.

UNIT-III

Institutional support to entrepreneurs-DIC- NSIC- SIDO- SISI- SIDCO- KVIC-TCO- NPC- Industrial Estates

UNIT-IV

Project- Characteristics of a project- Classification- Identification - Selection - Project life cycle phases- project formulation - Contents of a project report -Specimen of a project report - Project Appraisal methods.

UNIT-V

Source of finance for a project - Institutional finance to entrepreneurs- IFCI- ICICI- IDBI- SIDBI- SIPCOT- TIIC- SFC- EXIM Bank.

TEXT BOOKS:

1. *Khanka.S.S*, 2007. **Entrepreneurial Development**. S.Chand& Company Ltd. New Delhi.
2. *Gupta.C.B and Srinivasan.N.P*, 2015. **Entrepreneurial Development**. Sultan Chand and Sons, New Delhi.

REFERENCE BOOKS:

1. *Choudhury.S*, 2017. **Project Management**. Tata McGraw Hill Publishing Co. Ltd., Chennai.
2. *Napolean Hill*, 2014. **Think and grow rich**. Paperback, Mumbai.

18UCF3SP	SKILL BASED PRACTICAL - I: CHILDREN'S APPAREL	SEMESTER - III
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TOTAL CREDITS: 3

6 HOURS / WEEK

PREAMBLE:

1. To design, draft and construct children's wear.

CONTENTS

1. Bib-variation in outline shape and panty-plain or plastic lined panty.
2. Jabla – without sleeve, front open (or) magyar sleeve, back open.
3. Knicker-elastic at waist, side pockets.
4. A-Line petticoat-double pointed dart, neck line and arm hole finished with facing (or) petticoat with gathered at waist.
5. Summer frock-with suspenders at shoulder line, without sleeve/collars (or) angel top with raglan sleeve, fullness at neck line.
6. Yoke frock-yoke at chest line, with open, puff sleeve, gathered skirt or frock- with collar, without sleeve, gathered/ circular skirt at waistline (or) princess line frock.

INSTRUCTION:

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- 4th 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.

17UNM34H	NMEC- I BASICS OF FASHION	SEMESTER - III
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PREAMBLE:

1. To acquire knowledge about different elements and principles of design
2. To learn about colour theories, designing garments for different types of figures and wardrobe planning

COURSE OUTCOME:

On the successful completion of the course, a student will be able to get adequate knowledge in basics of fashion.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Explain design and its types; name the requirements of a good design.	K2
CO2	Outline the elements of design and principles of design.	K3
CO3	Investigate prang colour system and design standard colour harmonies in dress form.	K3
CO4	Synthesize the designing dresses for unusual figures .	K3
CO5	To understand the wardrobe planning for different age groups.	K3

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	M	S	M	S
CO2	S	M	S	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S- STRONG, M- MEDIUM, L- LOW

17UNM34H	NMEC- I BASICS OF FASHION	SEMESTER III
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TOTAL CREDITS: 2

2 HOURS / WEEK

CONTENTS

UNIT-I

Design-definition and types- structural and decorative design, requirements of a good structural and decorative design.

UNIT-II

Elements of design- line, shape or form, colour, size and texture. Principles of design- balance, rhythm, emphasis, harmony and proportion.

UNIT-III

Colour-definition, colour theories-prang colour chart, dimensions of colour- hue, value and intensity. Standard colour harmonies.

UNIT- IV

Designing dresses for unusual figures- becoming and unbecoming for the following figure types- stout figure, thin figure, tall figure and short figure.

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, marriage functions, sports.

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**. 1st 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

17UFC3FA	பகுதி : 4 –அடிப்படைத்தமிழ்தாள் 1 : (Basic Tamil)	SEMESTER- III
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இளங்கலைஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது 2018 – 2017
10)மற்றும் – 12 ஆம் வகுப்பு வரை தமிழ் மொழிப்பாடம் பயிலாதவர்களுக்கு
(பருவத் தேர்வு உண்டு)

அலகு தமிழ் மொழியின் .1 :அடிப்படைக் கூறுகள் .

அ) எழுத்துகள் :

- உயிர் எழுத்துக்கள் - குறில் , நெடில் எழுத்துகள்
- மெய் எழுத்துக்கள் - வல்லினம், மெல்லினம், இடையினம்
- உயிர்மெய் எழுத்துக்கள்

ஆ) சொற்களின் வகைகள் :பெயர்ச்சொல், வினைச்சொல் – விளக்கம்
(எ.கா.)

அலகு குறிப்பு எழுதுதல் .2 :

- பெயர், முகவரி, பாடப்பிரிவு , கல்லூரியின் முகவரி
- தமிழ் மாதங்கள்(12), வாரநாட்கள்(7),
எண்கள் (ஒன்று முதல் பத்து வரை), வடிவங்கள்,
வண்ணங்கள்
- ஊர்வன, பறப்பன, விலங்குகள், மனிதர்களின்
உறவுப்பெயர்கள்
- இந்திய மாநிலங்கள், நதிகள், தேசத் தலைவர்கள் பற்றிய
குறிப்புகள்

வினாத்தாள் அமைப்பு முறை மொத்த மதிப்பெண்கள்-50			
பகுதி – அ	சரியான விடையைத் தேர்வு செய்தல்	10x2=20	அனைத்து அலகுகளில் இருந்தும் வினாக்கள் அமைதல் வேண்டும்
பகுதி – ஆ	அரைப்பக்க அளவில் விடையளிக்க	5x3=15	
பகுதி- இ	இரண்டு பக்க அளவில் விடையளிக்க	1x15=15	

17UFC3FB	பகுதி -2சிறப்புத் தமிழ் : தாள் :1 (Advanced Tamil)	SEMESTER- III
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இளங்கலைஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது 2018 – 2017
(10 மற்றும் – 12 ஆம் வகுப்புகளில் தமிழ் மொழிப்பாடம் பயின்றவர்களுக்கு
உரியது)
(பருவத் தேர்வு உண்டு)

அலகு :1 –மரபுக் கவிதைகள்

அபாரதியார் கவிதைகள்(

- தமிழ்நாடு
- மனதில் உறுதி வேண்டும்
- வருகின்ற பாரதம் (பா.எண்.5-8)

ஆ)பாரதிதாசன் கவிதைகள்

- இன்பத்தமிழ்
- நீங்களே சொல்லுங்கள்
- உலக ஒற்றுமை
- வாளினை எட்டா!

அலகு – 2 : புதுக்கவிதைகள்

- கம்பன் கவியரங்கக் கவிதை - மு.மேத்தா
- தமிழா! நீ பேசுவது தமிழா! - காசியானந்தன்
- நட்புக் காலம் (10 கவிதைகள்) - அறிவுமதி கவிதைகள்

அலகு : 3 –இலக்கணம்

- வல்லினம் மிகும் மற்றும் மிகா இடங்கள்
- ர, ற,- ல, ழ, ள - ந, ண, ன - வேறுபாடு அறிதல்

அலகு :4 –கடிதங்கள் எழுதுதல்

- பாராட்டுக் கடிதம்
- நன்றிக் கடிதம்
- அழைப்புக் கடிதம்
- அலுவலக விண்ணப்பங்கள்

அலகு :5 –பாடம் தழுவிய வரலாறு

- பாரதியாரின் இலக்கியப் பணி
- பாரதிதாசனின் இலக்கியப்பணி
- மரபுக்கவிதை, புதுக்கவிதை - விளக்கம்

வினாத்தாள் அமைப்பு முறை மொத்த மதிப்பெண்கள்-50			
பகுதி – அ	சரியான விடையைத் தேர்வு செய்தல்	10x1=10	ஒவ்வொரு அலகிலும் இரண்டு வினாக்கள்
பகுதி – ஆ	அரைப்பக்க அளவில் விடையளிக்க	5x3=15	ஒவ்வொரு அலகிலும் ஒரு வினா
பகுதி – இ	இரண்டு பக்க அளவில் விடையளிக்க	5x5=25	ஒவ்வொரு அலகிலும் ஒரு வினா
குறிப்பு: பகுதி ஆ மற்றும் இ-க்கான வினாக்கள் இது அல்லது அது என்ற அடிப்படையில் அந்தந்த அலகுகளில் அமைதல் வேண்டும்			

17UFC3FC	PART-IV: YOGA FOR HUMAN EXCELLENCE	SEMESTER - III
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TOTAL CREDITS: 2

2 HOURS / WEEK

CONTENTS

UNIT - I

Yoga and Physical Health

- 1.1 Physical Structure-Three bodies-Five limitations
- 1.2 Simplified physical Exercise - Hand Exercises - Leg Exercises - Breathing Exercises - Eye Exercises -Kapalapathi
- 1.3 Maharasanas 1-2 Massages - puncture-Relaxation
- 1.4 Yogasanas - Padmasana- Vajrasanas-Chakrasanas (side) - Viruchasanas -Yoga muthra - Patchimothasanas - Ustrasanas - Vakkarasanas - Salabasanas

UNIT - II

Art of Nurturing the life force and Mind

- 2.1 Maintaining the youthfulness -Postponing the ageing process
- 2.2 Sex and Spirituality - Significance of sexual vital fluid - Married life Chastity
- 2.3 Ten stages of Mind
- 2.4 Mental frequency - Methods for concentration

UNIT - III

Sublimation

- 3.1 Purpose and Philosophy of life
- 3.2 Introspection - Analysis of Thought
- 3.3 Moralization of Desires
- 3.4 Neutralization of Anger

UNIT IV

Human Resources Development

4.1 Eradication of worries

4.2 Benefits of Blessings

4.3 Greatness of Friendship

4.4 Individual Peace and World Peace

UNIT V

Law of Nature

5.1 Unified force – Cause and Effect system

5.2 Purity of Thought and Deed and Genetic Centre

5.3 Love and Compassion

5.4 Cultural Education – Fivefold Culture

17UFC3FE	PART-IV: CONSTITUTION OF INDIA	SEMESTER - III
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TOTAL CREDITS: 2

2 HOURS / WEEK

CONTENTS

UNIT I

Making of Constitution - Constituent Assembly- Dr.RajendraPrasath-
Dr.B.R.Ambedkar - Salient features - Fundamental Rights.

UNIT II

UnionExecutive-PresidentofIndia -Vice-President-PrimeMinister
-Cabinet- Functions

UNIT III

UnionLegislature-Rajiya Sabha -Lok Sabha -Functions and Powers

UNIT IV

UnionJudiciary-Supreme Court- Functions-Rule oflaw

UNIT V

State - Executive - Legislature – Judiciary – Role of Tamilnadu
Public Service Commission.

REFERENCE BOOKS:

1. *Agharwal.R.C.1977,National Moment and Constitutional Development.* NewDelhi.
2. *ChapraB.R., 1970,Constitution ofIndia.* New Delhi.
3. *Rao B.V, 1975. ModernIndianConstitution.*Hyderabad.
4. *Nani Palkhivala ,1970, Constitution ofIndia,*New Delhi.
5. *KrishnaIyer, V.R., 2009, Lawand Justice.* New Delhi.
6. ReferenceManual from theGovt. ofTamilnadu

17UFC3FD	PART-IV: WOMEN'S RIGHTS	SEMESTER - III
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TOTAL CREDITS: 2

2 HOURS / WEEK

CONTENTS

UNIT- I

Laws, Legal Systems and Change: Definition - Constitutional law, CEDAW and International Human Rights - Laws and Norms - Laws and Social Context - Constitutional and Legal Framework.

UNIT- II

Politics Of Land And Gender In India: Introduction - Faces of Poverty - Land as Productive Resources - Locating Identities - Women's Claims to Land - Right to Property - Case Studies.

UNIT- III

Women's Rights: Access to Justice: Introduction - Criminal Law - Crime Against Women - Domestic Violence - Dowry Related Harassment and Dowry Deaths - Molestation - Sexual Abuse and Rape - Loopholes in Practice - Law Enforcement Agency.

UNIT -V

Special Women Welfare Laws: Sexual Harassment at Work Places - Rape and Indecent Representation - The Indecent Representation (Prohibition) Act, 1986 - Immoral Trafficking - The Immoral Traffic (Prevention) Act, 1956 - Acts Enacted for Women Development and Empowerment - Role of Rape Crisis Centers.

REFERENCES BOOKS:

1. Nitya Rao. 2008. "Good Women do not Inherit Land" Social Science Press and Orient Blackswan.

2. *International Solidarity Network*, 2006, "**Knowing Our Rights**" Anim print of Kali for Women.
3. *Kaushik. P.D.* 2007. "**Women Rights**" Bookwell Publication.
4. *Aruna Goal.* 2004. "**Violence Protective Measures for Women Development and Empowerment.**" Deep and Deep Publications Pvt.
5. *Monica Chawla.* 2006. "**Gender Justice**". Deep and Deep Publications Pvt Ltd.
6. *Preeti Mishra.* 2007. "**Domestic Violence Against Women**". Deep and Deep Publications Pvt.
7. *Clair M. Renzetti, Jeffrey L. Edleson, and Raquel Kennedy Bergen.* 2001. Source Book on "**Violence Against Women**". Sage Publications.

18UCFSS1	SELF STUDY PAPER -I: BODY LANGUAGE AND PERSONAL GROOMING	TOTAL CREDITS: 1
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OBJECTIVES:

1. To understand body languages and gestures.
2. To enhance the body features and to know about various accessories.

CONTENTS

UNIT-I

Introduction to body language - Different types of body language, Aggressive body language, Attentive body language - How to communicate with body language.

UNIT-II

Gestures - Smiling gestures.

Hand and Arm gestures - types, steeping hands, gripping hands, arms & wrists, displaying thumb, thumb-up gesture, folded arms gesture.

Hand -to - face gestures - types -hand covering the mouth , touching the nose, rubbing the eye, ear rub, scratching the neck, Pulling the collar, cheek and chin gestures.

Leg barriers - leg-lock portion, standing leg cross, ankle - lock gesture, foot - lock gestures, body - lowering gestures.

UNIT-III

Body language in business - Space around you, hand -to -face movements.

Introduction to Negotiation skills, planning & how to negotiation.

Importance of Effective body language - Effective body language in

meeting - reading body language & encouraging interaction – four main aspects.

UNIT-IV

How to enhance the features -make-up, hair care, dental care, clean body, lip balm/lip gloss, make use of cologne /perfume, manicure and pedicure, face shape, types of hair style. Personal hygiene – breath, perspiration –body odour.

UNIT-V

Dress Elegantly – Body shapes, different types of neckline ,clothing style . Different types of shoes, ties, glasses, sunglasses, watches and hand bags. Plan your interview attire.

TEXT BOOKS:

- 1 .S. Kant ,**Body language** , 2009 ,Lotus press , New Delhi.
2. Vinay Mohan Sharma ,**Body Language** . The art of reading gestures V&S Publishers , 2014 New Delhi .
3. Bibhu Prasad Minshra ,**Preparing for a Winning Interview** ,2012 V&S Publishers , New Delhi .

18UCFSS2	SELF STUDY PAPER - II: COMPUTERS IN THE GARMENT INDUSTRY	TOTAL CREDITS: 1
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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.

17UCF43A	CORE - V: FABRIC CONSTRUCTION	SEMESTER - IV
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PREAMBLE:

1. Process involved in woven and knit fabrics.
2. Weaving mechanism and Knit structures.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in fabric construction.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Discuss the Elements of woven design, methods of fabric representation.	K2
CO2	Classify the Twill weave and Crepe weaves.	K3
CO3	Explain Ordinary and brighten honey comb, huck a back, mock leno, Extra warp and extra weft figuring and Backed fabrics.	K2
CO4	Explain knitting and compare weaving and knitting, warp and weft knitted fabrics. Classify warp and weft knitting	K2,K3
CO5	Explain Weft knitting and Warp knitting Categorize types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.	K2,K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	M
CO2	S	S	S	M	M
CO3	S	S	S	M	M
CO4	S	S	S	M	M
CO5	S	S	S	M	M

S- STRONG, M- MEDIUM, L- LOW

17UCF43A	CORE - V: FABRIC CONSTRUCTION	SEMESTER - IV
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TOTAL CREDITS: 4

HOURS / WEEK: 4

CONTENTS

UNIT - I

Elements of woven design, methods of fabric representation, draft – types – straight, skip, pointed, grouped draft and lifting plan. Plain, warp rib, weft rib and matt rib.

UNIT - II

Twill weave- classification- continuous, pointed/Zigzag, rearranged twill (satin, sateen and corkscrew weaves), combination, broken and transposed twill. Crepe weaves- types.

UNIT - III

Ordinary and brighten honey comb, huck a back, mock leno. Extra warp and extra weft figuring- single and double colours. Backed fabrics –warp and weft backed fabrics.

UNIT - IV

Introduction to knitting, comparison of weaving and knitting, classification of warp and weft knitting, comparison of warp and weft knitted fabrics. General terms and basic knitting elements of weft and warp knitting. 3 way technique to develop design – knit, tuck, miss.

UNIT - V

Weft knitting - Single jersey, rib, interlocks, purl, Warp knitting - lapping variations – tricot, raschel, single bar, 2 bar, multi bar machines. Types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.

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**. Wood head Publishing Ltd.
3. *David J spencer*, 2001. **Knitting technology**: A comprehensive handbook and practical guide. Wood head publishing.
4. *Manmeet sodhina*, 2004. **Knitting technology**. Kalyani publishers.

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.
3. *Ajnoker. D*, 1998. **Principles of knitting**. Universal Publishing Corporation.
4. *DR.N.Albumen*, 2007. **Knitting fundamentals, machines, structures and developments**. New age international (p) Ltd., publishers.

17UCF43B	CORE - VI: TRADITIONAL TEXTILES AND COSTUMES OF INDIA	SEMESTER - IV
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PREAMBLE:

1. To recall the different types of costumes used during the old ages
2. To know about the different accessories used in historic period

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in traditional textiles and costumes of India

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Relate the Indian textiles and type of costumes, symbols and ancient Indian textiles.	K2
CO2	Name the woven textiles of India and discuss the dyed and printed textiles of India	K2
CO3	Describe the traditional costume of southern and eastern India	K2
CO4	Restate the traditional costume of northern India	K3
CO5	Discuss jewellerys used in the period of Indus valley civilization and temple jewellerys of southern India.	K3

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	M	M	M
CO2	S	S	M	M	M
CO3	S	S	M	M	M
CO4	S	S	M	M	M
CO5	S	S	M	M	M

S- STRONG, M- MEDIUM, L- LOW

17UCF43B	CORE - VI: TRADITIONAL TEXTILES AND COSTUMES OF INDIA	SEMESTER - IV
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TOTAL CREDITS: 4

HOURS / WEEK: 4

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 woven textiles of India- Dacca muslin, Banarasi, Chanderi Brocades, Baluchar, Himrus and Amrus, Kashmir Shawls, Pochampalli, Silk Sarees of Kancheepuram.

Study of dyed and printed textiles of India- Bhandhani, Patola, Ikkat, Kalamkari- in all the above types and techniques used.

UNIT - III

Traditional costume of southern and eastern India - Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orissa, Bihar, Mizoram, Nagaland, West Bengal.

UNIT - IV

Traditional costume of northern 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.

17UCF43P	CORE PRACTICAL - VII: FABRIC CONSTRUCTION	SEMESTER - IV
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TOTAL CREDITS: 2

HOURS / WEEK: 4

PREAMBLE:

1. Designing, drafting and constructing various weaves and knits.

CONTENTS

Identify the samples:

1. Plain weave
2. Warp rib/weft rib
3. Twill weave (Right hand twill/Left hand twill).
4. Satin/Sateen
5. Honeycomb weave
6. Huck aback weave
7. Extra warp/weft figuring.
8. Plain knit
9. Rib
10. Interlock
11. Tricot
12. Raschel – net, dress lace

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.

17UCF43Q	CORE PRACTICAL - VIII: DRAPING	SEMESTER IV
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TOTAL CREDITS: 2

HOURS / WEEK: 4

CONTENTS

1. Basics

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

2. Skirts (Any two)

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

3. Necklines (Any two)

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

4. Yokes (Any two)

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

5. Collars(Any two)

- 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.

17UCY4AE	ALLIED THEORY - IV: TEXTILE CHEMISTRY	SEMESTER - IV
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PREAMBLE:

1. To understand about different chemicals used in textile industry.
2. To know about detergent and soap.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in textile chemistry.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	pH value of water and its types.	K2
CO2	Laundry soaps – Manufacture of soap.	K2
CO3	Finishes – Stiffening Agents and other stiffening agents.	K2
CO4	Laundry Blues and Fluorescent Brightening Agents.	K3
CO5	Stains – identification and its classification.	K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	M	M	S	S
CO2	M	M	M	S	S
CO3	M	M	M	S	S
CO4	M	M	M	S	S
CO5	M	M	M	S	S

S- STRONG, M- MEDIUM, L- LOW

17UCY4AE	ALLIED THEORY - IV: TEXTILE CHEMISTRY	SEMESTER - IV
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TOTAL CREDITS: 2

HOURS / WEEK: 4

OBJECTIVES:

CONTENTS

UNIT-I

Hardness of water: Equivalents of calcium carbonate - Units of hardness- Degree of hardness and pH value of water. Softening of hard water: external conditioning – zeolite – ion exchange methods.

UNIT-II

Laundry soaps – Manufacture of soap (Hot process, cold process), composition of soap, types of soap, soap less detergents, chemical action of detergent, detergent manufacture, advantages of detergents.

UNIT-III

Finishes – Stiffening Agents – Starch (cold water and hot water), other stiffening agents, preparation of starch. Effect of Bleaches, classification of Bleaches, Application.

UNIT-IV

Laundry Blues and Fluorescent Brightening Agents, types, mechanism and application. Dry cleaning – using absorbents, using grease solvents.

UNIT-V

Stains – identification and classification, principles of stain removal. Stain removal – food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration / mildew, tar, turmeric and kum- kum.

TEXT BOOKS:

- 1 **Textiles fabrics and their Selection** – *Wingate I B*, Allied publishers Ltd, Chennai.
2. **Fundamentals of Textiles and their Care-** *Susheela Dantyagi*, Orient Long mann Ltd (1980).
3. *Tate of Glession* **Family Clothing**, John Wiley & Sons I n c, Illinois.
4. *Durga Duelkar*, **Household Textiles and Laundry Work**, Amla Ram & Sons, Delhi

17UCF4SP	SKILL BASED COURSE - II: WOMEN'S APPAREL	SEMESTER - IV
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TOTAL CREDITS: 3

HOURS / WEEK:6

PREAMBLE:

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, waistband at front, with sleeve
4. Salwar or Churidhar or Parallels or Bellbottom
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-waistband, zip attached, tight fitting or parallel pan
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 - 4th 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.

17UNM44H	NMEC-II: BODY LANGUAGE AND PERSONAL GROOMING	SEMESTER - IV
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TOTAL CREDITS: 2

2 HOURS /WEEK

OBJECTIVES:

1. To understand body languages and gestures.
2. To enhance the body features and to know about various accessories.

CONTENTS

UNIT-I

Introduction to body language - Different types of body language, Aggressive body language, Attentive body language - How to communicate with body language.

UNIT-II

Gestures - Smiling gestures.

Hand and Arm gestures - types, steeping hands, gripping hands, arms & wrists, displaying thumb, thumb-up gesture, folded arms gesture.

Hand -to - face gestures - types -hand covering the mouth , touching the nose, rubbing the eye, ear rub, scratching the neck, Pulling the collar, cheek and chin gestures.

Leg barriers - leg-lock portion, standing leg cross, ankle - lock gesture, foot - lock gestures, body - lowering gestures.

UNIT-III

Body language in business - Space around you, hand -to -face movements.

Introduction to Negotiation skills, planning & how to negotiation.

Importance of Effective body language - Effective body language in

meeting - reading body language & encouraging interaction – four main aspects.

UNIT-IV

How to enhance the features -make-up, hair care, dental care, clean body, lip balm/lip gloss, make use of cologne /perfume, manicure and pedicure, face shape, types of hair style. Personal hygiene – breath, perspiration -body odour.

UNIT-V

Dress Elegantly – Body shapes, different types of neckline ,clothing style . Different types of shoes, ties, glasses, sunglasses, watches and hand bags. Plan your interview attire.

TEXT BOOKS:

- 1 .*S. Kant* ,**Body language** , 2009 ,Lotus press , New Delhi.
2. *Vinay Mohan Sharma* ,**Body Language** . The art of reading gestures V&S Publishers , 2014 New Delhi .
3. *Bibhu Prasad Minshra* ,**Preparing for a Winning Interview** ,2012 V&S Publishers , New Delhi .

17UFC4FA	அடிப்படைத் தமிழ்	SEMESTER - IV
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Total Credits: 2
Hours Per Week: 2

(10)மற்றும் – 12 ஆம் வகுப்பு வரை தமிழ் மொழிப்பாடம் பயிலாதவர்களுக்கு
(பருவத் தேர்வு உண்டு)

அலகு 1 :நீதி நூல்கள்

- ஆத்திசூடி முதல் “அறம் செய விரும்பு” – (பாடல்கள் 12 – முதல்) வரை “ஒளவியம் பேசேல்”
- கொன்றை வேந்தன் அன்னையும் -(பாடல்கள் 7 – முதல்) முத “பிதாவும் முன்னறி தெய்வம் எண்ணும் எழுத்தும் கண் எனத் தரும் வரை “
- திருக்குறள் 6) பாடல்கள் (
 - .1அகர முதல (1),
 - .2மனத்துக் கண்(34).....
- 3 (100)..... இனிய உளவாக . ,
- .4தீயவை தீய பயத்தலான் (202)..
- 5 . கற்க கசடற (391).....,
- .6கண்ணோடு கண்ணினை(1100)..

அலகு 2 :அளவிய நீதிக்கதைகளும் வாழ்க்கை முறைகளும் (

- நீதிகாத்த மன்னன்
- சிங்கமும் முயலும்
- புத்திசாலி உழவனும் போக்கிரிப் பூதமும்
- தேனியும் புறாவும்
- முயல் கூறிய தீர்ப்பு

ஆதமிழக (ப்பண்பாடுகள்(சொற்களைத் தொடராக்குதல்) :

- தமிழர் விழாக்கள் பொங்கல்), ஆடிப்பெருக்கு(
- தமிழர் கலைகள் தெருக்கூத்து), ஓவியம், சிற்பம்,)
- தமிழர் விளையாட்டுகள் (ஏறுதழுவுதல், சடுகுடு)

17UFC4FB	அடிப்படைத் தமிழ் -2	SEMESTER - IV
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Total Credits: 2

Hours Per Week: 2

(10 மற்றும் – 12 ஆம் வகுப்புகளில் தமிழ் மொழிப்பாடம் பயின்றவர்களுக்கு
உரியது)

(பருவத் தேர்வு உண்டு)

அலகு :1 –மரபுக் கவிதைகள்

அபாரதியார் கவிதைகள்(

- தமிழ்நாடு
- மனதில் உறுதி வேண்டும்
- வருகின்ற பாரதம் (8-5.எண்.பா)

ஆபாரதிதாசன் கவிதைகள்(

- இன்பத்தமிழ்
- நீங்களே சொல்லுங்கள்
- உலக ஒற்றுமை
- வாளினை எட்டா!

அலகு : 2 –புதுக்கவிதைகள்

- கம்பன் கவியரங்கக் கவிதை மேத்தா.மு -
- தமிழாகாசியானந்தன் - !நீ பேசுவது தமிழா !
- நட்புக் காலம் 10)கவிதைகள் அறிவுமதி கவிதைகள் - (

அலகு : 3 –இலக்கணம்

- வல்லினம் மிகும் மற்றும் மிகா இடங்கள்
- ர, ற, - ல, ழ, ள - ந, ண, ன வேறுபாடு அறிதல் -

அலகு :4 –கடிதங்கள் எழுதுதல்

- பாராட்டுக் கடிதம்
- நன்றிக் கடிதம்
- அழைப்புக் கடிதம்
- அலுவலக விண்ணப்பங்கள்

அலகு :5 –பாடம் தழுவிய வரலாறு

- பாரதியாரின் இலக்கியப் பணி
- பாரதிதாசனின் இலக்கியப்பணி
- மரபுக்கவிதை, புதுக்கவிதை விளக்கம் -

17UFC4FC	PART-IV: GENERAL AWARENESS	SEMESTER - IV
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Total Credits: 2
Hours Per Week: 2

CONTENTS

Verbal Aptitude

Numerical Aptitude

Abstract Reasoning

Tamil And Other Literature

General Science And Technology And Education

Computer Science

Economics And Commerce

History And Freedom Struggle

Sports

Current Affairs

18UCF53A	CORE -VII: TEXTILE FINISHES	SEMESTER - V
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PREAMBLE:

1. To understand the various finishes in textiles.
2. To know about special finishes.
3. To learn the recent finishing trends.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in textile finishing.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Understand the production sequence of textile fabrics. Finishes- classification, importance and its application methods.	K2
CO2	Analyze the methods and applications of Mechanical finishes, Aesthetic finishes, Drape and Texture	K4
CO3	Analyze the methods and applications of functional finishes	K4
CO4	Analyze the methods and applications of Special purpose finishes	K4
CO5	Analyze the Recent trends in finishing and Environmental pollution during chemical processing of textiles.	K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	M	M
CO2	M	S	S	M	M
CO3	M	S	S	M	M
CO4	M	S	S	M	M
CO5	M	S	S	M	M

S- STRONG, M- MEDIUM, L- LOW

18UCF53A	CORE -VII: TEXTILE FINISHES	SEMESTER - V
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TOTAL CREDITS: 5

HOURS /WEEK: 5

CONTENTS

UNIT - I

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

UNIT - II

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- definition, types, significance and uses- micro encapsulation, nano and plasma finish. Environmental pollution during chemical processing of textiles.

TEXT BOOKS:

1. *Needles.H.L*, 2011. **Textile Fibers, dyes, finishes and processes: Aconcise guide**. Elsevier publications.
2. *Bhatia, S.C*, 2017. **Pollution Control in Textile Industry**. IBT Publications.

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

18UCF53B	CORE-VIII: TEXTILE PROCESSING AND DYEING	SEMESTER - V
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PREAMBLE:

1. To understand the various process in textile processing
2. To know about types of dyes and its properties.
3. To learn the concept of dyeing machines

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in textile processing and dyeing.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Understand about pretreatments of fabric.	K2, K3
CO2	Understand the types and methods of bleaching, mercerization , wool carbonizing and silk weighting	K2, K3
CO3	Classify the colourants to evaluate the properties of dyes and to rectify the defects in dyeing	K2
CO4	Categorize the different types of dyeing machines and methods	K3
CO5	Apply the enzymes in textile processing and to understand the pollution and effluent treatment	K5

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	M	M
CO2	M	S	S	M	M
CO3	M	S	S	M	M
CO4	M	S	S	M	M
CO5	M	S	S	M	M

S- STRONG, M- MEDIUM, L- LOW

18UCF53B	CORE-VIII: TEXTILE PROCESSING AND DYEING	SEMESTER - V
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TOTAL CREDITS: 5

HOURS / WEEK: 5

CONTENTS

UNIT - I

Preparatory process of fabric- singeing- types of singeing- Plate singeing, Roller singeing, Gas singeing, desizing - hydrolytic method - rot steep, enzymatic steep, acid steep- Oxidative method- chlorine, chlorite, bromite , scouring- Object, methods and equipment used. Advantages of Preparatory process

UNIT - II

Bleaching- hypochlorites- hydrogen peroxide- sodium chlorite. Equipment and chemicals of bleaching. Advantages and disadvantages of bleaching. Mercerization- theory process - methods - chemicals- effects of mercerization, Advantages of mercerization. Wool carbonizing. Weighting of silk.

UNIT - III

Dyeing- classification of dyes- natural dyes- plant, invertebrates, minerals. Manmade dyes - direct dye, sulphur dyes, vat dyes, disperse dyes, reactive dyes, acid dyes, basic dyes. Fastness properties of dyes. Stages of dyeing- fiber, yarn, fabric and garment dyeing. Various defects in dyeing

UNIT - IV

Introduction to recycled fabric. Working process of Dyeing machines - loose stock fiber bale, hank package, jigger, winch, beam, jet, padding mangles, garment dyeing, piece dyeing, dip dyeing.

UNIT - V

Application of enzymes in textile processing. Pollution- treatment of textile effluents. Need for eco standards- eco labels and norms- need for eco testing- 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. *Nierstrasz.V.A.*, 2010, **Advances in textile technology**, Elsevier.
3. *Vigo.T.L*, 2017, **The complete technology book on textile processing with effluent treatment**, NIIR board of consultants and engineers.
4. *Youjiang wang*, 2006. **Recycling in textiles**, woodhead publications

18UCF53P	CORE PRACTICAL – IX: MEN’S APPAREL	SEMESTER - V
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TOTAL CREDITS: 3

HOURS / WEEK: 6

PREMEABLE:

1. To prepare the paper pattern
2. To design the men’s garment
3. Draft and construct the men’s garment
4. List the measurements required and materials suitable

CONTENTS

Create garments with the following features(any one garment should be in khadi material)

1. S.B. Vest- with or without collar, button attached, sleeveless.
2. Half sleeve shirt- full open, shirt collar, patch pocket.
3. Nehru kurtha - side pocket, round neck, half open.
4. Pyjama –elastic or tape attached waist.
5. Pleated pant- pleats in front, darts at back, side pocket, fly with button or zip.
6. Boxer shorts- with / without flap, tape attached waist.

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

TEXT BOOKS:

1. *Zarapker. K. R*, 2014. **Zarapker System of Cutting**. Navneet Publications India Ltd.
2. *Gayatri Verma*, 2003. **Cutting and Tailoring Course (Illustrated)**. Asian Publishers.

REFERENCE BOOKS:

1. *Eshwari Anzwani*, 1968. **Cutting and Tailoring Practicals -Vol II** .R.B. Publications, Delhi
2. *Manmmet Sodhia*, 2005. **Dress Designing**. Kalyani Publishers.
3. *Manmmet Sodhia*, 2004. **Drafting and draping**. Kalyani Publishers.

18UCF53Q	CORE PRACTICAL - X: TEXTILE PROCESSING AND DYEING	SEMESTER - V
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TOTAL CREDITS: 2

HOURS / WEEK: 4

CONTENTS

Preparation of samples for Processing (Any 4 is mandatory)

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

Dye the given fabric using suitable dye (Any 6 is mandatory)

6. Direct Dye
7. Sulphur Dye
8. Vat Dyes
9. Disperse Dyes
10. Reactive Dyes
11. Acid Dyes
12. Basic Dyes
13. Natural Dyes

TEXT BOOKS:

1. *Gunay.M*, 2016.**Eco Friendly textile dyeing and finishing**, INTECH publishers.
2. *Hauser.P.J.*2017.**Textile dyeing**, INTECH publishers.

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

18UCF5EA	ELECTIVE - I GARMENT QUALITY AND COST CONTROL	SEMESTER - V
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TOTAL CREDITS: 4**HOURS / WEEK: 4****PREAMBLE:**

1. To know about the quality aspects in different department of garment construction.
2. To understand the different standards used for garment inspection.
3. To gain knowledge about quality control aspects

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in garment quality and cost control

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Examine raw material quality in apparel manufacturing industry and assess the scope of quality control.	K2
CO2	Categorize quality specification of apparel manufacturing industry and justifying sampling plans industry with quality standards.	K2
CO3	Predict functions of production control and recommend to distribution of documents and records.	K3
CO4	Restate types of cost control forms of basic production system	K3
CO5	Identifying the types of cost and expensive in apparel manufacturing industry	K3

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	M	M	S
CO2	M	S	M	M	S
CO3	M	S	M	M	S
CO4	M	S	M	M	S
CO5	M	S	M	M	S

S- STRONG, M- MEDIUM, L- LOW

18UCF5EA	ELECTIVE - I GARMENT QUALITY AND COST CONTROL	SEMESTER - V
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TOTAL CREDITS: 4

HOURS / WEEK: 4

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 quality specification- quality standard control- AQL Standards- 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.

UNIT - III

Function of production control, production analysis, 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, sub assembly 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. *Majumdar.A*, 2012.**Process control in textile manufacturing**. Elsevier publication
2. *Purushotama.B*,2015. Solution to problems in textile and garment industry. IBT W publishers.

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

17UCF5EB	ELECTIVE - I FASHION MERCHANDISING	SEMESTER - V
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PREAMBLE:

1. To know the role of merchandiser in the industry
2. To understand the fashion forecasting and inspection procedures in production
3. To organize the yarn follow up and knitting follow up of garment industry

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in fashion merchandising.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Discuss the role of fashion merchandiser and Write the fashion merchandising terminology.	K2
CO2	List out the types of merchandiser, types of display and explain branded merchandising.	K2
CO3	Identifying the fashion forecasting of orders procurement and compose buying house and buying agencies.	K3
CO4	Inspect the production follow up of garment industry and production follow up problem and parameters.	K3
CO5	Justify the production scheduling costing and programming and problem in CMT sub-contract of vendors rating.	K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	S	M
CO2	M	S	S	S	M
CO3	M	S	S	S	M
CO4	M	S	S	S	M
CO5	M	S	S	S	M

S- STRONG, M- MEDIUM, L- LOW

17UCF5EB	ELECTIVE - I FASHION MERCHANDISING	SEMESTER - V
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TOTAL CREDITS: 4
HOURS / WEEK: 4

CONTENT

UNIT - I

Introduction to fashion merchandising - Structure of Merchandising -Work Schedule - qualities, Skills and knowledge required for merchandising. Fashion merchandising terminology, Role and function of merchandiser.

UNIT - II

Types of merchandising- Visual Merchandising and display, purpose, store image; seasonal visual merchandise, Windows and types of display, Branded merchandising.

UNIT - III

Export House-manufacture house- buying house and buying agency. Forecasting- order procurement -Sample order execution - P.O sheet/ specification and standards.

UNIT - IV

Yarn follow-up/ types/ quality/ parameters. Knitting follow-up and quality parameters, Fabric follow- up and fabric inspection, Accessories follow-up and inspection. Production follow - up - problem and solutions. Inspection and types -AQL inspection of various styles and approval of labels. LC- types and its importance.

UNIT - V

Production scheduling costing & programming, CMT calculation, problem in CMT unit. Sub-contract / evaluations, introduction and definition of vendors rating . Order placements – merchant order – CMT order and approvals

TEXTBOOK:

- 1.Textile fiber to fabric, 2000 Bernard ,P.CORBMAN.
- 2.Apparel merchandising 2017 Nagarajan ,IBT.W

REFERENCEBOOK:

- 1.Fashion Marketing and Mechandising, Manmeet Sodhia and Pooja Cahtley.
- 2.Yarn Technology, 2015 N.S.Kaplan ,Abhishek publication.
- 3.Fashion Marketing,2001 Jony Hines and Margaret Bruce,IBT
4. ERP for textiles and apparel industry 2016 Surjit,IBT

18UCF5EC	ELECTIVE - I DESIGN THINKING	SEMESTER - V
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PREAMBLE:

1. To apply the stages of thing in designing
2. To understand the different stages of thinking
3. Create ideas based on design directions.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in design thinking.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Explain the stage of thinking and its benefits	K2
CO2	Develop a design brief and research about the target groups	K3
CO3	Create ideas based on design directions , various themes, inspiration and references	K3
CO4	Elaborate thinking in images ,signs, shapes, proportions and words	K4
CO5	Develop prototype and implement it according to the stages of thinking	K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	S
CO2	S	S	S	M	S
CO3	S	S	S	M	S
CO4	S	S	S	M	S
CO5	S	S	S	M	S

S- STRONG, M- MEDIUM, L- LOW

18UCF5EC	ELECTIVE - I DESIGN THINKING	SEMESTER - V
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TOTAL CREDITS: 4

HOURS / WEEK: 4

CONTENTS

UNIT - I

Design thinking -introduction of design thinking, variety of design thinking approach, benefits of design thinking, difference between traditional and design thinking. Designing for growth (journey mapping, value chain analysis, mind processing).

UNIT - II

Define - Design brief, objective, proportion. Research - identifying drivers, information gathering, target groups, sample and feedback. Concept-ethnography, visual thinking, divergent thinking, convergent thinking.

UNIT - III

Idea generation - basic design directions, themes for thinking, identity insights, develop design criteria, visualization, inspiration and references, brainstorming, inclusion.

UNIT - IV

Stages of design thinking- design, research ideate, artificial intelligence, select, implement learn. Prototype-rapid prototyping, developing design, types of prototype, vocabulary, stages of implementation.

UNIT - V

Refinement - thinking in images, thinking in signs, thinking in shapes, thinking in proportion, thinking in colour appropriations, thinking in words, modifications.

TEXT BOOKS:

1. *Fiona dieffenbacher*, 2013, **Fashion thinking**: creative approach to the design process. AVA publication.
2. *Alexander osterwalder, yues pignur, Gregory bernarda*, 2014. **Value propotion design- john wiley & sons**.
3. *Emrah yayici*, 2016, *Design thinking methodology book-artbizTech*.
4. *M.Pratap Rao*, 2005. **Interior Design**. N C Jain.

REFERENCE BOOKS :

1. *Susan meller joost eiffers*, 1991. **Textile Design**. Thames And Hudson .
2. *Payal Jain*, 2005. **Fashion Studies**. AshokGosalin and AshishGosalin for HarAnand Publications.
3. *Gavin Ambrose*, 2009. **Basics Design 08: Design Thinking**. Fairchild Books.
4. *Mrs.Usha RajKumar* 2006 , **Design Studies**. Manmeet Sodhia .

18UCF5SP	SKILL BASED COURSE- III: COMPUTER AIDED DESIGNING -I	SEMESTER - V
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**TOTAL CREDITS: 3
HOURS / WEEK: 6**

PREMEABLE:

1. To gather knowledge about Corel draw software
2. To understand the concepts of designing garments
3. To learn the concepts of Logos and Brands

LIST OF EXPERIMENTS (Any 8 is mandatory)

1. Create the designs for Motifs (3 styles)
2. Create the designs for Neck lines (3 styles).
3. Create the designs for Chest prints (3 styles).
4. Create the designs for Children's Garments (5 styles).
5. Create the designs for Women's Garments (5 styles).
6. Create the designs for Men's Garments (5 styles).
7. Design Logo for your brands (3 styles).
8. Design Care Label for garments (3 styles).
9. Design Size Label for garments (3 styles).
10. Design Brand Label for garments (3 styles).

TEXT BOOKS:

1. *Bina Abbing*, 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 BOOK:

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.
3. *Gary david bouton*, 2014, **Corel draw X8 - the official guide** - Mc Graw Hill Education
4. *Peter Schiessl*, 2018, **Corel draw 2018 - Amazon digital services LLC** - KDP print publication

18UCF63A	CORE -IX: TEXTILE PRINTING	SEMESTER - VI
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PREAMBLE:

1. To know how to create printing design.
2. To learn various Printing techniques.
3. To gain knowledge of preparing dyes for printing.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get knowledge in textile printing.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Learn printing, differences between printing and dyeing, preparation of fabric for printing, methods of printing, preparation of printing paste, and selection of thickening agents.	K2
CO2	Predict Direct printing -block printing, Stencil printing	K2,K3
CO3	Outline the stencil printing through various methods	K2,K3
CO4	Identify the resist printing through batik and tie and dye methods	K4
CO5	Categorize the different minor printing methods	K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	S	M
CO2	M	S	S	S	M
CO3	M	S	S	S	M
CO4	M	S	S	S	M
CO5	M	S	S	S	M

S- STRONG, M- MEDIUM, L- LOW

18UCF63A	CORE -IX: TEXTILE PRINTING	SEMESTER - VI
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TOTAL CREDITS: 4

HOURS /WEEK: 4

CONTENTS

UNIT - I

Printing- introduction to printing, importance of printing, characteristics of printing, differences between printing and dyeing, different types of printing on different materials, methods of printing, post treatment of printing techniques.

UNIT - II

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

UNIT - III

Screen printing- history, flat, rotary and roller screen printing, preparation of screen, print paste and screen printing process. Discharge printing- chemicals used, process involved. Pigment printing process.

UNIT - IV

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

UNIT - V

Minor printing methods- ink jet printing, heat transfer printing, Flock and foil print- process sequence and techniques used. Introduction to 3D printing. Recent developments in textile printing.

TEXT BOOKS:

1. *Hurst.G.H,2004, Silk Dyeing Printing and Finishing*, Abishek publication.
2. *Pellew C E,2007, Dyes and Dyeing*, Abishek publication

REFERENCE BOOKS:

1. *Vidhyasagar. P.V , 2000, Hand book textiles*, Woodhead publishing ltd, England.
2. *Murphy. W.S,2003. Textile finishing*, Abhishek Publication.
3. *Shenai .V.A, Naresh M. Saraf, 1987. Technology of Finishing*, Sevak Publications.
4. *W.S Murphy, 1994. Textile Finishing*

18UCF63P	CORE PRACTICAL - XI:TEXTILE PRINTING	SEMESTER - VI
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TOTAL CREDITS: 2

HOURS / WEEK: 4

PREMEABLE:

1. To Creating print designs.
2. To Printing textile with various techniques.
3. To gain knowledge on colours on textile.

LIST OF EXPERIMENTS

Prepare samples using the following techniques (any 10 experiments)

1. Block printing- Using vegetable block
2. Block printing- wooden blocks.
3. Stencil printing using positive and negative method with single colour
4. Stencil printing using positive and negative method with double colours.
5. Stencil printing using positive and negative method with multi colours.
6. Tie and dye- any three methods with single colour
7. Tie and dye- any three methods with Double colours
8. Tie and dye- any three methods with multi colours.
9. Batik technique- any three methods with single colour
10. Batik technique- any three methods with double colours
11. Batik technique- any three methods with multi colours.
12. Screen printing method- single colour.
13. Screen printing method double colours
14. Screen printing method multi colours.
15. Fabric painting- dry

16. Fabric painting- wet
17. Fabric painting- sponging
18. Fabric painting- strokes.

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. *Murphy. W.S*,2003. **Textile finishing**, Abhishek Publication.
3. *Kanwar Varinder Pal Singh*, **Elementary Idea of Textile Dyeing, Printing and Finishing-1st Edition**. Kalyani Publishers.

18UCF63Q	CORE PRACTICAL XII: ACCESSORY DESIGNING	SEMESTER - VI
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**TOTAL CREDITS: 2
HOURS / WEEK: 4**

PREMEABLE:

1. To gain the knowledge on different types of accessories.
2. To learn the accessory designs.
3. Prepare the following samples using the available raw materials/
any base material.

LIST OF EXPERIMENTS (Any 8 is mandatory)

1. Chain or Necklace.
2. Bangles/ bracelets/watches
3. Ear rings
4. Finger rings/toe rings
5. Hair bands
6. Anklets
7. Hand bags.
8. Purse / Wallets/Cell phone covers.
9. Belts
10. Slippers/ shoes
11. A set of ornaments for fashion show garment – 1 sets

TEXT BOOKS:

1. *John Peacock*, 2005. **The Complete Fashion Source Book** .Thames And Hudson.
2. *John Peacock*, 2000. **Fashion Accessories the Complete 20th Century Source Book**. Thames and Hudson.

REFERENCE BOOKS:

1. *Manmeet sodhia*, 2008, **Design Studies**. Pyramid enterprises.
2. *Premalatha mullick*, 2006, **Textbook of textile designing**. *Kalyani Publishers*
3. *Aneta genova*, 2016, **Accessory design** – fair child books
4. *Aneta genova*, 2016, **Fashion and technology: A guide to materials – and application**, bloomsburry publications.

17UCF6EA	ELECTIVE - II APPAREL MARKETING AND MERCHANDISING	SEMESTER - VI
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PREAMBLE:

1. To learn the Marketing concepts.
2. To understand Merchandising policies in apparel industry.
3. To gain knowledge on Fashion and marketing environment.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get knowledge in apparel marketing and merchandising.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Explain the fashion marketing, fashion Marketing environment- and trends in marketing environment.	K2
CO2	Apply the Marketing Function- assembling, standardization and grading, packaging, product planning and development.	K3
CO3	Classify and analyze the types of buyers, merchandiser and their functions.	K2 ,K3
CO4	Identify the Process flow in apparel industry- buyer sourcing and Communication	K4
CO5	Categorize the Visual merchandising of fashion, types of displays, elements of display, merchandising presentation- tools and techniques.	K3, K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	M	S	S	S
CO2	M	M	S	S	S
CO3	M	M	S	S	S
CO4	M	M	S	S	S
CO5	M	M	S	S	S

S- STRONG, M- MEDIUM, L- LOW

17UCF6EA	ELECTIVE - II APPAREL MARKETING AND MERCHANDISING	SEMESTER - VI
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TOTAL CREDITS: 4

HOURS/WEEK: 4

CONTENTS

UNIT - I

Meaning and classification of marketing, fashion marketing, fashion market- size and structure. Marketing environment- trends in marketing environment. Marketing Function- assembling, standardization, grading and packaging.

UNIT - II

The fashion industry- importance of fashion products, nature of fashion products- new product development, product mix and range planning. Merchandising- introduction, meaning- 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- 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. Fashion show- definition, planning, budgeting, location, timings, selection of models, collection. Set design, music, preparing the commentary, rehearsal.

TEXT BOOKS:

1. *Sak Onkvisit*.2008. **International Marketing: Strategy and Theory**. Routledge Publishers.
2. *Dr.Rathina moorthy. R.* 2018. **Apparel Merchandising**, IBT W publishers.

REFERENCE BOOKS:

- 1.*Mary G Wolfe.* 1998. **World of Fashion Merchandising**. Goodheart-Wilcox Publisher.
2. *Manmeet Sodhia.* 2004. **Fashion Marketing and Merchandising**. Kalyani Publishers
3. *Mike Easey.* 1995. **Fashion marketing**. Blackwell Science Ltd.
4. *Dr. Rameshbabu.V.* 2019. **Fashion Marketing Management**. IBT W publishers.

17UCF6EB	ELECTIVE - II PRINCIPLES OF TEXTILE TESTING	SEMESTER - VI
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PREAMBLE:

1. To study about testing standards and methods.
2. To gather knowledge on Fiber, yarn and fabric testing.
3. To understand about trash and lint

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge about textile testing and its forms.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Knowledge to testing and its various terminologies	K3
CO2	Determination of Fibre testing and trash and lint in cotton.	K3
CO3	Understand about Yarn Testing, numbering system, instruments for count determination	K3
CO4	Overview on Various forms of Fabric testing.	K4
CO5	Detailing about Various forms of Colour fastness tests to fabrics.	K4

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	M	S	M
CO2	M	S	M	S	M
CO3	M	S	M	S	M
CO4	M	S	M	S	M
CO5	M	S	M	S	M

S - STRONG M - MEDIUM L - LOW

17UCF6EB	ELECTIVE - II PRINCIPLES OF TEXTILE TESTING	SEMESTER - VI
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TOTAL CREDITS: 4

HOURS / WEEK: 4

CONTENTS

UNIT - I

Introduction to testing- terminology of testing- selection of samples for testing. Standard RH and temperature for testing- measurement of moisture regain conditioning oven.

UNIT - II

Shirley moisture meter- Fiber testing- cotton fiber length, Baer sorter, fineness, Sheffield micronaire, 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 – length, width, crimp, weight, cover factor, fabric strength- tensile strength, tearing strength, hydraulic, bursting strength, fabric abrasion, pilling testing, fabric drape, fabric stiffness, fabric crease resistance and crease recovery measurements, fabric permeability.

UNIT - V

Color fastness tests for fabric- crocking, perspiration, sunlight, laundering using detergents and soaps, pressing. Grey scale index, whiteness index.

TEXT BOOKS:

1. *Amutha.K*, 2016. **A practical guide to textile testing**. Woodhead publications.
2. *Angappan.P and Gopalakrishnan.R*, 2002. **Textile Testing**. SSM Institute of Textile Technology, Komarapalayam.

REFERENCE BOOKS:

1. *Patrica Dolez, oliver Vermeersch and ValerioIzquierdo*, 2018, **Advanced Characterization & testing of textiles**. Woodhead publications
2. *Mishra.S.P and Kesavan.B.K*, **Fiber Science**. SSM Institute of Textile Technology, Komarapalayam.
3. *Qufu wei*, 2012, **Functional nanofibres and their applications**, Woodhead publications.
4. *J.E.Booth*, 1996, **Principles of Textile testing**, 3rd Edition CBS publishers & Distributers pvt ltd.

17UCF6EC	ELECTIVE - II HOME TEXTILES	SEMESTER - VI
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PREAMBLE:

1. Concepts of home textiles.
2. Suitable home furnishing material.
3. To gain the knowledge about recent trends in home textile.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge about home textiles and its forms.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Introduction of various home textile fibers and fabrics	K2
CO2	Detailing about various coverings like wall coverings and floor coverings for aesthetic purpose and protection	K2
CO3	Brief knowledge about Door and window treatments, curtains and draperies	K3
CO4	Knowledge of Soft furnishing for living and bedroom its various types and products and its care advantages and disadvantages.	K3
CO5	Analysis of Soft furnishing for kitchen, dining and bathroom- factors affecting its selection, use and care. Construction of Terry towels.	K3

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	S	M	S	S
CO2	S	S	M	S	S
CO3	S	S	M	S	S
CO4	S	S	M	S	S
CO5	S	S	M	S	S

S - STRONG M - MEDIUM L - LOW

17UCF6EC	ELECTIVE - II HOME TEXTILES	SEMESTER - VI
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TOTAL CREDITS: 4

HOURS / WEEK: 4

CONTENTS

UNIT - I

Introduction to home textiles- definition, types of home textiles .Role of fabric in interior furnishing. Various fibers used for 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. Benefits of Coverings.

UNIT - III

Door and window treatments- definition, size 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.

UNIT - IV

Soft furnishing for living and bedroom- definition for living and bedroom linens, types & designs of living and bedroom linens such as 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, dining 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. Construction of Terry towels.

TEXT BOOKS:

1. *Gloria Nicol*, 2005. **Readers Digest Quick and Easy Home Sewing Projects**. Cico Books.
2. *M.K.Singh*, 2007. **Textile Management at Home**. Discovery Publishing Home.

REFERENCE BOOKS:

1. *Pat A Jomes*, 1999. **The complete photo guide to sewing**. The Singer Company.
2. *M.Pratap Rao*, 2001. **Interior design principle and practice**. N.C.Jain Publications.
3. *Anne van Wagner*, 1993. **Childs Leisure Arts- Inc., Sew- no- more Home Décor**. Arkansas, U.S.A.
4. *GW James*, 2003. **Indian Blankets and their makers**. Abhishek Publications

18UCF6ED	ELECTIVE - III INTERNATIONAL TRADE AND DOCUMENTATION	SEMESTER - VI
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PREAMBLE:

1. To Know the types Of Import And Export Documents
2. To learn Export and Import procedures
3. Knowledge about bank payment and foreign exchange policy.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get knowledge in international trade and documentation.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Outline the Firm Establishment, Export Promotion Councils, and Registration Formalities.	K2
CO2	Examine the Foreign Trade Documents, Letter Of Credit, and Letter Of Hypothecation- Bank Certificate for Payment- Document Relating to Inspection.	K3
CO3	Investigate the Import Procedure, Special Schemes- Replenishment License- Advance License.	K3, K4
CO4	Evaluate the Shipment and Customs, Documentation Terms, Customs Clearance of Import Cargo, Claiming Duty Drawback and Other Benefits.	K5
CO5	Assess the Payment and Deliveries Terms of Payment, Cost of Various Payment Terms- Assessing the Risk In Payment- Role of ECGC and Standard Policy.	K3

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	S	M
CO2	M	S	S	S	M
CO3	M	S	S	S	M
CO4	M	S	S	S	M
CO5	M	S	S	S	M

S- STRONG, M- MEDIUM, L- LOW

18UCF6ED	ELECTIVE - III INTERNATIONAL TRADE AND DOCUMENTATION	SEMESTER - VI
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TOTAL CREDITS: 4

HOURS / WEEK: 4

CONTENTS

UNIT - I

Firm Establishment Introduction- Export Promotion Councils and Their Role- Registration Formalities- RCMC- IE Code- RBI Code- Garment. Globalization with their benefits, Foreign Trade Documents needs.

UNIT - II

Rationale And Types of Documents Relating to Goods- Invoice- Packing Note and List- Certificate of Origin- Certificate Relating to Shipments- Mate Receipt- Shipping Bill- Carat 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.

2. **ASTM Standards** related to stitches and seams, 1998, ASTM.

3. *Mary G Wolfe.* 1998. **World of Fashion Merchandising.** Good heart- Wilcox

18UCF6EE	ELECTIVE - III INTRODUCTION TO TECHNICAL TEXTILES	SEMESTER - VI
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PREAMBLE:

- 1 Technical textiles and its application.
- 2 Various sectors of technical textiles.
- 3 Understanding the various applications of textiles

COURSE OUTCOME:

On the successful completion of the course, students will be able to get knowledge in technical textiles.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Brief note on Technical textiles and fibres used in technical textiles.	K2 & K4
CO2	Understand about definition, material used, types and uses of Agrotech , Geotech, Oekotech or Ecotech and Buildtech	K2
CO3	Gain knowledge on definition, material used, types and uses of Clothtech, Hometech and Indutech.	K2
CO4	Analysis about the definition, material used, types and uses of Mobiltech, meditech and Protech.	K2
CO5	Discussion on the definition, material used, typesand uses of, Sporttech, Packtech and Smart textiles.	K2

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	S	S	S	M
CO2	M	S	S	S	M
CO3	M	S	S	S	M
CO4	M	S	S	S	M
CO5	M	S	S	S	M

S- STRONG, M- MEDIUM, L- LOW

18UCF6EE	ELECTIVE - III INTRODUCTION TO TECHNICAL TEXTILES	SEMESTER - VI
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TOTAL CREDITS: 4

HOURS / WEEK: 4

CONTENTS

UNIT - I

Technical textiles- definition and scope of technical textiles, classification of technical textiles. global and Indian scenario of technical textiles, Fibres used in technical textiles, technical yarns: staple yarns, monofilament, multifilament yarns.

UNIT - II

Agrotech (agro-textiles) - definition, material used, types, uses. Geotech (geo-textiles) - definition, material used, types, uses. Oekotech or Eco tech (environmentally friendly textiles) - definition, material used, types, uses. Buildtech (construction textiles) - definition, material used, types, uses.

UNIT - III

Clothtech (clothing textiles) - definition, material used, types, uses. Home tech (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. Meditech (medical) - definition, material used, types, uses. Protech (protective textiles) - Definition, material used, types, uses.

UNIT - V

Sport tech (sports textiles) - definition, material used, types, uses. Packtech (packaging textiles) - definition, material used, types, uses. Smart textiles- definition, material used, types, uses.

TEXT BOOKS:

1. *Horrocks.A.R and Anand.S.C*, 2000. **Handbook of Technical Textiles**. Woodhead Publishing Ltd, England.
2. *Cann.J.Mc*, 2009. **Smart clothes & wearable technology**, Woodhead Publishing Ltd

REFERENCE BOOKS:

1. *Song.G*, 2011. **Improving comfort in clothing**, Elsevier.
2. *Mattila.H.R*, 2006, **Intelligent textiles & clothing**, Elsevier.
3. *Anand, Bayindirli*, 2010. **Medical & healthcare textiles**, Elsevier.
4. *Barel.A.O, Benavides*, 2009. **Smart Clothes and wearables technology**, Elsevier.

18UCF6EF	ELECTIVE - III RETAILMANAGEMENT	SEMESTER- VI
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PREAMBLE:

1. To gain knowledge about retail industry
2. To understand the concept of financial aspects.
3. To gain complete knowledge on merchandising.

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge and technical in the construction of garment.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Understand the marketing channel, retail organization structures, retail merchandising, retailing formats	K3
CO2	Knowledge the retail locations, retail growth and expansion, international retailing and retailing advertising.	K2
CO3	To acquire knowledge in Brands, private labels, Merchandise resources and Trade shows.	K3
CO4	To analyse the financial aspects of merchandising	K3
CO5	To know about the Store layout and merchandise presentation.	K3

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	M	M	S	S	S
CO2	M	M	S	S	S
CO3	M	M	S	S	S
CO4	M	M	S	S	S
CO5	M	M	S	S	S

S- STRONG, M- MEDIUM, L- LOW

18UCF6EF	ELECTIVE - III RETAILMANAGEMENT	SEMESTER- VI
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TOTAL CREDITS: 4
HOURS /WEEK: 4

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 wholesale- 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, Virtual and visual merchandising, store layout, fixtures, merchandise presentation, signs.

TEXT BOOKS:

1. Surjit. 2017. **Apparel Merchandising**. IBT W Publishers.
2. Colovic .2016. **Ergonomics in the garment industry**. IBT W Publishers.

REFERENCE BOOKS:

- 1 *John Donnellan*, 1996. **Merchandise Buying and Management**. Fairchild Publications, New York.
- 2 *Paras Ram*, 1990, **Hand Book of Import and export Procedures**. Government of Pakistan
- 3 *Ellen Diamond*, 2005. **Fashion Retailing: A Multi-Channel Approach- 2nd Editions**. Prentice Hall.

18UCF6SP	SKILL BASED COURSE - IV : COMPUTER AIDED DESIGNING -II	SEMESTER - VI
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TOTAL CREDITS: 3
HOURS / WEEK: 6

PREMEABLE:

1. To understand about colour harmony
2. To gain knowledge about principles of design
3. To know the concepts of elements of design

LIST OF EXPERIMENTS (Any 10 is mandatory)

1. Application of colour harmony in design – Monochromatic colour harmony
2. Application of colour harmony in design – Analogous colour harmony
3. Application of colour harmony in design – Complementary colour harmony.
4. Application of colour harmony in design – Double complementary colour harmony.
5. Application of colour harmony in design – Split complementary colour harmony.
6. Application of colour harmony in design – Triad colour harmony.
7. Application of colour harmony in design – Tetrad colour harmony.
8. Application of colour harmony in design –Neutral colour harmony.
9. Applications of principles of design in dress design - Balance- formal
- 10.Applications of principles of design in dress design - Balance- informal
11. Applications of principles of design in dress design - Rhythm- by line movement
12. Applications of principles of design in dress design - Rhythm- gradation.

13. Applications of principles of design in dress design - Rhythm - radiation.
14. Applications of principles of design in dress design - Emphasis.
15. Applications of principles of design in dress design - Proportion.
16. Applications of principles of design in dress design - Harmony.
17. Design garments for the following - Party wear- children, men & women.
18. Design garments for the following - sports wear- children, men & women.
19. Design garments for the following - winter wear- children, men & women.
20. Design garments for the following - summer wear- children, men & women.
21. Design garments for the following - spring wear- children, men & women.
22. Prepare pattern for - Bib.
23. Prepare pattern for - Jabla.
24. Prepare pattern for - Knicker.
25. Grade the pattern for - Bodice front.
26. Grade the pattern for - Bodice back.
27. Editing designs: Scan designs from books/magazines/photos – Edit colour, Edit features, Edit background, 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 Abbing*, 1987. **Fashion Sketch Book.** Fair Child Publications, New York Wardrobe.
3. *Susan meller joost eiffers*, 1991. **Textile Design.** Thames And Hudson .
4. *Payal Jain* ,2005. **Fashion Studies.** AshokGosalin and AshishGosalin for HarAnand Publications.

17UCF63B	FASHION PORTFOLIO PRESENTATION (PROJECT WITH VIVAVOCE)	SEMESTER- VI
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**TOTAL CREDITS: 2
4 HOURS /WEEK**

PREAMBLE:

- 1 Design creation.
- 2 Learning and patterning different techniques.
- 3 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 Abbing*, 1987. **Fashion Sketch Book**. Fair Child Publications, New York Wardrobe.
2. *Emrah yayici*, 2016, *Design thinking methodology book-artbizTech*.

REFERENCE BOOKS:

1. *M.Pratap Rao*, 2005. **Interior Design**. N C Jain.
2. *Susan meller joost eiffers*, 1991. **Textile Design**. Thames And Hudson .
3. *Payal Jain* ,2005. **Fashion Studies**. AshokGosalin and AshishGosalin for HarAnand Publications.
4. *Mrs.Usha RajKumar* 2006 , **Design Studies**.Manmeet Sodhia .

17UNM34H	NMEC- I BASICS OF FASHION	SEMESTER - III
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PREAMBLE:

1. To acquire knowledge about different elements and principles of design
2. To learn about colour theories, designing garments for different types of figures and wardrobe planning

COURSE OUTCOME:

On the successful completion of the course, students will be able to get adequate knowledge in basics of fashion.

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Explain design and its types; name the requirements of a good design.	K2
CO2	Outline the elements of design and principles of design.	K3
CO3	Investigate prang colour system and design standard colour harmonies in dress form.	K3
CO4	Synthesize the designing dresses for unusual figures .	K3
CO5	To understand the wardrobe planning for different age groups.	K3

MAPPING WITH PROGRAMME OUTCOMES

COS/POS	PO1	PO2	PO3	PO4	PO5
CO1	S	M	S	M	S
CO2	S	M	S	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S- STRONG, M- MEDIUM, L- LOW

17UNM34H	NMEC- I BASICS OF FASHION	SEMESTER - III
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TOTAL CREDITS: 2

HOURS/WEEK: 2

CONTENTS

UNIT - I

Design-definition and types- structural and decorative design, requirements of a good structural and decorative design.

UNIT - II

Elements of design- line, shape or form, colour, size and texture. Principles of design- balance, rhythm, emphasis, harmony and proportion.

UNIT - III

Colour-definition, colour theories-prang colour chart, dimensions of colour-hue, value and intensity. Standard colour harmonies.

UNIT - IV

Designing dresses for unusual figures- becoming and unbecoming for the following figure types- stout figure, thin figure, tall figure and short figure.

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, marriage functions, sports.

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**. 1st 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.

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