

Office No. 01263-283124, www.bpswomenuniversity.ac.in

B. Voc. in Fashion Technology and Apparel Designing: 1st Year

	- 4.7		Semeste	r-1						
ŀ.	Code	Course Title	Skill/	Hrs	/Wee	k	Total	Marks		Total
0	1 7 - 1		General Education Course	L	Т	P	Credit	Internal Marks	External Marks	Marks
	Theory	. 1							9	
	FTAD-101S	Traditional Indian Embroideries and Textiles	Skill	3	0	0	3.0	20	80	100
i	FTAD-102S	Elementary Garment Manufacturing	Skill	3	0	0	3.0	20	80	100
1"	FTAD-103S	Elements and Principles of Design	Skill	3	0	0	3.0	20	80	100
T	FTAD-104G	Fundamental of Textiles	Gen. Edu	4	0	0	4.0	20	80	100
	FTAD-105G	Communication Skills	Gen. Edu	4	0	0	4.0	20	80	100
	FTAD-106G	Computer Fundamentals	Gen. Edu	3	0	0	3.0	20	80	100
	Lab			. 1	U +		10 1010			
	FTAD-121G	Fundamentals of Computer Lab	General	0	0	2	1.0	10	40	50
	FTAD-122S	Basics of Garment Construction Lab	Skill	0	0	4	4.0	20	80	100
+	FTAD-123S	Elements of Design Lab	Skill	0	0	2	2.0	10	40	50
-	FTAD-124S	Surface Ornamentation Lab	Skill	0	0	3	3.0	20	80	100
		Course = 12 + Skill Course		20	0	11	30	180	720	900

- Minimum passing marks for any subject (paper) shall be 40% in the external examination and 40 1 % in the aggregate of internal and external examinations of that subject.
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- Electronic gadgets including cellular phones are not allowed in the examination.
- There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.



Department of Fashion Technology Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan (Sonepat), Haryana-131305 Office No. 01263-283124, www.bpswomenuniversity.ac.in

B. Voc. in Fashion Technology and Apparel Designing: 1st Year

Semester - 2nd

o	Code	General		Hrs/Week		k P	Total Credit	Marks		Total
U		1	Education Course			•	Credit	Internal Marks	External Marks	Marks
	Theory		_1							
	FTAD-107S	Textile Structure and Design Development	Skill	4	0	0	4.0	20	80	100
	FTAD-108S	Garment Construction-I	Skill	3	0	0	3.0	00		
	FTAD-109G	Introduction to Fashion and	Gen. Edu	4	0	0	4.0	20	80	100
		Apparel Industry	*		ľ		4.0	20	80	100
	FTAD-110G	Soft Skills and Personality Development	Gen. Edu	4	0	0	4.0	20	80	100
	FTAD-111G	Environmental Studies	Gen. Edu	4	0	0	4.0	20		11
1	Lab				10	10	4.0	20	80	100
	FTAD-125S	Garment Construction Lab - I	Skill	0	0	3	3.0	T 20	T	
	FTAD-126S	Textile Design Development	Skill	0	0	2		20	80	100
		and Analysis Lab	-	, J.	I V	2	2.0	10	40	50
	FTAD-127S	Fashion Sketching	Skill	0	0	2	2.0	10	10	
	FTAD-128S	Internship-I	Skill	0	0	*	4.0	10	40	50
		du Course = 12 + Skill Course		19	-	7		1140	100	100
-		12 EATH COURS	75 10	13		1	30	140	660	800

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B. Voc. in Fashion Technology and Apparel Designing: 2nd Year

Semester - 3

_	Code	Course Title	Skill/	Hrs/	Weel	k	Total	Marks		Total
0	Code		General Education Course	L	T	P	Credit	Internal Marks	External Marks	Marks
	Theory							100	00	100
=	FTAD-201S	Textile and Garment Testing	Skill	3	0	0	3.0	20	80	100
-	FTAD-202S	Preparatory Wet Processing	Skill	3	0	0	3.0	20	80	100
	FTAD-202G	Fashion Communication and Sales Promotion	Gen. Edu	4	0	0	4.0	20	80	100
l	FTAD-204G	Fashion Marketing and	Gen. Edu	4	0	0	4.0	20	80	100
	2050	Merchandising Principles of Management	Gen. Edu	4	0	0	4.0	20	80	100
	FTAD-205G	Principles of Management	Gen. Edu							
	FTAD-221S	Textile and Garment	Skill	0	Ó	2	2.0	10	40	50
	FTAD-222S	Testing Lab Textile Preparatory	Skill	0	0	3	3.0	20	80	100
		Processing Lab	GL:II	0	0	3	3.0	20	80	100
	FTAD-223S	Fashion Illustration	Skill	0	0	4	4.0	20	80	100
-	ETAD-224S	Garment Construction-II	Skill	<u> </u>	0	12	30	170	680	850
2	Credit : Gen. Ed	u Course = 12 + Skill Course	es = 18	18	10	12	130			

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B. Voc. in Fashion Technology and Apparel Designing: 2nd Year

Semester - 4

_	Code	Course Title	Skill/	Hrs/\			Total	Marks		T-4.1
o			General Education Course	L	T	P	Credit	Internal Marks	External Marks	Total Marks
	Theory		1 = 2 = 22							4
	FTAD-206S	Fashion Accessories	Skill	3	0	0	3.0	20	00	
	FTAD-207S	Textile Dyeing	Skill	3	0	0	3.0	20	80	100
	FTAD-208G	History of Costume	Gen. Edu	3	0	0	3.0	20	80	100
_	FTAD-209G	Fashion Forecasting	Gen. Edu	3	0	0	3.0	20	80	100
	FTAD-210G	Export Procedure and Documentation	Gen. Edu	3	.0	0	3.0	20	80	100
	FTAD-211G	HRM and IPR	Gen. Edu	3	0	0	3.0	20	80	100
	Lab	1						120	1 00	100
	FTAD-225S	Fashion Accessories Lab	Skill	0	0	2	2.0	10	40	50
	FTAD-226S	Textile Dyeing Lab	Skill	0	0	2	2.0	10	40	50
	FTAD-227S	CAD Lab-I	Skill	0	0	2	2.0	10	40	50
0	FTAD-228S	Garment Construction-III	Skill	0	0	2	2.0	10	40	50
l	FTAD-229S	Internship –II	Skill	0	0	-*	4.0		100	100
ota	al Credit : Gen. E	du Course = 12 + Skill Cour	rses = 18	18	0	08	30	160	740	900

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B. Voc. in Fashion Technology and Apparel Designing: 3rd Year

Semester - 5

$\overline{}$	Code	Course Title	Skill/	Hrs/	Week	(Total	Marks		Total
0	Code .	Course Time	General Education Course	L	T	P	Credit	Internal Marks	External Marks	Marks
	Theory	2 12 12					T = 0	120	00	100
	FTAD-301S	Home Fashion	Skill	3	0	0	3.0	20	80	100
-	FTAD-302S	Textile Printing	Skill	3	0	0	3.0	20	80	100
	FTAD-303G	Textile and Apparel Costing	Gen. Edu	4	0	0	4.0	20	80	100
	FTAD-304G	Production Planning and Control	Gen. Edu	4	0	0	4.0	20	80	100
;	FTAD-305G	Entrepreneur Development	Gen. Edu	4	0	0	4.0	20	80	100
	Lab		1					T = 0	T 00	1100
<u>5.</u>	FTAD-321S	Home Fashion Lab	Skill	0	0	3	3.0	20	80	100
7	FTAD-322S	Textile Printing Lab	Skill	0	0	3	3.0	20	80	100
·	FTAD-323S	CAD-II	Skill	0	0	2	2.0	10	40	50
}.	FTAD-324S	Minor Project	Skill	0	0	6	4.0	20	80	100
Fot		du Course = 12 + Skill Cours		18	0	14	30	170	680	850

Note:

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- 2 The students will be allowed to use non-programmable scientific calculator. However, sharing/exchange of calculator is prohibited in the examination.
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B. Voc. in Fashion Technology and Apparel Designing: 3rd Year

Semester - 6

		Course Title	Skill/	Hrs/\			Total	Marks		Total
o	Code		General Education Course	L	T	P	Credit	Internal Marks	External Marks	Marks
_	Theory		1 01 111						,	
_	FTAD-306S	Textile Finishing	Skill	3	0	0	3.0	20	80	100
	FTAD-307S	Clothing Care	·Skill	3	0	0	3.0	20	80	100
	FTAD-308G	Value Education	Gen. Edu	4	0	0	4.0	20	80	100
-	FTAD-309G	Fashion Retail and Supply Chain Management	Gen. Edu	4	0	0	4.0	20	80	100
;	FTAD-310G	Apparel Quality Management	Gen. Edu	4	0	0	4.0	20	80	100
	Lab		X-1	i ill						
5 .	FTAD-325S	Textile Finishing Lab	Skill	0	0	3	3.0	20	80	100
7.	FTAD-326S	Fashion Portfolio	Skill	0	0	4	3.0	20	80	100
8.	FTAD-327S	Major Project	Skill	0	0	8	6.0	40	160	200
Tot	al Credit : Gen. F	Edu Course = 12 + Skill Cou	rses = 18	18	0	15	30	180	720	900

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Consolidated Credit and Marks Distribution

D. V 0	c (Fashion Technology and A BPSMV Khanpur K	alan	
S.No	Semester	Credits/Marks	
	l l	30/ 900	
	II	30/ 800	
	III	30/ 850	
	IV	30/900	
	V	30/ 850	
1 II J.	VI	30/ 900	
	otal	180/5200	

Note:

1. The minimum passing marks for any subject (paper) shall be 40 % in the external examination and 40% in the aggregate of internal and external examination of the subject. In case student (s) fails to acquire 40% in the aggregate of internal and external of a subject (paper), she will be awarded re-appear in the external examination of that paper.

2. There will be no reappear in internal examination. Marks obtained in internal examination/ assessment shall be carried forwarded in case of re-appear (either less than 40% in external or less than 40% in aggregate of internal and external).

3. Weight age for internal assessment (examination):

weight age for internal assessment (examination).

(a) Internal test

(b) Assignment/Seminar/Quiz/Group Disc., etc at

(c) Attendance

Less than 75%
75% and above and less than 80%
80% and above and less than 85%
85% and above
00 Marks
02 Marks
03 Marks
05 Marks

10% of the total marks 100 ie 10 Marks 5% of the total marks 100 ie 05 Marks 5% of the total marks 100 ie 05 Marks

Detailed information is available in UG ordinance.

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Program Outcomes of B. Voc Fashion and Apparel Design

PO of B. Voc Fashion and Apparel Design

PO1: B.Voc. program is designed for specific job roles and entrepreneurships along with broad based general education.

PO2: To enable the undergraduates to contribute a significant participation in accelerating economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

PO3: To acquaint students to be skilled professionals with the appropriate technical expertise to step into a professional world, related to Fashion-Apparel, Home Fashion and allied Industries.

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Department of results, sectors and Bhagat Phool Singh menile Vishme department Khanyun Kalan (Sonaper) Haryana-131305



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Program Specific Outcome of B.Voc (FT&AD)

PSO of B.Voc (FT&AD)

PSO1: Capacity building in fashion and apparel sector for specific job roles and entrepreneurships in garment manufacturing sectors and skills in Apparel Designing.

PSO2: B.Voc in Fashion and Apparel Design will acquaint students to be skilled professionals with the appropriate technical expertise to step into a professional world, in skills like drawing, illustration, draping, pattern making, sewing, trend prediction along with training in production.

PSO3: To create skilled work force in Fashion and Apparel Sector for contribution towards economic growth and self employment.

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Department of Fashion Technology
Bhagat Phool Singh Mahila Vishwavidyalam
Khanpur Kalan (Sonepat) Haryana-131305

SYLLABUS: SEMESTER - I

FTAD-101S TRADITIONAL INDIAN EMBROIDERIES AND TEXTILES

LTP

Total Credit: 3

300 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

The course is designed to make the students understand about:

- The course is designed to make ...

 Concepts of Traditional Indian textiles and motifs/designs involved in producing such
- Types of embroidery stitches, techniques and machines used in textile surface
- Various Indian traditional textiles and embroideries of different states with special Various mutal traditional various materials, embroidery threads, colors, stitch types, motifs and production Traditional textiles and embroideries of the western and Asian countries.

UNIT 1: Surface ornamentation by beads, patch work, embroidery, etc. Introduction to embroidery. Various types of embroidery stitches such as stem stitch, chain stitch, herringbone stitch, cross stitch, etc. Patch work, appliqué, quilting-introduction, tools

UNIT 2:A brief study of various embroidered textiles:- Study of Indian traditional embroideries of different States with special reference to material, thread, colours, stitches, motifs and production processes used as follows: Kantha of Bengal, Kasuti of Karnataka, Chikankari of Uttar Pradesh, Chamba of Himachal Pradesh, Kashida and Aari work of Kashmir, Phulkari of Punjab and Kutch of Gujarat

UNIT 3: A brief study of various woven textiles of India: Brocades, Chanderi, Paithani, Maheshwari, Kanchiwaram, Patolas, Pochampalii, Ikat, Kani shawls of Kashmir, Jamdani, Baluchars, Jamawar, etc.

UNIT 4: Printed Textiles of India:-Sanganeri prints, Bagroo, Tie and Dye - Leharia and Bandhinis, Traditional Painted Textiles - Kalanıkari, To study in brief the Carpets and Namdas of Kashmir.

Suggested Text Books & References:

1. UshaShrikant, "Ethnic Embroidery of India", Honesty Publications.

2. Behra B. K., "Traditional Textile Designs of India".

3. Barnden Betty, "Embroidery Basics", Barson's Educational Series Indorp.

4. Gillow, Traditional India Textile, Thames & Hudson, 1998

Course Outcomes:

After completion of the course, students will be able to:

- understand the fundamentals of Indian traditional textiles
- understand the embroidery techniques, stitches, machine and production processes of traditional Indian textiles and embroideries
- comprehend the various Indian traditional textiles of different states
- understands the traditional textiles and embroideries of Asian and Western countries

There will be nine questions in total from all four units. First question is compulsory and Note: set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-102S ELEMENTORY GARMENT MANUFACTURING

Total Credit: 3

3 00 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

The course is designed for the students to learn:

- Basic concepts of body measurements
- Methods of pattern making
- Types of pattern and pattern lay out etc.

UNIT 1: Body measurement -importance, preparing for measuring, ladies measurements, boys and men's measurements. Standardizing body measurements – importance, techniques used. Relative length and girth measures in ladies /gentlemen. Preparation of fabric for cutting – importance of grain in cutting and construction, steps in preparing the fabric for

UNIT 2: Pattern making -method of pattern making - (Drafting and draping), merits and demerits. Types of paper patterns (Patterns for personal measurements and commercial patterns) Principles of pattern drafting. Pattern details, steps in drafting basic bodice front and

UNIT 3: Styles created by shifting of blouse darts, adding fullness to the bodice, converting darts to seam and partial yokes and incorporating darts into seams forming yokes. Fitting -Standards of a good fit, steps in preparing a blouse for fitting, checking the fit of a blouse, solving fitting problems in a blouse, fitting techniques.

UNIT 4: Pattern alteration -importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse. Pattern grading -definition, types, manual master grades, basic front, basic back basic sleeve, basic collar and basic grading, Pattern layout- definition, purpose, rules in layout, types of layouts for length wise stripped designs, fabric with bold design, asymmetric designs, and one way designs.

Suggested Text Books and References:

1. Steffani Lincecum, Patternmaking for a Perfect Fit: Using the Rub-off Technique to Re-create and Redesign Your Favourite Fashions

2. Helen Joseph - Armstro, Patternmaking for Fashion Design

3. Lori A. Knowles, Practical Guide to Patternmaking for Fashion Designers: Juniors, Misses and Women

4. Donald H. McCunn, How to Make Sewing Patterns (Paperback)

5. Patternmaking: A Comprehensive Reference for Fashion Design

Course Outcomes:

After completion of the course, students will have the knowledge of.

spreading mechanism and working of different spreading devices. Page 3

Note:

1 There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-103S ELEMENTS AND PRINC

Total Credit: 3

30 0 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks:

The course is designed to make the students aware of e course is designed to make a course is design and their applications.

Basic elements and principles of garment design and their applications.

Concepts of aesthetics and their role in fashion Design.

UNIT 1: Design- definition, requirements of a good design, Types- natural and decorative, UNIT 1: Design- definition, Design development -types of motifs. Mood board- Types and types of decorative design. Collage and its types - ratiof and Golden and Its types - ratiof and Its types types of decorative design. Collage and its types - relief and flat. Basics of elements and formation of mood board. Collage and its types - relief and flat. Basics of elements and principles of design.

UNIT-2: Elements of design: Lines - Horizontal, vertical, zigzag, diagonal and curve, Color UNITED THE PROPERTY OF THE PRO - color wheel, plants - Different types of textures, identification and suitability of of clothing by color. Textures - Different types of textures, identification and suitability of of clouding of different garments. Shape - Geometrical - Realistic - Stylized - Abstract. Different types of Silhouettes, Types of dots and their application in designing.

UNIT 3: Introduction to principles of design-balance- proportion- emphasis, rhythmharmony with their suitable example. Elements and principles of design-its perspective and application to apparel and lifestyle products. Understanding the concepts of aesthetics. Introducing principles of design on apparels: figure/ design analysis: Stout figure, tall and thin figure, Tall and Fat, Short and thin, Short and Fat, slender figure, narrow shoulders, broad shoulders, round shoulders, Big bust, Small chest, large hip, large abdomen, round face, long face, Square face, Diamond Face, Oval Face and broad face, Narrow hips, Broad hips, Heavy thighs, Short legs, Large Legs etc..

UNIT 4: Elements of apparels, women's dress-style suitability to the individual factors in personality. Men's dress- factors to consider, fabrics, coats, trousers, shirts, collars & pockets. Accessory of design neck ties, hats, over coats, hosiery & shoes, hair dressing.

Suggested Text Books & References:

- 1. Anderson and Anderson," Costume design", Harcourt Brace 2nd Ed, 1999.
- 2. Laver J, "Costume and Fashion", Thames & Hudson, 1995.

3. Lee Sharon, "Inside Fashion Design", Tate, 1977.

- 4. Sumathi G. J., "Elements of Fashion and Apparel Design", New Age International Publisher, 2002.
- 5. Brockman, H.L," The theory of Fashion", John Wiley & Sons, 1965.

Course Outcomes:

After completion of the course, students will be able to:

- Understand the basic concepts of Design and Mood Boards for Design the garments.
- Understand the basic concepts of elements of design and principles of design
- 4 Concepts of elements of design and principles of design on apparels: figure/ design analysis.

5 Understand the concepts of different Men Dress Style and Women Dress style.

Note:

• There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-104G

FUNDAMENTALS OF TEXTILES

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Total Credit: 4

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

Course Objectives:
This course aims at updating the knowledge of students in the following fields of textiles:

- The basic concept.
 To make the students understand about the natural fiber and their physical and
- To make the students learn about difference between manmade fibre and natural fiber
- To familiarize the students with objectives of initial stages of yarn formation viz. Ginning, Mixing and Blending, Blowroom and Card, Drawing-in, Combing, Roving
- To make the students learn about Fancy yarn, sewing thread and Yarn Numbering
- To learn basic concepts of fabric manufacturing technology

UNIT 1: Introduction to the field of Textiles - major goals- classification of fibres - natural and chemical - primary and secondary characteristics of textile fibres.

UNIT 2: Manufacturing process, properties and uses of natural fibres - cotton, linen, jute, pineapple, hemp, silk, wool, hair fibres, Manmade fibres - viscose rayon, acetate rayon-

UNIT 3: Spinning - definition, classification - chemical and mechanical spinning blending, opening, cleaning, doubling, carding, combing, drawing, roving, spinning, Yarn classification - definition classification - simple fancy yarns, sewing threads and its

UNIT 4: Weaving- Classification of fabrics, introduction to various fabric manufacturing methods, conversion of yarn into fabric with flow charts, Introduction of warp and weft preparatory processes and their objectives, Shuttle Looms: Definition of handloom, plain loom, and automatic loom, General passage of material through loom, description of important parts of a loom, basic loom mechanisms; primary, secondary and auxiliary motions, Brief introduction and overview to Shuttleless looms. Their advantages over shuttle looms. Terms used for all woven fabrics, Ways to Distinguish Warp and west yarns.

Suggested Text Books and References:

1.Lesley Jackson, 20th Century Pattern Design: Textile and Wallpaper Pionee

2. Marie O' Mahoney, Advanced Textiles for Health and Wellbeing

3. Laura Euler, Arts and Crafts Embroidery

4. Valerie D. Mendes, Frances Hinchcliffe, Ascher: Fabric, Art, Fashion

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Course Outcomes:

After completing the course successfully, the student should be able to:

- Have the knowledge of essential and desirable properties of textile fibre and their effect on influencing yarn and fabric properties
- Acquire knowledge of natural and synthetic fibers.
- Understand the methods of yarn formation.
- Understand and differentiate between yarn, sewing thread, fancy yarn as well as their
- have the knowledge of essential requirements for fabric forming processes

Mark of the Committee o which you have the tribile was a factor of

be familiar with different techniques of fabric production systems

Note:

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

105G COMMUNICATON SKILLS

FTAD-105G

4 00

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Total Credit: 4

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:
To familiarize the students with fundamentals of language, reading skills, writing skills and oral communication.

UNIT 1: Fundamentals of Language: Basic use of parts of Speech, Tenses, Articles, Modal verbs, Conditional sentences, verbs, phrasal verbs and idioms, word-building through suffix and prefix, compound words, for specific usage related to the situations.

UNIT 2: Reading skills: Dealing with difficult vocabulary, Reading comprehensions, reading sub skills -skimming and scanning.

UNIT 3: Sentence pattern and paragraph writing: Basic writing skills and conveying specific

informationusingsimplesentencesofvariouspatterns. Transformationofsentences, writing Introduction, welcoming, thanksgiving and conclusion.

UNIT 4: Effective Oral Communication: Oral reports, discussion, telephonic conversations, pronunciation, stress and intonation. British and American English, synonyms and antonyms, public speaking, English for Job-search: Drafting covering letters and applications specific to job.

DifferencebetweenCV, ResumeandBiodata. TipsforInterviewSuccess. BodyLanguage. Mock Interviews for enhancingskills.

Suggested Text Books and References:

- 1. Adair, John. Effective Communication. London: Pan Macmillan Ltd.2003.
- 2. Ajmani, J. C. Good English: Getting it Right. New Delhi: Rupa Publications, 2012.
- 3. Amos, Julie Ann. Handling Tough Job Interviews. Mumbai: Jaico Publishing, 2004Bonet, Diana. The Business of Listening: Third Edition. New Delhi: Viva Books, 2004.
- 4. Business Communication Today: Tenth Edition. New Jersey: Prentice Hall, 2010.
- 5. Brown, Michele & Gyles Brandreth. How to Interview and beinterviewed. London: Sheldon Press, 1994.
- 6. Carnegie, Dale. The Quick and Easy Way to Effective Speaking, New York: Pocket Books, 1977. Collins, Patrick.
- 7. Speak with Power and Confidence. New York: Sterling, 2009.

Course Outcomes:

After completing the course successfully, the student should be able to:

Have command on English language

• Acquire reading and writing skills

• Communicate effectively to her superiors as well asjuniors at work place in her professional field.

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Note:

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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COMPUTER FUNDAMENTALS

FTAD-106G

LTP

Total Credit: 3

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objective: To enable the student to familiarize with the basics of computers and to Course Objective: 10 enable in creating documents and presentations along with internet provide hands on experience in creating documents and presentations along with internet skills.

UNIT 1: Introduction to computer with brief history, Input and Output Devices, System UNIT 1: Introduction to Software, Computer Language, Compiler and Assembler in computers.

UNIT 2: Basics of Word Processing Starting Word Program, Word Screen Layout, Typing Screen Objects, Managing Documents, Protecting and Finding Documents, Printing Documents, Formatting Documents Working with text, Formatting Text, Formatting Paragraphs, Bulleted and Numbered Lists, Copying and Moving Text, Spelling and Grammar, Page Formatting, Creating Tables, Mail Merge Types of document in Mail merge. Creating data Source, Creating Mailing Labels, Merging Data into Main Document

UNIT 3: Basics of Spreadsheet Selecting, Adding and Renaming Worksheets, Modifying a Worksheet, Resizing Rows and Columns, Workbook Protection, Formatting Worksheets Formatting Toolbar, Formatting Cells, Formatting Rows and Columns, Formatting Worksheets Using Styles, Protect and Unprotect Worksheets, Formulas, Functions and Charts Formulas and Functions, Types of Charts, Auto Shapes and Smart art.

UNIT 4: Creating Presentation Creating Slides, Slide Sorter View, Changing Slide Layouts, Moving BetweenSlides, Introduction to Internet Getting Connected to Internet, Types of Internet Connections, Internet Terminology, Understanding Internet Address Computer Viruses and Security threats.

Suggested Text Books and References:

- 1. Sanjay Sexena, A First Course inComputers
- 2. Balaguruswamy Programming in ANSIC
- 3. Brian W Kerighan and Dennis M Ritchie, C Programming Language Report The

Course Outcomes:

After completing the course successfully, the student should be able to:

- Work efficiently in creating documents and presentation with sufficient skills.
- · Acquire hardware and software skills: like internet connectivity, virus and security threats and can deal efficiently to overcome any issues.
- Maintain official records with latest apps

Note:

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

FTAD-121G FUNDAMENTALS OF COMPUTER LAB

LTP 002

Total Credit: 1

Course Objective: To enable the student to familiarize with the basics of know-how of computer operation in creating documents, presentations as well as designing brochure, postcards etc.

List of Experiments:

1. Working with Word.

2. Working with excel for addition, subtraction, multiplication and division operations.

3. Working with Power point.

4. Create presentation using power point.

5. Design a visiting card.

- 6. Design a postcard.
- 7. Design a brochure.
- 8. Internet skills and data back ups.

Suggested Text Books and References:

1. Holly Poteet, The Computer Lab Teacher's Survival Guide: K-6 Units forthe Whole Year, Second Edition 2ndEdition

2. Dennis Ritchie and Brian Kernighan ,The C ProgrammingLanguage

3. Kernighan and Pike, The Practice of Programming Peter van der Linden, Expert C Programming, Deep CSecrets

Course Outcomes:

After completing the course successfully, the student should be able to:

- Work efficiently in creating documents and presentation with sufficient skills.
- Acquire hardware and software skills: like internet connectivity, virus and security threats and can deal efficiently to overcome any issues.
- · Maintain official records with latest apps

Note:

• At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

Syllabus: B. Voc. (Fashion Technology and Apparel Designing), BPSMV effective BASICS OF GARMENT CONSTRUCTION LAB Total Credit: 4 FTAD-122S LTP This Lab course is designed to impart first-hand experience of working on various seams, Course Objectives: This Lab course is designed to construct the garment step by step.

preparing samples and how to construct the garment step by step. preparing samples and no various Sleeves, Collars and Pockets etc.
To give hand on practice on various sleeves, Collars and Pockets etc. List of Experiments.

1. Preparation of samples for seam finishes- overcast Home Ed., piped seam. 1. Preparation of samples for seam finishes- overcast, Hem, Edge stitched, bound.

2. Preparation of samples for fullness-darts, make (one 2) and a sample of samples for fullness-darts. 2. Preparation of samples for fullness-darts, tucks (any 3)-pin, cross, group tucking with Preparation of samples (any 3)-knife, box kick gathering to Preparation of Samples (any 3)-knife, box, kick, gathering by machine, elastic. Ruffles-scalloped effect, Pleats (any 3)-knife, box, kick, gathering by machine, elastic. Ruffles-9. Preparation of samples for facing and binding-bias facing, shaped facing, binding.

4. Preparation of samples for plackets and fasteners-continuous, bound, faced and zipper
5. Preparation of samples for plackets and fasteners-continuous, bound, faced and zipper

2. Wendy Mullin, Sew U: The Built by Wendy Guide to Making Your Own Wardrobe

Wendy Mullin, Sew U Home Stretch: The Built by Wendy Guide to Sewing Knit Fabrics

At least 10 experiments have to be performed in the semester, out of which at least

seven experiments should be performed from the above list or designed & set as per

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Page 13

6. Preparation of samples for sleeves-plain sleeve, puff sleeve, raglan or cap sleeve.

o. Preparation of samples with yoke –simple yoke, yokes supporting fullness.

1. Nora Abousteit and Alison Kelly, The Burda Style Sewing Handbook

plackets, button and buttonhole, press button, hook and eye.

After completion of the course, students will be able to:

• Recognize different types of tools, aids and equipment Prepare different patterns and practice of pattern layouts Develop practical skills relevant to garment construction, etc.

Develop samples with various seams

the scope of syllabus.

8. Preparation of samples for collar. 9. Preparation of samples for pocket.

Suggested Text Books and References:

Course Outcomes:

Syllabus: B. Voc. (Fashlon Technology and Apparel Designing), BPSMV effective

FTAD-123S

ELEMENTS OF DESIGN LAB

LTP

0 0 2

Total Credit: 2

Course Objectives:

The lab course is designed to make the students aware of

- Basic elements and principles of garment design and their applications.
- e Effect of various elements to appreciate aesthetics and their role in fashion Design.

List of Experiments:

- 1. Illustrate different type of lines:
 - · Vertical,
 - · Horizontal,
 - o Diagonal,
 - Zigzag,
 - D Curved.
 - Thick and thin
- 2. Illustrate different type of Dots.
- 3. Different colour exercises such as -
 - · Colour wheel; primary, secondary and warm, cool,
 - Tertiary value: tints, shades,
 - Colour schemes; analogous, mono-chromatic, complimentary and split complimentary.
- 4. Collection of samples for different textures.
- 5. Illustrate different type of Shape-
 - Geometrical
 - Realistic
 - Stylized
 - Abstract
- 6. Illustrate different type of Sketching of different Silhouettes
- 7. Illustrate different type of Principle of design:
 - Rhythm
 - Harmony
 - Proportion
 - Balance
 - Emphasis
- 8. Making collage with waste material, paper and fabrics.

Suggested TextBooks and References:

- 1. Anderson and Anderson," Costume design", Harcourt Brace 2nd Ed, 1999.
- 2. Laver J, "Costume and Fashion", Thames & Hudson, 1995.
- 3. Lee Sharon, "Inside Fashion Design", Tate, 1977.
- 4. Sumathi G. J., "Elements of Fashion and Apparel Design", New Age International Publisher, 2002.
- 5. Brockman, H.L," The theory of Fashion", John Wiley & Sons, 1965.
- 6. Kawashima, Masazki, "Fundamentals of Men's Fashion Design", Fairchilds Pub, 1976.

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Course Outcomes:
After completion of the lab course, students will be able to: the completion of the law concepts of Design and Mood Boards for Design the garments.

1 Understand the basic concepts of elements of design.

- Understand the basic concepts of elements of design and principles of design
- Understand the basic lements to appreciate aesthetics and their role in fashion Relate effect of various elements to appreciate aesthetics and their role in fashion Design.

Note:

At least 10 experiments have to be performed in the semester, out of which at least At least 10 corporation and selecter, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

FTAD-124S

SURFACE ORNAMENTATION LAB

Total Credit: 3

LTP 003

This Lab course is designed to impart first-hand experience of making Traditional Indian Course Objectives: Textiles and embroideries. It also helps students practically understand the various stitches and embroidery techniques etc.

List of Experiments:

- Hand embroidery and sitches samples
- Traditional embroidery -Embroidery of Kashmir
- Phulkari of Punjab
- 4. Gujarat Kutch embroidery
- 5. Embroidery of Rajasthan
- 6. Kasuti of Karnataka
- 7. Chickenwork of Lucknow
- 8. Kantha of Bengal
- Machine Embroidery and Smocking -3types.

Suggested TextBooks and References:

- 1. Booth J.E. Principle of textile testing, Butter Worths, London, 1983.
- 2. Grosicki Z.J. Watsons Advanced Textile design and colour Newness Butterworths, London, 1975.
- 3. Watsons Textile design and colour Newness Butterworths, London, 1975

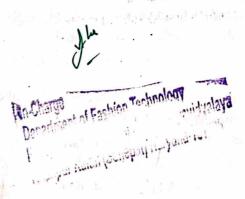
Course Outcomes:

After completion of the course, students will be able to:

- Learn traditional textiles of India practically
- Have practical exposure about embroidery stitches and techniques
- Learn the embroideries of different states of India

Note:

• At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.



SEMESTER- II

TEXTILE STRUCTURE AND DESIGN DEVELOPMENT Total Credit: 4

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100 Course Objectives: To familiarize the students with fundamentals of fabric structure, design Course Objectives: 10 landle design creativity during fabric manufacturing. and development to inculcate design creativity during fabric manufacturing.

UNIT 1: Elements of woven design, Methods of fabric representation, draft and lifting plan, wrap rib. weft rib twill are the sementary weaves - plain, wrap rib. weft rib twill are the UNIT 1: Elements of worker decises - plain, wrap rib, west rib, twill, modification of twills, construction of elementary weaves - their desivatives. satin and sateen weaves - their derivatives.

UNIT 2: Ordinary and brighten honey comb, its modification, hack a back and its UNIT 2: Ordinary and west leno, Extra warp and extra west figuring – single and two modifications, crepe weaves, mock leno, Extra warp and extra west figuring – single and two modifications, or planting, backed fabric, warp and west backed fabrics.

UNIT 3: Pile fabric - Formation of pile - west pile - plain back, twill back - length, density UNII 3: The label of wires, face and fastness of pile - corduroy west plush. Warp pile - Terry pile, with the aid of wires, face to face warp pile.

UNIT 4: Double cloth -classification, self stitched - faces to back, back to face, both. Centre stitched - warp and west. Inter-changing double cloth.

Suggested TextBooks and References:

- 1. Han-Yong Jeon, Non-woven Fabrics
- 2. Han-Yong Jeon , Woven Fabrics
- 3. Peter J. Hauser, Textile Dyeing
- 4. Natural Dyes, E. Perrin AkçakocaKumbasar

Course Outcomes:

After completion of the course, students will be able to:

- Understand the fundamentals of fabric structure and design elements.
- Acquire skills of drafting and designing basic weave patterns on handloom
- Develop designing skills during fabric manufacturing stages.

Note:

• There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

GARMENT CONSTRUCTION-I FTA COSS

Total Credit: 3

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

The course is designed for the students to learn:

- Classification of sewing machines and their functions
- Various parts of sewing machines and stitching mechanism.
- Various kinds of spreading and cutting tools and methods
- Marker planning and making
- Various seams and stitches

UNIT 1: Sewing Machineries- Classification of sewing machines, parts functions of single Needle machine, over lock machine, bar tacking machine, button Hole making machine, button fixing machine, blind stitching Machine, fabric examining machine. Special attachments, care and maintenance, Common problems and remedies

UNIT 2: Stitching mechanism- Needles, bobbin and bobbin case, bobbin winding, loops and loop Spreader, upper and lower threading, auxiliary hooks, throat plates, take-ups, tension discs- upper and lower thread tension, stitching auxiliaries, pressure foot and its types, Feed mechanisms - drop feed, differential fed, needle feed, compound feed, unison feed, puller feed.

UNIT 3: Cutting technology - definition, function, scope. Cutting equipment and tools, vertical reciprocity cutting machines, rotary cutting machine band knife cutting machine, die cutters. Types of spread and its quality, spreading equipment and tools used for spreading, spreading methods.

UNIT 4: Marking methods, positioning marking types of markers, efficiency of a marker plan, requirements of marker planning. Pressing Equipments - purpose, pressing equipments and methods iron, steam press, steam air finisher, steam tunnel, special types - pleating, permanent press, Sewing federal standards for stitch and stitch classification, federal standards for seam and seam classification, fabric suability, Sewing threads- types, essential qualities of a sewing thread, Manufacturing process of cotton and synthetic threads, twisting process.

Suggested Text Books and References:

- 1. The Technology of Clothing Manufacture Harold Carr and Barbara Latham, Blackwell
- 2. A complete guide for sewing Coles M Sew, Heinemann Professional Publishing, Singapore.

3. Reader's digest Sewing guide, Complete Guide to Sewing 13th Edition, The Reader's Digest

Association Inc, Pleasant Ville.

Course Outcomes:

After completion of the course, students will have the knowledge of:

- Different types of cutting devices and their working principles
- Spreading mechanism and working of different spreading devices.
- Marker planning, marker making, patterns and pattern lay outs

Note: There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

INTRODUCTION TO FASHION AND APPAREL INDUSTRY FTAW 09G Total Credit: 4

4 00 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objective:

- arse Objective:

 To acquaint the student with the fundamentals of fashion and basic principles that govern all fashion movement and change:
- To learn basic fashion terminology, and to understand, principles, concepts and theories involved in course coverage.
- To know about the fashion cycle and stages.

UNIT 1: Introduction to Apparel Industry, Indian Apparel industry scenario and its SWOT analysis, working of various departments of a garment production unit, Present trends in fashion like mass production, retailing-its categorizations. Introduction to fashion forecasting its services.

UNIT 2: Fashion terminology, fashion cycle-stages of fashion, fad/classic, factors affecting fashion, Fashion adaptation theories. Introduction to fashion season, Fashion leaders and Followers, Classification of fashion.

UNIT 3: Consumer identification with fashion cycles-leaders, innovators, followers, brief introduction about various roles/jobs in fashion/export houses, role of merchandisers in Fashion Industries- Factory, Buyer.

UNIT 4: Fashion premotion and communications- Various modes promote fashion-trade fairs, fashion shows. Study of fashion designer's profile (their history of work, labels, boutiques, shows etc. Various leading and well known National and International Designers.

Suggested Fext Books & References:

1. Brockman, H.L., "The theory of Fashion", John Wiley & Sons, 1965.

- 2. Kawashima, Masazki, "Fundamentals of Men's Fashion Design", Fairchilds publications, 1976.
- 3. Carr, H.C., "The clothing Factory", The Clothing Institute, Blackwell London, 1972.
- 4. Jarnow, J.A., and Judelle B., "Inside the Fashion Business", JWS, 2nd edition, 1974.
- 5. Barton, Roger, "Advertising Handbook", Prentice Hall Inc, 1956.
- 6. Swinney, John B, "Merchandising of Fashion", Ronald press, 1942.
- 7. Jacob Solinger., "Apparel Manufacturing Handbook", VanNostrand Reinhold Company.

Course Outcomes:

After completion of the course, students will be able to:

- 1 Understand the concepts of Indian apparel industry and working of various department of apparel
- 2 Have the knowledge of fashion terminology, Fashion adaptation theories and fashion centers.
- 3 Understand about the fashion Consumer identification and job in export house.
- Understand the concepts of fashion information services and forecasting.

Note: There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each

TP L

Total Credit: 4

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objective: To create a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality.

UNIT 1: Personal Skills: Knowing oneself- confidence building- defining strengths- thinking creatively- personal values-time and stress management.

UNIT 2: Social Skills: Appropriate and contextual use of language-non-verbal communicationinterpersonal skills- problem solving.

UNIT 3: Personality Development: Personal grooming and business etiquettes, corporate etiquette, social etiquette and telephone etiquette, role play and body language.

UNIT 4: Presentation skills: Group discussion- mock Group Discussion using video recording - public

Professional skills: Organizational skills- team work- business and technical correspondence-job oriented skills-professional etiquettes.

Suggested Text Books & References:

- 1. Matila Treece: Successful communication: Allyun and BaconPubharkat.
- 2 Robert T. Reilly, Effective communication in tourist travel Industry Dilnas Publication.
- 3. Boves Thill Business Communication Today Mcycans Hills Publication.
- 4. Dark Studying International Communication SagePublication.
- 5. Murphy Hidderandt Thomas Effective Business Communication McGrawHill.

Course Outcomes:

After completion of the course, students will:

- Acquire personal skills like confidence and thinking skills
- Be able to apply creative and analytical approach in profession.
- Acquire social communication and presentation skills.
- Be able to work with professional etiquettes.

Note: There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

ENVIRONMENTAL STUDIES

FTAD-111G

Total Credit: 4

4 00 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives: The objective of this course is to make students environment conscious. Course Objectives: The objectives: The objectives: The will be exposed through the fundamental concepts of environment and ecosystem so that They will be exposed through the importance of individual and collective efforts to preserve and protect they can appreciate the importance of individual and collective efforts to preserve and protect our environment.

UNIT 1: Introduction to environmental studies, Definition; multidisciplinary nature of UNIT 1: Introduction Scope, importance and need of public awareness, sustainable development. Natural Resources: Renewable and Non--- renewable Resources. Land resources: Land degradation, soil erosion and descrification. Deforestation: Causes and its resources. Dance of the resources. Dance of the resources and tribal people. Water: Use and over--- exploitation of surface and ground water, uses of water and conflicts over water. Energy resources: Renewable and non renewable energy sources, use of alternate energy sources.

UNIT 2: Ecosystems- Concept of an ecosystem, structure and function of ecosystem, food chains, food webs and ecological succession. Case studies of the following ecosystems: a) Forest ecosystem b) Grassland ecosystem c) Desert ecosystem d)Aquatic ecosystem Biodiversity and Conservation-Introduction, definition, Biogeographic zones of India, hot spots of biodiversity, India as mega---biodiversity nation; Endangered and endemic species of India, Threats biodiversity, conservation and value of biodiversity.

UNIT 3: Environmental Pollution- Pollution: types, causes, effects and controls; Air, water, soil and noise pollution, nuclear hazards, weapon of mass destruction and their effects. Climate change, global warming, ozone layer depletion and acid rain, effects of fireworks on environment and human health. Solid waste: cause, effects and management.

Environmental Policies & Practices- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act.

UNIT 4: Human Communities and Environment- Human population growth: Impacts and control of population explosion. Disaster management: floods, earthquake, cyclones, droughts and landslide. Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan.

Drug Abuse- Concept of health, drugs and their effects, use and abuse of drugs, drug deaddiction, laws related to drugs i.e. NDPS etc., Narco-terrorism, spreading awareness about drug abuse, case studies.

Field work (For internal assessment only)-Visit to an area to document environmental assets: river/ forest/ flora/ fauna etc. Visit to a local polluted site---Urban/ Rural/ Industrial/ Agricultural. Study of simple ecosystems---pond, river, lake etc. Study of common plants, insects, birds etc.

Suggested Text Books & References:

1. Mike Hulme, Climates and Cultures

2. Mark Garrett, Encyclopedia of Transportation Social Science and Policy

Syllabus: B. Voc. (Fashion Technology and Apparel Designing), BPSMV effective

- 3. Steel, Science An A-to-Z Guide to Issues and Controversies
- 4. John A Matthews, Encyclopedia of EnvironmentalChange

Course Outcomes:

- After completion of the course, students will be able to: Understand concepts of eco-system and learn about renewable and non-renewable sources of
- Apply the environmental knowledge and efforts to preserve and protect our environment.

There will be nine questions in total from all four units. First question is compulsory and set Note: from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

GARMENT CONSTRUCTION LAB-I

Total Credit: 3

FTAD-125S LTP

Course Objectives:

- To give hands on practice of pattern lay outs and prepare different patterns
- To develop practical skills relevant to garment construction, etc.

List of Experiments:

- 1. Preparation of samples for necklines 1. Preparation of samples for differentskirts: Gathered skirt, Pleated skirt, Layered skirt, A

 2. Preparation of samples for differentskirts: Gathered skirt, Pleated skirt, Layered skirt, A
- Line skirt, Two pieceskirt, Four piece skirt and Yoke skirt.
- 3. Attach different types of sleeves into basic bodice Plain, puff, circular, Raglan, Magyar.
- 3. Attach different types of collars into basic bodice Peter pan collar and bishop collar.

 4. Attach different types of collars into basic bodice Peter pan collar and bishop collar.

Suggested Text Books & References:

- 1. Anita A. Stamper, Experimental Apparel Construction: Laboratory Manual
- 2. Janace E. Bubonia, Apparel Quality LabManual
- 3. M.L. Gambhir, Building and Construction Materials: Testing and QualityControl

Course Outcomes:

After completion of the course, students will be able to:

- Prepare different samples for necklines, collars, sleeves and be able to attach with basic bodice.
- Develop practical skills relevant to garment construction, etc.

Note:

· At least ten experiments have to be performed in the semester out of which seven experiments should be performed from above list. Remaining three experiments may either be performed from the above list or designed & set by teacher as per the scope of the syllabus.

FTAD-126S LTP

002

TEXTILE DESIGN DEVELOPMENT AND ANALYSIS LAB Total Credit: 2

To give hands on training to students in understanding the fabric formation on looms, the Course Objectives: mechanism involved and as well as developing creativity in designing unique fabric structures along with fabric analysis.

- List of Experiments: 1. Plain weave and its derivatives (Warp rib, West rib)
- 2. Twill Weave Right hand twill and Left hand twill.
- 3. Satin weave
- 4. Sateen weave
- 5. Honey comb Weave
- 6. Huck a back Weave
- 7. Extra Warp and Wen Figuring.
- 8. Fabric analysis

- Craig Huntington, Tensile Fabric Structures: Design Analysis and Construction Suggested Text Books & References:
- John T Andrews, Techniques of till fabricanalysis 1. 2.

Course Outcomes:

After completion of the course, students will be able to:

- Understand mechanism of fabric formation
- Analyze fabrics in terms of constructional parameters and weaves.
- Develop practical skills in creating weave design in fabric manufacturing stages.

e At least ten experiments have to be performed in the semester out of which seven experiments should be performed from above list. Remaining three experiments may either be performed from the above list or designed & set by teacher as per the scope of the syllabus.

FTAD-1275 FASHION SKETCHING

Total Credit: 2

Course Objectives:

- To acquire the skills to use different mediums Pencil, Water color, Poster color.
- To understand the texture of fabric and render it
- To analyze variety of pictures and sketch and render them accordingly
- To understand terminology and be able to identify basic body types.
- Students will be able to determine clothing silhouettes, fabric selection, and design elements appropriate for specific body types.
- They will learn how to sketch a fashion figure in different poses and how to personalize it according to their own style.

List of Experiments:

- 4. Knowledge of drawing equipment and tools

 - Markers and Pencils of different grades (HB,B,2B,4B,6B)
 - Drawing Board
 - Ruler
 - Tape
 - Erasers

 - Different media (charcoal, ink, Water Colour, water proof ink etc.)
- 2. Usage of different dry and wet colour mediums in sketching e.g. shading, filling etc.
- 3. Introducing color rendering for the following: Solids, Prints, Checks, Stripes, Floral, Dots
- 4. Colour and texture rendering: Leather, Crepe, net, tweed, Woollen, Fur, Velvet, Leather, Suede, Chiffon and Lace. etc.
 - 5. Rendering of fabric swatches and fabric drapes using different media colour pencils, marker pens, water colour, poster colours and drawing ink.
 - 6. Lines and line drawings object drawing and perspective view drawings, enlarging and reducing motifs.
 - 7. Sketch drawing of the following: Collars, sleeves, necklines Pleats, ruffles, gathers, tucks, cowls, shirring, smocking, draping, frills and flounces.
 - 8. Basic concept and types of silhouette.
 - 9. Illustrating different type of ornaments and accessories.

Suggested Text Books & References:

1. MaiteLafuente, "Fashion Illustration techniques", Om Publication.

2. Fernandez, "Illustration for Fashion Design 12 Steps to the Fashion Figure", Pearson

3. Perpard, Prakashan, B Abling, "AntomyAnd Drawing", Fairchild.

4. Ireland, "Fashion Design Drawing and Presentation", Batsford.

5. Anne allen, "Fashion Drawing: the basic principle", Om Publication.

Syllabus: B. Voc. (Fashion Technology and Apparel Designing), BPSMV effective

- 6. Mckelvey, Fashion Design, Blackwell
- 7. Irland, Fashion Design Illustration: Children, Batsford
- 8. Irland, Fashion Design & Drawing & Presentation, Batsford

Course Outcomes:

On completion of this module the student should be able to:

- 1. Understand various types of medium and developed your own rendering style
- 2. Analysis fabric texture and render them suitable medium
- 3. Analysis of figure salute, fabric, texture and feel and render them
- 4. Develop own rendering style.
- 5. Develop skill in figure drawing and develop own illustration style.

Note:

At least 10 experiments have to be performed in the semester, out of which at least seven
experiments should be performed from the above list or designed & set as per the scope of
syllabus.

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INTERNSHIP-I

Students will be required to go for training/field survey/internship during summer vacations for Students will be required to go for training friend survey/internship during summer vacations for the duration of at least four weeks. The training may be done from industry/Skill Knowledge (SVR) /Sector Skill Councils (SSCs) / Training Contact (SVR) /Sector Skill Councils (SSCs) the duration of at least four weeks. The training may be done from industry/Skill Knowledge the duration of at least four Skill Councils (SSCs) / Training Centers/Institutes. Student should Providers (SKPs) /Sector Skill completion of the internship for authorizing report after completion of the internship for authorizing report after completion of the internship for authorizing the completion of the internship for authorizin Providers (SKPs) /Sector Skill Councils (GSCs) / Training Centers/Institutes. Student should submit training report after completion of the internship for subsequent presentation during submit training consisting of Internal & External expects with submit training report after completion of the internship for subsequent presentation during evaluation. A team consisting of Internal & External experts will evaluate the Record and evaluation. A team consisting of semester after submission of training training to the Vive Voce at the end of semester after submission of training training training report after completion of the internship for subsequent presentation during evaluation. A team consisting of Internal & External experts will evaluate the Record and evaluation. evaluation. A team consisting of the end of semester after submission of training reports and date to be conduct the Viva Voce at the end of semester after submission of training reports and date to be fixed up by departmental committee.

SEMESTER: III

FTAD-201S TEXTILE AND GARMENT TESTING

LTP

Total Credit: 3

300

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

The students will be able to:

- Familiarize with basics concepts of textile and garment testing.
- Study the Influence of external variables like atmospheric condition, sample biasing and human errors in quality assessment.
- Gain knowledge about fundamental quality aspects of fibre, yarn and fabric.
- Understand about various textile testing instrument and their mechanism

UNIT 1: Introduction to testing, Reasons for testing, standardization, standard atmospheric conditions for testing and its effect on test results. Hygrometry and moisture relations of textiles, Regain and moisture content, factors affecting the regain, methods of measuring regain, equilibrium regain; hysteresis, Effect of moisture on physical properties,.

UNIT 2: Fibre Testing: fineness, Length, Linear density; direct system, indirect system, Yarn Testing: Twist testing, yarn crimp measurement, Yarn strength and Elongation testing Terminology used and factors affecting for tensile testing, Principle and brief concept of CRL and CRE type tensile testing, Fabric strength; strip strength, grab test.

UNIT 3: Fabric Testing: Thickness, GSM, thread density, Bending length, stiffness, Drape, factors influencing, Test related to fabric appearance such as pilling, crease, Serviceability testing parameters such as pilling, snagging, abrasion resistance; factors affecting, method of assessment fabric shrinkage.

UNIT 4: Water repellency, Waterproof: hydro static head test, Flammability testing, Limited Oxygen Index, Measurement of colour fastness (rubbing, washing, perspiration, sublimation, light, chlorine, etc.) properties, Fabric tear strength and bursting strength.

Suggested Text Books & References:

- 1. Saville B P, Physical Testing of Textiles, Woodhead Publishing Ltd, Cambridge, 2002.
- 2. Kothari V. K., Testing and Quality Management, Ed. V. K. Kothari, IAFL Publications,
- 3. Booth J E., Principles of Textile Testing", CBS Publishers and Distributors, New Delhi,
- 4. Gopalakrishnan Angappan P & Komarapalayam R., Textile Testing, SSM Institute of Textile Technology, 2002.

5. Irfan Ahmed sheikh, Pocket textile testing & Quality expert, Irfan publisher

Course Outcomes:

After completion of the course, students will be able to:

Relate the importance, objectives and fundamentals of textile testing

Syllabus: B. Voc. (Fashion Technology and Apparel Designing), BPSMV effective

- Perform proper sampling techniques and procedures for testing.
- Evaluate the influence of fibre and yarn properties influence fabric/garment quality.
- Use analytical skills to assess different quality aspects.
- Develop insight into innovative quality product.

Note:

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

PREPATORY WET PROCESSING

LTP

Total Credit: 3

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100 Course Objectives:

The students will be able to:

- Understand the elementary knowledge and process line for pre-treatment.
- Learn the concept of dyeing of cellulosic, protein and synthetic textiles.
- Gain knowledge of dyeing and processing machinery.

in your by the state of a secondary of the contract of a state of UNIT 1: Elementary knowledge and Process line for pretreatment, dyeing, printing and finishing of textiles, natural and added impurities in grey cotton fabrics.

UNIT 2: Overview of singeing, desizing, scouring operations with their objective, principal and mechanism, their drawbacks and advantages. Introductory idea of machines used in preparatory wel processing.

UNITABLE General introduction to bleaching and mercerization with their objectives, machine used, drawbacks and advantages.

UNITM: Impurities present in wool and silk fabrics and their removal in Pre-treatment processing, laundering, dry cleaning and stain removals of textile.

Suggested text books & references:

- 1. Gold E P G and Vilensky LD, "Textile Science", CBS Publishers.
- 2. Chakarverty J N, "Fundamental and practices in colouration of textiles", Woodhead Publishing India Pvt Ltd, 2008
- Trotman E R, "Textile Scouring and Bleaching", Griffin, 1968.
- 4. Shenai VA, "Technology of Bleaching & Mercerising", Sevak Pub., Mumbai.
- 5. Gulrajani M L, "Chemical Processing of Silk":
- Shenai V A, "Technology of Dyeing", Sevak Pub., Mumbai.
- Trotman E R, "Dyeing and Chemical Technology of Textile Fibres", B.I. Publications Pvt. Ltd.
- 8. Hall David M, Chemical testing of textiles a laboratory manual, Dept of Textile Engineering, Auburn University, 1981

Course Outcomes:

After completion of the course, students will be able to:

- Understand the fundamentals of textile wet processing..
- Develop skills and knowledge in dyeing, printing and finishing with reference to various fibres.

Note: There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

FASHION COMMUNICATION AND SALES PROMOTION

FTAD-203G

Total Credit: 4

40 0 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objective:

The Students will be able to: Students will be all students organization and events.

Understand the fashion language & skills of communication for visualization of garment.

Understand all the phases of the communications process within the fashion industry.

Identify research methodologies of style and the action of publicity strategies in both the new and traditional media.

UNIT 1: Communication, Communication Plan, Ways of Communication, Need for promotion of fashion, Fashion communication, Promotion of fashion communication, Need for the communication process, objectives, barriers and purpose of effective communication. Types of communication- oral, written, gesture, needs and functions. Media and public relation in fashion communication. Fashion Vocabulary.

UNIT 2: Fashion presentation skills, importance of interview, techniques, fashion dialogues, group discussions. Styling, body language and self presentation skills. Communication of the fashion event, Catalogues, Broachers, Layouts for exhibition, Choreography for Ramp walk, Reporting events, Scripting shows, Critics of fashion.

Corporate Communication: Business letter, emails, report writing, Agenda and minutes of the meeting.

UNIT 3: Understanding of web and multimedia design, computer graphics, illustration, product design, exhibition design, visualizing and art direction, typography and photography as communication tools. Styling and its introduction, Introduction to Fashion Journalism, Display and Exhibit design, Fashion Communicative devices in commercial publicity: letter styles, designs, pictorial presentation, slogans, colour variations. Tech Pack, Study of tech pack, Industry Tech pack, relating a spec sheet with garment, making a spec sheet.

UNIT 4: Fashion campaign, Brochure Design, Cover Story, Theme Pavilion at Fairs, Public relation communication effectiveness, formal and informal communication ability, inter personal skills and rapport, Common fashion terminologies across the world.

Fashion Advertising, Objectives and Types of Advertising, Semiotics Study, Fashion Photography, Media Planning. Introduction to visual merchandising, Need of Visual Merchandising, Visual Merchandising: contents and various features and its terminology like foot falls, conversion ratio.

Suggested text books & references:

1. Fashion Advertising & Promotion (Arthur A. Winters & Stanley Goodman) by Fairchild

Styrie Fand 19130

- 2. Visual Merchandising and Fashion (Sarah Bailey, Janathan Baker), by Bloomsbury
- 3. Visual Merchandising and Display(Martin M. Pegler) by Fairchil

Course Outcome: Students will be able to

- Create work in the affiliate stream of Fashion Communication.
- Analyze the plan and develop communication strategies, promote events, and write articles as fashion journalists and learn the basic nuisances of fashion photography.
- •Evaluate and Promote their work through fashion advertising & communication.
- •Enhance knowledge and appreciate visual merchandising.

There will be nine questions in total from all four units. First question is compulsory and set Note: from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

FASHION MARKETING AND MERCHANDISING

Total Credit: 4 FTAD-204G

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objective:

To know about the marketing management, process, marketing concepts. The students will be able to:

- To know about merchandiser and its role in industry. To know about increasional Marketing Environment and modes of entering foreign Market.

 Understand the International Marketing Environment and modes of entering foreign Market.
- Familiarize with the Export Documentation and procedure.
- Understand the functioning and business process of an Export House.

UNIT 1: Organization of the Apparel Business: Introduction to apparel industry - organization of the apparel industry types of exporters Business concepts applied to the apparel industry -International trade.

UNIT 2: Marketing: Functional organization of an apparel firm. Responsibilities of a marketing division - marketing objectives and Strategies - Marketing research - Types of markets: Retails and wholesale strategies for merchandise distribution- retailers - sourcing flows and practices. Marketing plan.Labelling and licensing.

UNITY: Merchandising: Definition of merchandising - functions of merchandising division -Role and responsibilities of a merchandiser - different types of buyers -Communications withthe buyers - awareness of current market trends - product development - line planning line presentation.

UNIT 4: Sourcing: Need for sourcing - sourcing materials - manufacturing resources planning principlesofMRP-Overseassourcing-sourcingstrategies.Supplychainanddemandchain analysis -Materials management for quick response - JITtechnology, Documentation: Order confirmation, various types of export documents, Pre-shipmentPost-shipment documentation, Terms of sale, payment, shipment etc. Export incentives:Duty drawback, DEPB, 1 / E license - exchange control regulation - foreign exchange regulation acts - export management risk - export finance. WTO / GATT / MFA - Functions and objectives, successes and failures.

Suggested text books & references:

- D. Sinha., "Export Planning and Promotion", IIMS, Calcutta (1989). 1.
- Tuhin K. Nandi., "Import Export Finance", IIMS, Calcutta (1989).
- Elaine Stone, Jean A. Samples., "Fashion Merchandising", McGraw Hill Book 2. 3. Company (1985) ISBN: 0 - 07 - 061742 - 2.

S. Shivaramu., - "Export Marketing - A practical guide to Exporters", Wheeler Publishing (1996) ISBN: 81-7544-166-6.

Course Outcomes:

After completion of course, students will be able to:

- Understand Marketing and management functions in fashion sector.
- Understand the role and responsibilities of merchandiser in apparel industry.
- Understand the functioning and business process of an Export House.
- Develop professional skills in Export Documentation and procedure.

There will be nine questions in total from all four units. First question is compulsory and set Note: from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

FTAD-205G PRINCIPLES OF MANAGEMENT

LTP

400

Total Credit: 4

400 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

The student will be able to:

· Understand the science of management.

Understand the basic principles of planning and Decision Making.

Familiarize with various methods of Organising.

Familiarize the students with the process of Directing and Leadership and Leadership

UNIT 1: Introduction to management: Science as well as Art, Management and Administration brief out lines of Management Thoughts, Process of Management-Planning: Nature and Purpose - Steps involved in Planning Objectives - Setting Objectives - Process of Managing by Objectives- Strategies, Policies and Planning Premises- Forecasting - Decision making.

UNIT Nature and Purpose, types of organisation structure, Organising: departmentation by difference, Line and Staff authority, Benefits and Limitations, De-Centralization and Delegation of Authority, Staffing - nature and process, brief concept and role of HRD.

UNIT 3 Directing: Scope - Human Factors - Creativity and Innovation - Leadership-Types of Leadership, styles and qualities of leadership, Motivation: meaning, types, significance and motivational theories.

UNIT 4 Controlling: Management control- concept and process, overview of control techniques (traditional and modern), managing ethics and social responsibility. The Global Environment -Globalisation and Liberalisation, Introduction to RTI act.

Suggested text books & references:

- 1. Robbins, S.P. and Decenzo, D. A., Fundamentals of Management, pearson Education Asia, New Delhi.
- 2. Harold Kooritz and Heinz Weihrich, Essentials of Management, Tata McGraw-Hill, New Delhi,1998
- 3. Joseph L. Massie, Essentials of Management, Prentice Hall of India, Pearson Fourth Edition. New Delhi, 2003.
- 4. Tripathy P.C. and Reddy P.N., Principles of Management, Tata McGraw-Hill, New Delhi,1999.
- 5. Decenzo David and Robbins Stephen A., Personnel and Human Resource Management, Prentice Hall of India, New Delhi, 1996.
- 6. JAF Stomer, Freeman R. E and Daniel R Gilbert, Management, Pearson Education, Sixth Edition; New Delhi, 2004
- 7. Robins and Coulter, Management, PHI, New Delhi.

Course Outcomes:

After completion of the course, students will be able to:

- Implement the process of Managment planning.
- Implement Organising in a enterprise.
- Implement the process of Directing and controlling.

There will be nine questions in total from all four units. First question is compulsory and set Note: from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

FTAD-221S TEXTILE AND GARMENT TESTING LAB

L T P

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Total Credit: 2

Course Objectives:

The students will be able to:

- Know about principle and mechanism of testing equipments.
- Understand precision and error calculation in measurements.
- Have adequate hands on experience of the various textile testing instruments.
- Familiarize with sample preparation techniques and procedures of textile testing.
- Gain understanding of external influencing parameters affecting results.
- · Know report writing and calculation involved.

List of Experiments:

- Determine moisture regains and moisture content of given fibre/yarn or various fabric samples by oven dry method.
- To determine the bending length and flexural rigidity of a given sample with the help of Stiffness
 Tester both in warp and west direction.
- 3. To find crease recovery of a given particular sample of fabric in warp and west direction by measuring the angle of recovery using Crease Recovery Tester. Observe effect of loading time and recovery time on crease recovery.
- 4. To assess and find the drape coefficient of a fabric. Factor affecting drape of a fabric.
- 5. To determine the GSM of various kind of factors. Factor affecting GSM of a fabric.
- 6. To find out the strength of a given fabric in warp and west direction using Tensile Strength Tester, taking three different strip sizes and see the effect of strip length on fabric strength.
- 7. To find out thickness of various fabric samples using Cloth Thickness Tester under a specific pressure.
- 8. Determination of linear density of yarns from package.
- 9. To find out fabric construction details of given fabric samples.
- 10. To find out the T.P.I of single/double yarn at various gauge length.
- 11. To find out the tearing strength of the fabric samples and factor influencing.

Suggested Text Books & References:

- 1. Saville B P, Physical Testing of Textiles, Woodhead Publishing Ltd, Cambridge, 2002.
- 2. Kothari V. K., Testing and Quality Management, Ed. V. K. Kothari, IAFL Publications,
- Booth J E., Principles of Textile Testing", CBS Publishers and Distributors, New Delhi,
 Gopalakrishnan Angappan P & Komarapalayam R., Textile Testing, SSM Institute of Textile Technology, 2002
- 5. Irfan Ahmed sheikh, Pocket textile testing & Quality expert, Irfan publisher

Course Outcomes:

After completion of the course, students will be able to:

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- Perform proper sampling techniques and procedures for testing.
- Evaluate the influence of fibre and yarn parameters on fabric/garment quality.
- · Develop analytical skills to assess different quality aspects.
- · Develop insight into innovative quality product.

Note:

At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

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Syllabus: B. Voc. (Fashion Technology and Apparel Designing), BPSMV effective TEXTILE PREPATORY PROCESSING LAB FTAD-222S Total Credit: 3

0.3

Course Objectives:

e students will be able to.

Familiar with the application of desizing, scouring, bleaching and mercerizing of cotton The students will be able to: appears to the first on a contract of the first of the first of the first of the second of the secon

Perform hands on experience for pretreatment of wool, silk and jute fabrics.

1. Desizing of cotton and determination of desizing efficiency. List of Experiments:

2. Scouring of cotton

3. Bleaching of cotton

4. Mercerization of cotton.

- 5. Prementment of protein fibres like wool, silk etc.
- 6. Pretroument of jute fibres.
- 7. Hydrolysis of polyester fabric.

Suggested text books & references:

I. Gohl E P G and Vilensky LD, "Textile Science", CBS Publishers.

2. Chakarverty J N, "Fundamental and practices in colouration of textiles", Woodhead Publishing India Pvt Ltd, 2008

3. Trotman E R, "Textile Scouring and Bleaching", Griffin, 1968.

4. Shenai VA, "Technology of Bleaching & Mercerising", Sevak Pub., Mumbai.

5. Guirajani M L, "Chemical Processing of Silk".

6. Shenai V A, "Technology of Dyeing", Sevak Pub., Mumbai.

- 7. Trounan E.R., "Dyeing and Chemical Technology of Textile Fibres", B.I. Publications Pvt. Ltd.
- 8. Hall David M, Chemical testing of textiles: a laboratory manual, Dept of Textile Engineering, Auburn University, 1981

Course outcomes:

After completion of the course, students will be able to:

- Apply the practical exposure of textile processing techniques in clothing material.
- Evaluate different wet preparatory and dyeing processes of: wool, cotton and silk.

Note:

Af least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus

FTAD-223S FASHION ILLUSTRATION

0 3

Total Credit: 3

Course Objectives:

- To acquire the skills to use different mediums Pencil, Water color, Poster color.
- To understand the texture of fabric and render it
- To analyze variety of pictures and sketch and render them accordingly
- To understand terminology and be able to identify basic body types.
- Students will be able to determine clothing silhouettes, fabric selection, and design elements appropriate for specific body types.
- Students will learn how to sketch a fashion figure in different poses and how to personalize it according to their own style.

List of Experiments:

- Body rigures and features- Face- eyes, nose, lips, ears, arms and legs, feet, hand.
- 3. Stick figures and Flashing of the fashion figure in different views. Movement figuresprinciples to form a movement figure, sketching of the movement figures in various postures/body positions.
- 4. Fashion illustrations 8 head, 10 head, 12 head figures standing, moving and Drawing
- 5. Illustrating Women in Front view, Back view, Side view and 3/4th view adopting the
- 6. Illustrating Men in Front view, Back view, Side view and 3/4th view adopting the head
- 7. Illustrating children Boy and girl in Front view, Back view and Side view adopting the head theories.
- 8. Converting photographic poses from magazines into fashion illustration -- stylized figures
- 9. Sourcing the fabric for the designed outfits and collection of swatches.
- 10. Maintaining a scrapbook.
- 11. Draping figures in casual wear, formal wear, ethnic wear, active wear, swim wear and rendering the dresses in different colours and textures along with suitable accessories.

Suggested Text Books & References:

- 1. MaiteLafuente, "Fashion Illustration techniques", Om Publication.
- 2. Fernandez, "Illustration for Fashion Design 12 Steps to the Fashion Figure", Pearson.
- 3. Perpard, Prakasnan, B Abling, "AntomyAnd Drawing", Fairchild.
- 4. Ireland "Fashion Design Drawing and Presentation", Batsford.
- 5. Anne allen, "Fashion Drawing: the basic principle", Om Publication.
- 6. Mckelvey, Fashion Design, Blackwell
- 7. Irland, Fashion Design Illustration: Children, Batsford
- 8. Irland, Fashion Design & Drawing & Presentation, Batsford

Course Outcomes:
On completion of this module the student should be able to:

- 1. Understand various types of medium and developed your own rendering style Understand various types of the developed your
 Analysis fabric texture and render them suitable medium
- Analysis fabric texture and feel and feel and render them
 Analysis of figure salute, fabric, texture and feel and render them
- 4. Develop own rendering style. Develop own rendering 33/3.
 Develop skill in figure drawing and develop own illustration style.

Note:

• At least 10 experiments have to be performed in the semester, out of which at least seven At least to experiments should be performed from the above list or designed & set as per the scope of syllabus.

FTAD-223S GARMENT CONSTRUCTION-II

LTP

0 0 4

Total Credit: 4

Course Objectives:

The students will be able to:

- · Acquire skills on construction of kids garments
- Develop designing and drafting skills in apparel construction.
- Assess quantity and cost of materials required.

List of Experiments:

1. Bib- Variation in outline shape

2. Jabla- without sleeve, front open (or) Magyar sleeve, back opens

3. Baba suit- knicker with chest piece attached (or) Romper

4. Summer frock- with suspenders at shoulder line, without sleeve/collars(or) Angel top with raglan sleeve, fullness at neck line

5. Yokefrock-yokeatchestline, withopen, puffsleeve, gatheredskirt, frock-withcollar, sleeve, gathered/circular skirt at waist line(or) Princess linefrock

- 6. Knicker- elastic waist, side pockets
- 7. Shirt-open collar, with pocket.

Suggested Text Books & References:

1. Peg Couch, Garment Construction: A Complete Course on Designing and Making Clothing for Fit and Fashion (Illustrated Guide to Sewing)

2. Sarah Veblen, The Complete Photo Guide to Perfect Fitting

3. Alison Smith, The Sewing Book (Dk)

Course Outcomes:

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

- Create patterns of different kid's wear.
- · Construct different garment-for children.
- Develop designing and drafting skills in apparel construction.
- Assess quantity and cost of materials required.

Note:

• At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

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SEMESTER-IV

FASHIONACCESSORIES

FTAD-206

Total Credit:3

LTP

3 0 0 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

To impart knowledge of fashion accessories and different aspects involved.

To impair knowled.

To understand the art of accessory designing so that they can complement their garment designs with appropriate accessories.

To develop the skills and techniques of accessory designing and appreciate its commercial

To familiarize the students with various materials used in making jewelry

UNIT 1: Fashion accessories- Introduction, definition. History, Classification. Usage of different raw material such as leather, fur, beads, metal etc. Introduction to trims and accessories used in Fashion industry.

UNIT 2: Leather: types of leathers, their properties and end use. Processing of leather, fashion leather terminology, care of leather. Artificial leather: types, material and application.

UNIT 3: Use of components and trims: Labels and motifs, linings, interlinings, wadding, lace. braid, elastic, hook and loop fastening, shoulder pads, eyelets and laces, zip fasteners, buttons, metallic fasteners.

UNIT 4 Jewelry designing-Different metals and stones, different types of stone cutting, etc and stone setting. Brief production techniques such as fusing, soldering, cutting. Different styles ofjewelry.

Suggested Text Books & References:

- 1. Meadows Celia Stall, Know your Fashion Accessories, Fairchild books, 2003.
- 2. Tyler, "Carr and Latham"s Technology of Clothing Manufacturing" Blackwell, Scientific Publications, 1988.
- 3. Diamond Ellen and Diamond Jay, Fashion Apparel & Accessories and Home Furnishing, Pearsons Prentice Hall, NJ,2007.

Course Outcomes: After completion of the course, students will be able to:

- Develop the skills of accessory illustration and visual merchandising.
- Develop the skills and techniques of accessory designing and appreciate its commercial values.
- To utilize various materials in creating accessories and jewelry as per garment design.

Note: At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of

FTAD-207S

TEXTILE DYEING

LTP 300

Total Credit:3

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100 Course Objectives: The students will be able to:

- Understand the clementary knowledge and process line for pre-treatment.
- Learn the concept of dyeing of cellulosic, protein and synthetic textiles.
- Gain knowledge of dyeing and processing machinery.
- Develop skills for application of dyes on fabric and garments.

UNIT 1: Introduction of dyes and pigments. Classification of dyes. General concept of dyeing and dyeing machines. Measurement of colour and colour fastness of dyed fabric.

UNIT 2:Introductory idea of dyeing of cellulosic fibres with suitable dyes (overview). Dyeing of denim using Indigo dye.

UNID Dyeing concept of textile materials based on protein (silk and wool) fibres.

UNITA: Dyeing concept of synthetic textile materials such as Polyester, Nylon, etc (overview). Introductory idea of machines used in dyeing operation.

Suggested text books & references:

1. Gohl E P G and Vilensky LD, "Textile Science", CBSPublishers.

2. Chakarverty J N, "Fundamental and practices in colouration of textiles", Woodhead Publishing India Pvt Ltd, 2008

3. Troman E.R. "Textile Scouring and Bleaching", Griffin, 1963.

4. Shenai VA, "Technology of Bleaching & Mercerising", SevakPub., Mumbai.

5. Gulraismi M L, "Chemical Processing of Silk".

6. Shenai V A, "Technologyof Dyeing", SevakPub., Mumbai.

7. Trotman E R, "Dyeing and Chemical Technology of Textile Fibres", B.I. Publications

8. Hall David M, Chemical testing oftextiles: a laboratory manual, DeptofTextileEngineering, Auburn University, 1981

Course Outcomes: After completion of the course, students will be able to:

Understand the fundamentals of textile colouration and pre-treatments.

Analyse the textile dyes and techniques for different fibres.

Apply dyes on fabric and garments.

Develop the sample of denim using indigo dye.

Note: At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

HISTORY OF COSTUME

Total Credit:3

300
Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100
Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

TURSIFOBJECTIVES.

To familiarize the students with vocabulary, the concepts, and the fashion theories related to the familiarize of clothing. COURSE OBJECTIVES:

to the history of the ability to recognize and anticipate fashion trends and their implications. To develop the ability to recognize and anticipate fashion trends and their implications.

UNIT 1: Origin of clothing. Objectives of costumes, main archetypes of costumes. Principles of UNIT 1: Origin of clothing-Protection, adornment, modesty & combined need clothing and fashion. Theories of clothing-Protection, adornment, modesty & combined need theory,etc.

UNIT 2: Traditional Costumes of India and its significance towards culture such as Jammu and Kashmir, Haryana, Punjab, Rajasthan, West Bengal, etc.

UNIT 3. Prehistoric costume- Concept and comparison of all stages as Paleolithic, Neolithic etc. Study of Costames, jewsley, footwear, hairstyles, etc. in India in different periods as-Vedic and possivedic period, Incus Valley civilization, Mauryan and SungaPeriod, Kushan Period, Gandhara Period, Gupta Period.

UNIT de Women sand Men's Costumes-dresses, jewelry, hairstyles, footwear, etcin Medieval period - Mughal Period, Rajput period, etc.

Suggested text books & references:

- 1. A History of Fine Arts in India and the West / Edith Temory/OrientLongman
- 2 Franco's Boucher. 20,000 Years of Fashion the History of Costume and Personal Adornment
- 3. DK Fashion: The Definitive History of Costume and Style.
- 4. CellyBlackman, 100 Years of Fashion
- 5. Kyoto Costume Institute, Fashion: A History from the 18th to the 20th Century.

Course Outcomes: Students will be able to:

- o Identify historical periods of clothing and describe how the themes of politics, morality, social issues, the economy, technology, culture, and geography impact society and influence fashion development.
- Understand and discuss the fabric, style, color, and fashion terminology used to identify characteristics of fashions of the past and present.
- Analyze fashion trends recurring throughout the world's fashion cycles.
- Compare contemporary designs manufactured in today's apparel industry with their classic style counterparts of past centuries, and predict or evaluate trends.
- Identify historic fashion details reflected in the fashion designs of current designer's. Note:

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-209G FASHION FORECASTING

LTP

Total Credit:3

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100 Course Objectives:

- To understand the relevance of fashion forecast in the Fashion Business
- To understand the prevalence of fashion forecasting in Indian markets
- To comprehend fashion forecasting as a tool to understand consumer behavior.

Fashion Forecasting Process: Introduction to Fashion, Fashion Trends, Fashion Forecasting, Forecasting in Apparel Planning and Scheduling. Fashion Movement; Theories of Fashion Change. Color Forecasting: Dimensions of the Color Story; Color, in Marketing; Consumers and the Psychology of Color; the Language of Color; Color Names; Forecasting with Color Cycles; Color Research; Sources for Color Ideas and Palettes.

UNIT 2: Fashion in Fiber and Fabric; Sources of Innovation in Textile Development; Fabric Fairs and Trade Shows; Fabric Libraries. The Fashion Geography; Collections on the Runway; Different Designers with the Same Design Concept.

UNIT 3: Fashion Brands; Retail Formats: Emergence of Catalogs, TV Shopping and Online Shopping; Relational Marketing; Demographics: Geodemographics, Demographics and Preferences; Preferences with Ethnicity, Gender and Income.

UNIT 4: Sale Forecasting: Real Time Marketing; Sales Forecasting Basics; Sales Forecasting Methods; Sales Forecasting in Context. Presenting the Forecast: Presentation Design as a Creative Process; Transforming Data into Information and Knowledge; Trend Reporting; Trend Map; Presentation Techniques.

Suggested text books & references:

1. Fashion buying, Helen Goworek, Wiley-Blackwell.

2. Fashion art for the Fashion Industry, Rita Gersten, FairchildBooks.

3. Fashion Forecasting: a Mystery or a Method? Rita Perna, Images Publishing Group

4. The Fashion Design Manual, Pamela Stecker, MacmillanEducation

Course outcomes: The students will be able to:

- To apply the relevance of fashion forecast in the Fashion Business.
- To comprehend fashion forecasting as a tool to understand consumer behavior.
- Evaluate a brand's sales model and target customer.
- · Gain an understanding of how a brand will research trends for its target customer.
- · Practice predicting colour palettes from emerging trends,

Note:

· There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

EXPORT PROCEDURE AND DOCUMENTATION FTAD-210G

LTP

Total Credit: 3

3 0 0 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100 300

Course Objectives: The students will be able to:

• Familiarise with the export Documentation process.

• Familiarise with dispersion of Pamiliarise with dispersion of Indian Business Environment.

• Familiarise with different types of Credits and their role in Business.

- · Create understanding about various Economic Reforms.
- Create understanding

 Create understanding

 Familiarise with Public enterprise reforms and Disinvestments programmes

UNIT 1: Meaning and Definition of Export - Classification - Strategy and Preparation for Export Marketing - Export Marketing Organizations - Registration Formalities - IEC - RCMC - Export Licensing - Selection of Export Product - Identification of Markets - Methods of Exporting - Pricing Quotations - Payment Terms - Letter of Credit.

UNIT 2: Aligned Documentation System - Commercial Invoice - Shipping Bill - Certificate of Origin -Liberalization of Imports - NegativeList for Imports - Categories of Importers - Special Schemes for Importers Consular Invoice - Mate's Receipt - Bill of Lading - GR Form - ISO 9000.

UNIT 3: Procedure for obtaining ISO 9000. - BIS 14000 Certification - Types of Marine Insurance Policies Import Documents - Transport Documents - Bill to Entry - Certificate of Inspection - Certificate of Measurements - Freight Declaration. Steps in Export Procedure - Export Contract - Forward Cover -Export Finance -- Institutional framework for Export Finance -- Excise Clearance.

UNIT 4: Pre-shipment Inspection - Methods of Pre- shipment Inspection - Marine Insurance - Role of Clearing and Forwarding Agents - Shipping and Customs Formalities - Customs EDI System -Negotiation of Documents - Realization of Exports Proceeds. Import Procedure - Steps in Import Procedure - Legal Dimensions of Import Procedure - Customs Formalities for Imports - Warehousing of Imported goods - Exchange Control Provisions for Imports - Retirement of Export Documents.

Suggested text books & references:

- 1. Handbook of Import-Export Procedures Ministry of Commerce, -, Government of India, NewDelhi
- 2. Export: What, Where and How, Paras Ram, Anupam Publishers, Delhi
- 3. Exports Do it Yourself, MahajanM.I., Snow White Publications, NewDelhi
- 4. Import Do it Yourself, M. I. Mahajan, Snow White Publications, NewDelhi

5. Export Marketing, TAS Balagopal, Himalaya PublishingHouse

6. Export Documentation and Procedures, , Nabhi Publications, NewDelhi In-Chards

Muguhm iman Bounhart ugiliging. Course Outcomes: After the completion of course, the students will be able to:

Implement the export documentation process.

Analyse the Determinants of Indian Business Environment.

Use about different types of Credits and their role in Business

Relate and analyse various Economic Reforms and Disinvestments programmes

Note:

e There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-211G

HUMAN RESOURCE MANAGEMENT AND IPR

LTP

300

Total Credit:3

300 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

The students will be able to:

- Gain knowledge on managing Human Resource.
- Understand the work force at the managerial and non-managerial levels.
- Familiarize with new trends and skills required for Planning, managing and development of human resources for organizational effectiveness.
- Develop entrepreneurship skills in participants by preparing them for the competencies required and to have basic knowledge of intellectual property rights.
- Learn the concepts of Management, Entrepreneurship and Intellectual Property Rights

Unit 1

Concept of HRM, Difference between HRM and HRD, Personnel Management, Human resource planning, Job Analysis: Meaning and Importance; Processes of Job Analysis. Job Descriptions and Job Specifications, person analysis, Difference between Personnel management and HRM.

Role of HR Manager: Recruitments, selection, carrier planning and management, promotion, training and development, appraising performance, motivation and motivational theories, role of HRD in improving effectives of firm, work system ; work planning and role analysis, work review and feedback, potential appraisal, 360 degree appraisal, team appraisal.

Introduction to Intellectual property rights and their importance. Applications of IPR in textile and fashion industries. Copyright: definition, types of works that are covered by copyright, rights protected by copyrights-economic rights, moral rights. Right of reproduction:-right of public performance, broadcasting and communication to the public. Right of translation and adaptation.

Trademarks: introduction, signs that may serve as trademarks, Madrid agreement, geographic indications. Industrial design: introduction, differentiate between industrial design, trademark and patent. Procedure for protection of Industrial design. Patents: purpose, need of patent, required condition for patentability. Limitation and advantages of patenting. Unfair competition.

Suggested Text Books & References

- 1. Holloway, J. Ed. Performance Measurement and Evaluation, New Delhi, Sage, 1995.
- 2. Stone, Lloyed and Leslie W. Rue, Human Resource an Personnel Management, Richard D. Trwin, Illinois, 1984
- 3. Aswathappa, K., Human Resource and Personnel Management, TataMcGraw Hill, New

Course Outcomes:

After completion of the course, students will be able to:

- Apply managerial skills for success of entrepreneurial/business venture and fundamentals of human resource management.
- Analyse the use and types of intellectual property rights.
- Evaluate obstacles to change management and make suitable strategy to remove them.
- Analyse the stepped and radical changes in the organization.
- Develop and manage new project/Start-up.

Note:

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-225S FASHION ACCESSORIES LAB

LTP 0 02

Total Credit: 2

Course Objective: The students will be to inculcate creative skills in designing and construction of various types of fashion accessories.

List of experiments

- Sketching and rendering of headgear, foot wear and hand bags, belts, gloves and their construction.
- Sketching of accessories on women.
- Designing and construction of accessories- hats, belts, bags, footwear's and hairaccessories. Jewelry designing based on theme. Shootogy and appared Dostriain)

Suggested Text Books & References:

- 1. Fashion Accessories by OlivierGerval.
- 2. Drawing fashion accessories by Steven Thomas Miller
- 3. Handbag designer by EmilyBlumenthal
- 4. Designing fashion accessories by Schiffer

Course Outcomes: At the end of the course, students will be able to:

- Design and develop different type of fashion accessories.
- Appreciate the use of various wasted material in recreating fashion accessories

Note: At least 10 experiments/Accessories have to be performed/created in the semester, out of which at least seven experiments should be performed from the above list or designed & set as

FTAD-225S

TEXTILE DYEING LAB

L T P 002 **Total Credit:2**

Course Objectives: The students will be able to:

- · Familiar with the application of dyeing on various materials.
- Do hands on experience on Tie and Dye
- · Gain knowledge about computer colour matching

Experiments:

- Dyeing of cellulosics textiles by suitabledyes
- Dyeing of proteineous textiles by aciddyes.
- e Dyeing of Polyester with dispersedye. To me and Appared Detail
- · Tie &dyeing.
- · Computer colourmatching

Suggested text books & references:

1. Gohl E P G and Vilensky LD, "Textile Science". CBSPublishers.

2. Chakarverty J N, "Fundamental and practices in colouration of textiles", Woodhead Publishing India Pvt Ltd, 2008

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3. Trotman E R, "Textile Scouring and Bleaching", Griffin, 1968.

4. Shenai VA, "Technology of Bleaching & Mercerising", SevakPub., Mumbai.

5. Guirajani M L, "Chemical Processing of Silk".

6. Shenai V A, "Technologyof Dyeing", SevakPub., Mumbai.

- 7. Tretman E R, "Dyeing and Chemical Technology of Textile Fibres", B.I. Publications Pvt.Ltd.
- 8. Hall David M, Chemical testing oftextiles: a laboratory manual, DeptofTextile Engineering, Auburn University, 1981

Course outcomes: After completion of the course, students will be able to:

- Apply the practical exposure of textile processing techniques on clothing material.
- Use knowledge of dyes on cellulosic, protein and synthetic fabrics.
- Able to create different fabric samples with different dyes
- Analyze the dyeing affinity with textile fabrics.

Note:

• At least 10 experiments have to be completed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

Page 52

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CAD LAB-I

FTAD-2278

Total Credit:2

Course Objective:

To impart an understanding about the fundamentals, principles and application of CAD.

To impart an understaining to students on Photoshop and Corel Draw software's and their use in Fashion Designing field.

Fashion Designing its development, logo designing, making fashion illustration and designing.

To learn about print development, logo designing, making fashion illustration and designing with the help of softwares.

• To be familiar with various graphics approaches using design software.

• To have adequate exposure of photoshop software for designing and modification in designs.

List of experiments to be performed:

- Introduction to CorelDraw: Introduction to Vector and Raster Graphics Type. Starting CorelDraw, Introduction to Corel Draw Menu, Introduction to Corel Draw page Setup. Introduction to various tools of Corel Draw.
- Creating rectangles, squares, Circles, Ellipses, Polygons, Starts and Spirals

Selecting Fill and Cutlines to any shape.

Moving & Rotating Shapes freely and to Fixed angles.

Working with Drawing Curve and Straight Lines, Creating Simple and Artistic Texts.

Working with Formatting Texts by changing Font, Size and Shape of Text.

Rotating texts, Assigning a Fill, grouping objects.

Special effects

- Drawing of fashion accessories using Corel draw.
- Drawing of Block Figure and different views using Corel draw.
- Drawing of Fleshing Figure (Croqui) by using Corel draw.
- Creating Textile Print by using Coral Draw.

Draping the Fashion details on fashion figure.

- Design a garment for Children/men/women. (any approx 6 design by using theme) like Casual Wear, Formal Wear, Western Wear, Ethnic Wear, Street Wear etc.
- Photoshop including 2D and 3D graphic design, other design software (textile and

Practical exposure on Adobe Photoshop.

Different transformation features implementation.

Designing the magazine cover page

Cloning using Photoshop.

Blending of different layers of images using Photoshop.

Creating a mood board using Photoshop.

Suggested Text Books & References:

1. CAD for Fashion Design by Renee-Weiss Chase, Frentice hall Pub.

2. CAD/CAM Computer Aided Design & Manufacturing by Mikell P Groover&MoryW Zimmers. Jr, Pearson Education Pub.2000

- CAD/CAM/CIM by R.Radhakrishnan, S.subramanyan, V.Raju, New AgeInternational
- 4. Fashion Design on Computers By M.kathleenColursy, Prentice Hall.2004
- 5. Winfred Aldrich, CAD in Clothing & Textiles, Blackwell Science, 1994.
- 6. Adobe Photoshop and Textile Designl By Frederich L Chipkin
- 7. Beazley & Bond, Computer Aided Pattern Design & Product Development, Blackwell.
- 8. Mikcle P Groover, Emory W. Zimmers Jr., Computer Aided Design & Manufacturing.
- 9. Andeies Van Da Shvan K Feiner and John F Hughes, Computer Graphics Principles & Practices, Second Edition, James D Foley, George Omura, Mastering AUTOCAD 2004 & AUTOCAD LT 2004, Donald Mea, Computer Graphics, M & M Pauline Baker

Course Outcomes:

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

- Apply tools and techniques in creating basic shapes, figures using Corel Draw.
- Develop garment designing by using CAD softwares.
- Appreciate and acquire skills of Photoshop in Fashion.
- To utilize the software in apparel industry

Note:

• At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

LTP 002

To train the students in construction of different types of garments. Course objectives:

To hand on different type of pleats, pockets, darts.

Designing, drafting and constructing the following garments for the features prescribed - List Designing, draining and Materials suitable - Calculate the cost of the garment Calculate the Measurements required and Method and Direct Measurements required - Layout Method and Direct Measurements. the Measurements Act Layout Method and Direct Measurements Method. the material required - Layout Method and Direct Measurements Method.

Petticoat- Six Panel, Decorated bottom. Skirts- Circular/umbrella/panel with style List of experiment Petticoal- Blouse- front open, Fashioned neck, Waist band at front, with sleeve, Saree.

Variations. Brown, Salvar (or) Churidhar (or) Parallels (or) Bell Bottom. Kameez – with /without slit, with or without flare, with /without opening, with or without panels, with /without yoke.

Nighte -With yoke, front open, with sleeve, full length. Ladies pant- waist band, zip uttached, tight fitting / parallel pants. Short kurta/ top - Decorative / surface design in tailored placket, with or without collar.

• First sleeve shirt - full open, shirt collar, patch pocket, full sleeve with cuff. Kalidar kurta -kali piece, side pocket, round neck, half open. Pyjama- Elastic /Tape attached waist.

Pleated trousers - pleats in front, Darts at back, side pocket, fly with button /zip.

Exercise: T- Shirt -open collar, zip attached.

Course outcomes: After completion of this course, the students will be able to

To construct different types of garments.

Develop skills in stitching different type of pleats, pockets, darts.

Know operation breakdown for different styles of garments.

Note:

• At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

INTERNSHIP-II

FTAD-229S

Total Credit:4

Students will be required to go for training/field survey/internship during summer vacations for the duration of at least four weeks. The training may be done from industry/Skill Knowledge Providers (SKPs) /Sector Skill Councils (SSCs) / Training Centers/Institutes. student were supposed to carry out extensive practical training. Students are required to submit training report and present their knowledge acquired during training and supplement with various samples of apparels, fabrics, yarn, accessories, etc. A team consisting of Internal & External experts will evaluate the Record and conduct the Viva Voce at the end of semester after submission of training reports and date to be fixed up by departmental committee.

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SEMESTER-V

FTAD-301S

HOME FASHION

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TotalCredit:3

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives: The students will be able to:

- Acquire knowledge on various home fashion product range, their properties, designing aspect and applications.
- Understand the role and responsibilities of Interior decorators and Interior designers.
- Familiarize the students with Recent developments in furnishing, floor covering and other home textile product.

Unit 1: Introduction to Home Fashion, interior Product Classifications; Widely used interior fabrics, Decorative fabrics; home fabrics, Soft floor coverings, Residential and commercial interior, Interior decorators and Interior designers,

Unit 2: Upholstery fabrics; their properties, standard performance specifications for woven upholstery fabrics, upholstery fabrics in use-application terms, upholstery fabric on furniture Various compliance required for home furnishing material such as flame resistance, sustainability, etc. Filling and padding of upholstered furniture, care and maintenance.

Unit 3: Carpets: manufacturing methods, Woven Vs tufted carpet, types of carpet piles, carpet construction terms, fibres, yarns, dyeing, printing, and finishing for carpets, carpet underlay, carpet flammability, carpet soiling, carpet maintenance, methods of cleaning, factor influencing carpet quality.

Unit 4: Window fabrics- role of fibre properties, yarn and fabric construction, dyes and print on window fabrics, fabric finishing for window fabrics, Wall and Ceiling coverings, manufactured products, Bedding products; sheets, pillowcases, blankets, bedspread, quilts and comforters, mattresses, various products requires in Hospitality Industry.

Suggested Text Books & References:

- 1. Billie J. Collier, Martin Bide & Phyllis G. Tortora, Understanding Textiles, Publisher; Pearson, Prentice Hall Publication Ltd, Seventh edition, , Cambridge, 2000
- 2. NavneetKaur, Comdex Fashion Design; Fashion Concepts: Vol-I, Dreamtech press, 2010.
- 3. N.Gokarneshan, Fabric structure and design, New AgePublishers.
- 4. Groscicki Z J, "Watson Textile Design and Colour", Newnes Buttersworth.

5. Diamond Ellen and Diamond Jay, Fashion Apparel & Accessories and Home Furnishing, Pearsons Prentice Hall, NJ, 2007.

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Course Outcomes: After completion of the course, students will be able to:

Acquire basic understanding of various Interior Products.

Know roles and responsibilities of interior designer and decorators.

Evaluate quality of interior product range that includes upholstery, soft floor covering, Window fabrics, Bath and bedding products.

Evaluate the production method of different types of home textile products

Note:

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each witter and

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TEXTILE PRINTING

TTAD-302S

Total Credit:3

300 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objective: The students will be able to: Understand fundamentals, methods and styles of printing.

- Understand and printing to different raw materials

UNITE Princing-differences between printing and dyeing, preparation of fabric for printing-introduction to printing and silk methods of printing introductiontoprincing, wool and silk, methods of printing, preparation of printing paste, cotton, linen, polyester, wool and silk, methods of printing, preparation of printing paste, selection of thickening agents. A propose sound and radial as as and

UNIT 3: Direct printing: Block printing - Brief History, Preparation of design, Blocks, table, UNIT 2: Direct printing process Stencil printing Brief history, preparation of fabric; stencils print paste and printing process Stencil printing Brief history, preparation of fabric; stencils (For one or more colour) Materials used for preparing stencils, process involved and techniques used.

UNIT 3 Screen printing - brief history, Flat screen and Rotary screen printing, Preparation of screen print paste, screen printing process, Discharge printing- chemicals used, process involved.

UNIT 4: Resist printing: Brief history, Batik printing wax used, Equipments required, process sequence and techniques used. Tie and dye - Brief history, Equipments required, process sequence and techniques used. Other printing methods: Ink jet printing, Heat transfer printing, photo printing.

Suggested Text Books & References:

- 1. Textiles Ninth edition, SaraJ Radolphand Anna L Langford, Prentice hall, New Jersey (2002).
- 2 Textileprocessing-JLSmith, Abhishekpublications, Chandigarh (2003).
- 3. TextileChemistry-PetersRH, Voll, &II, TextileInstituteManchester(1970)
- 4. BeginnersGuidetofabricdyeingandprinting-Stuart&Robinson. Technicalbooks. London (1982).
- 5. Thickening agents and Emulsion thickenings intextile printing—Herbert Barthm, New Delhi (1994).

Course Outcomes: At the end of the course, students will be able to:

- · Learn application of different printing pastes on textiles.
- · Develop the skills of various printing methods and printing technology Depart

Note:

· There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-303G

TEXTILE AND APPAREL COSTING

LTP

Total Credit: 4

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives:

- To impart knowledge about general cost concepts
- To familiarize students with Costing techniques and different terms used in apparel
- Assessment of costing of yarn, fabric and garment.

UNIT -1: General Cost Concept: Classification of cost (Fixed, Variable, Semi-variable and Total Cost), Cost elements (direct, indirect), planning and storage of materials, pricing and control of

UNIT -2: Over head costs: Classification and accumulation, allocating service department costs, distribution and absorption, Methods of costing: Single or output costing, job order cost system,

UNIT -3: Cost control techniques: standard costing, Cost control and cost reduction, Costing in introduction to other methods of costing. textile industry: Cost structure, raw material cost, labor cost and other expenses, Yarn realization, determination of cost per kg of yarn, per meter of fabric.

UNIT -4: Cost of dyeing/printing per meter fabric, Value loss, selling price decision of fabric, costing in apparel industry: Raw material cost, labor cost and other expenses, Cost analysis of different garments with example.

Suggested text books & references:

- 1. Chuter A J, "Introduction to Clothing Production Management", Blackwell.
- ? Rajesh Bheda, "Production Management in Apparel Industry".
- 3. Rajesh Bheda, "Managing Productivity in Apparel Industry", C.B.S. Pub.
- 4. Sidney Packard, "Fashion Buying & Merchandising", Fairchild.
- 5. B.M.L. Nigam, G.L. Sharma, "Advanced cost accounting", Himalaya Publishing House, Delhi, 2007.
- 6. Holmes, G. and Sugden, A., Interpreting Company Reports and Accounts, Woodhead-Faulkner, 1999.

Course Outcomes: At the end of the course, students will be able to:

- Acquire knowledge about General Cost Concepts and Cost components
- Apply different costing techniques, cost control measures and different types of costing techniques.
- Assess costing of yarn, fabric and garment.

Note:

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

PRODUCTION PLANNING AND CONTROL

FTAD-304G

Total Credit:4

4 00 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

To Impart knowledge of Production, planning and control in apparel industry Course Objectives:

To Impart knowledge aspect of work study and time study procedure

Unit 1: Introduction to production, operation concept of production, production as the Unit 1. Induction productivity component of production. Production planning and Control, its objectives, function, organization of (PPC) department.

Unit 2: Production planning - order preparation, material planning process planning, loading and scheduling. Production control of dispatching, progressing and follow-up. Method study - basic procedure of method study. Work measurement – uses of work measurement, data, basic procedure of work measurement, definition and scope of motion and time study.

Unit 3: Time study: Time study procedure, illustrative examples on computation of standard time. Motion and time study: data for sewing work study, improvement of production efficiency, improvement in thought pattern of an operator, evolution of PMTS,

Unit 4: General sewing data system, method engineering, production analysis (qualitative and quantitative). Co-coordination of activities. Layering and marker planning, Cutting room planning, planning of sewing room. Material management in clothing production. Quick response in apparel manufacturing, different production systems.

Suggested Text Books & References:

- michal Reduct Conspet lide Jana la la 1. Chuter A J,"Introduction to Clothing Production Management", Blackwell.
- 4. Mehta V P, Managing Quality in Apparel Industry, New Age International

 Course Outcomes: At the and active of the activ

- Understand different types of production systems, production planning and control measures.
- Apply the skills of Work and method study for production planning and control and their efficient applications in apparel industry.

Note:

• There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

FTAD-305G

ENTREPRENEURSHIP DEVELOPMENT

LTP

Total Credit:4

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100

Course Objectives: To develop and strengthen entrepreneurial quality and motivation in students and to impart basic entrepreneurial skills and understanding to run a business efficiently and effectively.

UNIT 1:Introduction: Overview of Entrepreneurship: Concept of Entrepreneurship and Entrepreneur, Qualities and skills of an Entrepreneur, Intrapreneurs, Types of Entrepreneurs, Factors influencing Entrepreneurship; Role of entrepreneurs in economic development

UNIT 2:Entrepreneurship, Creativity and Innovation: Creativity and entrepreneurship, Steps in Creativity, Organizational actions that enhance/hinder creativity, Innovation and inventions, Using left brain skills to harvest right brain ideas. Sources of Innovation in Business; Managing Organizations for Innovation and Positive Creativity.

UNIT 3:Business Idea & Business Plan: Business Idea - Meaning & Sources, Evaluation of business idea. Business Plan - meaning & uses, Project Report - meaning, importance &contents

UNIT 4: Financing the Entrepreneurial Business: Arrangement of funds; Traditional sources of financing, new innovative sources; Schemes of Govt. of India, Make in India Program. Emerging trends in Entrepreneurship: New generation entrepreneurs - Social entrepreneurs, Edupreneurs, Health entrepreneurs, Tourism entrepreneurs, Ecopreneurs, Techpreneurs, etc.

- Suggested Text Books & References: 1. David H. Holt, Entrepreneurship-New Venture Creation, Pearson India Education Services Pvt. Ltd., Noida-India, Fourth Impression2018
- 2. JasmerSingh Saini, Entrepreneurship Development Programmes, Deep &Deep

3. Publications (P) Ltd., 2002.

- 4. Jose Paul, Ajith Kumar, Paul T. Mampilly, Entrepreneurship Development, Himalaya Publishing House, Mumbai, 2001
- 5. C B Gupta, N P Srinivasan, Entrepreneurial Development, Sultan Chand & Sons, New Delhi, Revised Edition2010
- 6. C B Gupta Entrepreneurship and Small Business Management Seventh Revised Edition,
- 7. Peter Drucker, Innovation and Entrepreneurship: Practice and Principles, Harper & Row, New York, 6th Edition.

Course Outcomes: After completion of the course, students will be able to:

 Evaluate and analyze the various Personal and industrial challenges in fashion industry and Todevelop entheireneur skills to overcome constraints.

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Syllabus: B. Voc. (Fashion Technology and Apparel Designing), BPSMV effective

- Develop the skills of systematic planning and managing a business enterprise. Develop the skills of systematic planning and managing a busin Develop and strengthen entrepreneurial quality and motivation.
- Develop and strengthen enterpreneur and motivation.

 Analyze the challenges of a fashion entrepreneur in different areas.

There will be nine questions in total from all four units. First question is compulsory and set There will be nine questions in total from an four units. First question is compulsory and se from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-321S

HOME FASHION LAB

LTP 0 03 Total Credit:3

Objective: To impart practical knowledge and creativity on home fashion products, designing aspect and applications.

List of experiments:

- 1. Stitching of place mats.
- 2. Stitching of pocketed wall panels.
- 3. Stitching of Picnic tote or tablecloth.
- 4. Construction of Apron.
- 5. Construction of shoulder bag or beachbag.
- 6. Construction of pillow case.
- 7. Construction of curtain.
- 8. Construction of quilt for baby cover.
- 9. Construction of sofa cover.
- 10. Construction of throw for single coat

- 1. Anita Louise Crane, The pattern companion Sewing, Sterling Publishing Co., NewYork Suggested Text Books & References:
- 2. N.Gokarneshan, Fabric structure and design, New Age Publishers.
- 3. Groscicki Z J, "Watson Textile Design and Colour", Newnes Buttersworth.
- 4. Diamond Ellen and Diamond Jay, Fashion Apparel & Accessories and Home Furnishing, Pearsons Prentice Hall, NJ,2007

Course Outcomes: At the end of course the student will be able to:

- Understand, appreciate and acquire a sound knowledge of various home furnishing products.
- Develop a range of interior products

Note:

• At least 10 experiments have to be performed in the semester to create different home fashion products, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

TEXTILE PRINTING LAB

FTAD-3225

L T P 003 Total Credit:3

Objective: To give hands on practice of various printing methods on different type of fabrics.

List of experiments:

- Printing with fabric paint
- Printing with label and 3differenttypesoftextures.
- Printing of cotton using block and screen printing(2sampleseach)
- Printing of tie and dye and batik (2sampleseach)
- Tie and dye of cotton with direct dyes (Resist print)
- Batik print on the cotton fabrics(Resist print)
- Printing on the polyester fabrics by pigment colour
- Printing on cotton fabric with natural colours

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

- Prepare various kinds of printing pastes
- Perform various printing techniques on different types of textiles.

Note:

At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

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FTAD-323S

CAD LAB-II

LTP 0 02 Total Credit:2

Course Objectives:

The students will be able to:

- Understand the importance, objectives and fundamentals of CAD Designing.
- Introduce and give hands on training on computer softwares related to designingpattern making, grading and marker planning.
- Know fabric consumption at the time of marker planning.
- Understand and application of tools and software packages related to the topic and industrial uses.

Introduction to CAD software Introduction to garment production softwares, Pattern design through computer. Illustration, demonstration and practice of various garment softwares in Continuation to computer module for garment manufacturing.

- 1. Computerized Apparel Design: Introduction to "Basics of Computer Aided Design for Apparel Design". Usage of different drawing and measuring tools.
- 2. Designing the following garments with their flat sketches and color board:- Office Wear, Casual Wear, Party Wear, Street Wear
- 3. Basic Block construction and digitization of patterns. Pattern making of different garments, e.g. skirts, Basic bodice block.basic sleeve block etc. through assembly of lines, points, derived pieces, fold etc.
- 4. Introduction to Grading techniques. Grade the above patterns. Application of grading system to basic blocks and adaptations. Computerized grading on Lectra ,RichPeace, etc design and grading system.
- 5. Introduction to the plotting methods and techniques. Introduction to body graphics and measurement software's. and their practice on available relevant software's in the lab.
- 6. Practice on Lectra (Modaris, Diamino), RichPeace fashion, Reach CADOptitex, Tuka tech etc available relevant software's Extensive practice of RichPeace fashion cadd., Diamino and Kaledo Style, knit, weave, print, etc available relevant software's
- 7. Hand on practice on similar available software in the computer lab. Introduction to Marker planning and marker making for different garments for maximum fabric utilization.

Illustration, demonstration and practice of various garment softwares in Continuation to Computer Module for Garment Manufacturing, Extensive practice of print, etcsoftwares for garments and textile applications Page 66

Notice of Pashion Bussiness, 7th Edition, Pearson Ed. Kitty G.Dickerson, Inside the Pashion Bussiness, 7th Edition, Pearson Ed. 1. Kitty G.Dickerson, "Fashion from Concept to Consumer", Pearson 7th Edition.

2. G.S. Fringes, "Pattern-making for Fashion Design", Passing the Consumer of Pashion Design of Pashion Design

2. GS Fringes, "Pashion from Concept to Consumer", Pearson 7th Edition.
3. HJ Armstrong, "Pattern-making for Fashion Design", Pearson 4th Edition.

"Introduction to Fashion Design".

"Introduction to Fashion Design".

5. Software Modaris, Lectra. Software Diamino, Lectra.

Software Vigiprint, Lectra.

Course Outcomes.

After completion of the course, students will be able to: Implement the importance, objectives and fundamentals of CAD Designing.

- Implement the designing and pattern making techniques through softwears.

 Perform proper designing and pattern making techniques through softwears.
- Perform proper and advanced garment illustration softwares applicable in Apply innovative knowledge of advanced garment illustration softwares applicable in
- Optimize fabric consumption at the time of marker planning.
- CAD helps to provide improved process capabilities and shorter product development Jead time. It's a user-friendly, multipurpose software that can save a lot of your time.
- Develop analytical skills which helps to optimizing fabric consumption at the time of marker planning.

NOTE: Number of experiments may vary as per the availability of softwares/ resources.

FTAD-324S L T P

MINOR PROJECT

Total Credit:4

Students have to carry out extensive literature survey, compile text material and pursue project on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him. The minor project may be also an initial part or literature on any specific topic assigned to him.

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FTAD-3065

Course Objective: To introduce fundamentals of finishing of textiles. Conceptual knowledge and working principles of finishes applications

UNIT 1: Finishing- Introduction- Objects offinishing, Importance offinishing, Classification UNIT 1:Finishing introduction Mechanical Finishes - Beetling, Shearing, Calendaring, offinishes, Advantages of finishing, Rapping, Chemical Waishing, Calendaring, Napping, Chemical Waishing, Calendaring, Maissing, Embossing, Glazing, Napping, Chemical Waishing, Calendaring, Calendaring, Maissing, Chemical Waishing, Calendaring, offinishes, Advantages of Inning, Glazing, Napping, Chemical Weighting Of Silk, Sizing, Moireing. Embossing, Glazing, Napping, Chemical Weighting Of Silk, Sizing, Sanforizing, Schreinering, Wrinkle free finish.

UNIT 2: Functional Finish - Resin finish, Water Proof finish, Water Repellent finish, Flame Retardant finish, Soil Release finish - Process - 13 UNIT 2: Functional Flame Retardant finish, Soil Release finish - Process and Recipe, Types Antimicrobial finish, Welding and Adhesives, Molding. and Method of Fusing, Welding and Adhesives, Molding.

UNIT 3: Advanced Functional Finish - Stiff finish - Process and Recipe, Softening - Silicone UNIT 3: Advanced Functional Finish - Stiff finish - Process and Recipe, Softening - Silicone UNITED: Auvanced Land Wash finish, Anti - Pilling finish, Anti Mildew finish. Denim finish, Stone Wash finish, Anti - Pilling finish, Anti Mildew finish.

UNIT 4: Special Finishes On Garments - Finishing of Woven / Knitted garments - Stone less, UNIT 4: Special I mishes — Stone less, Chalk wash, Water resistant Breathable finish, Bio Stone Wash effects — Mud wash, Ion wash, Chalk wash, Water resistant Breathable finish, Bio Stone wash energy Finish, Protective Finishes -Deodorizing, Cool Finish and Thermostat finishes.

Suggested Text Books & References:

- 1. ShenaiandSaraf.1995.TechnologyofTextileFinishing.Sevakpublications.
- 2. NallangilliandJayaprakasam.2005.TextileFinishing.S.S.MInstituteofTextile Technology.
- Prayag.1996.Technologyoffinishing.ShreeJ.Printers,Pune.

Course Outcomes: At the end of the course, students will be able to:

- Understand various kinds of finishes and their methods of applications
- Select suitable finishes as per the need of the textiles.
- Develop the skills of Textile finishing and different finishing techniques.
- Learn the application of different functional and specialty finishes.

Note:

• There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

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FTAD-307S

CLOTHING CARE

LTP 300

TotalCredit:3

Course Objectives:

- To provide necessary instruction and guidelines in clothing care.
- To impart knowledge for laundering and drycleaning.
- Knowledge of washing, ironing and stain removal of fashion garments.

Clothing Care - Water: Types of soft and hard water, Purification of water Soap: Types, Manufacturing, Properties. Detergent: Types and Properties.

Laundering - Objects, Methods, Laundering of white, coloured, cotton, silk, wool, synthetic fabrics, Lace materials, carpets. Clothing storing - Mending, darning, seasonal care

Dry cleaning - Chemical used, Sequence method, Commercial dry cleaning. Washing machines - Types, Working principles. Ironing and pressing - Hot air, Steam, Permanent Pressing, Thumble drier hydro extractor.

Stain - Classification, removal of known and unknown stains, Rules in removing fresh and old stain. Stain removers- Greece Solvents, Absorbents, Washing soda, Borax. Care labels importance, Symbols, Use.

Suggested Text Books & References:

- 1. Fabric Care Noemia D'souza
- Fundamental of Textiles and wear care-Susheela D
- House hold textiles and laundry work Durga D
- Textile fibre to fabric Bernard P, Corbman

Course Outcomes: After completion of the course, students will be able to:

- Complete guide for care of fashion garments.
- Guide for fabric dry cleaning and finishing.

There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least Note: KHILL BUT IN THE STATE OF THE STATE one question from each unit.

VALUE EDUCATION

Total Credit:4

400 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100 Objective: To enable the students to understand the social realities and to inculcate an essential value system towards building a health society.

UNIT 1: Values-Meaning, Nature and their importance. Relation between needs and values UNIT 1: Values-Meaning, values in character development and education. Awareness of one's hierarchy of values, place of values one's self. Self-Management — self. discourse of self. assessing one's self. hierarchy of values, place of the self-Management – self-discipline, Ambition, self-self-Definition of self, assessing one"s self-Control. Self-setisfaction. self- Definition of Self, assessment of Self- Definition of Self, assessment of Self- Self confidence, Determination, Sympathy and empathy, Honesty and commitment.Life-skills for Humility and simplicity, Behavioural values-Good manners at L Humility and simplicity, Dehavioural values-Good manners at home and outside, openness individual and social living. Bela of religious values. Religious telescore. individual and social fiving. Social fiving and social fiving and social fiving and action. Role of religious values, Religious tolerance, Truthfulness to self and through word and action. Role of religious values, Religious tolerance, Truthfulness to self and through word and action. Role of religious values, Religious tolerance, Truthfulness to self and through word and action. Role of religious values, Religious tolerance, Truthfulness to self and through word and action. Role of religious values, Religious tolerance, Truthfulness to self and through word and action. Role of religious values, Religious tolerance, Truthfulness to self and through word and action. through word and actionized the skill, Leadership in other Life skill, Interpersonal and intrapersonal others. Leadership as a life skill, Leadership in other Life skill, Interpersonal and intrapersonal skills.

UNIT 2:Intervention strategies of value education and assessment of value pattern. UNITY Zimerventon of Education: Objective selection of value as recommended by NCERT, Krathwohls Taxonomy of Education and constitution of India Madala Commended by NCERT, Krathwonis Lazonomy and constitution of India. Models of Value education, rationale National Policy on Education Model - Value analysis and to recommended by NCER1, National Policy on Education Model –Value analysis model –Value clarification model-Building Model –The consideration Model –Value analysis model –Value clarification model-Building Model-Jurisprudential Enquiry Model, Role Playing model, Cognitive Moral Social Action Model-Jurisprudential Enquiry Model Development Model, and value DiscussionModel.

UNIT 3: Understanding family life-Definition of family, Family life in the context of rapidly changing society. Organising family life-Responsibility, Mutual respect, Sharingandcaring, Accommodation and adjustment, individual interests. Family interests. Providing continuity in traditional values-Traditional norms and family norms changing values-joint families Vs. Nuclear families, Family responsibilities in the changing societal and living standards. Learning to live together -Definition of society, Units of society-Community living social awareness, Equity, Equality and brotherhood. Challenging the diversities -Value differences, Sexandgender related issues, Differences of opinions, tolerance, Conflicts, Avoidance of conflicts Dialogue, Confliction resolution, and Social responsibility.

UNIT 4:Professional values, National and International values, Planning and organizing for transition in the changing work culture-Definition of profession, Vocation and career, Professional values and ethics, Professional Competence, devotion and confidence, professional efficiency, Accountability and Responsibility. Transition in the world of work- Learning as a dynamic process in the world of work-Awareness of the changing career options, Understanding the work culture, Willingness to change, team Spirit. Knowledge of Indian Constitution -Basic values of citizens. Global village -Global values, values of health and health care population and environmental issues, Aggression and violence, Deviance, Discrimination, Drugs, Racial and ethnic relations.

ATTE SHIELD TO

Suggested text books & references:

- 1. Beyer, B.K. (1971) Inquiry in the Social Studies Class-room, a strategy for teaching, Columbus, Ohio, Charles E. MerillPublishing.
- 2. Beyer, B.K. and Penna, AX (1971) · Concepts in Social Studies,, Washington, D.C., National Council for the SocialStudies.
- 3. Bower, William C. (1952) Moral and Spiritual Values in Education, Lexigton,
- 4. BudhandaSwami (1983) How to Build Character A Primer: Ramakrishna Mission, New Delhi.

Course outcomes: After this course the students will be able to:

- Gain knowledge of various models for value education
- Inculcate good manners and responsibility and cooperative citizenship.
- Develop respect for individual and society.
- Developing a democratic way of thinking and living

There will be nine questions in total from all four units. First question is compulsory and set Note: from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

a liquid many street and

y and Apparel Designing), BPSMV effective FASHION RETAIL AND SUPPLY CHAIN MANAGEMENT Total Credit:4 Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks:

se Objectives: The course is acsigned to.

Impart knowledge of fashion retail formats and services being offered by them.

Impart knowledge of Wholesalers and to differentiate with that of Impart knowledge of tasmon retail formats and services being offered by them.

Understand the role of Wholesalers and to differentiate with that of a retailer.

Understand the role of wholesalers and to differentiate with that of a retailer. Course Objectives: The course is designed to:

- Understand the role of Wholesalers and to differentiate with that of Introduce various aspects of retail marketing mix and its elements.

 Introduce various aspects with the changing dimensions of feeting the students with the changing dimensions of feeting and the students with the changing dimensions of feeting dimensions.
- Introduce various aspects of retail marketing mix and its elements.

 Familiarize the students with the changing dimensions of fashion Retailing.

UNIT 1: Introduction to Retail and Retailing, fashion retailing, specialty stores fastion in India-franchised retail, chain store retailing, specialty stores UNIT 1: Introduction to Retail and Ketaning, Tasmon retailing, specialty stores, factory operating fashion in India-franchised retailing like online retailing, level of service of control of the discount retailing, non store retailing like online retailing. operating fashion in India-trancmised retailing like online retailing, level of service offered, outlets, discount retailing, non store retail marketing decisions. outlets, discount retailing, non store retail marketing decisions.

UNIT Wholesalers-difference between retailers and wholesalers, types of wholesalers, major UNIT Wholesalers-difference between foliation, and winnessners, types of wholesalers, major functions and services provided by wholesalers, product line ofwholesalers, modes ofphysical functions and services provided by wholesalers, management distribution, marketing logistics, inventory management

UNIT 3:Introduction of Supply Chain, Supply Chain Concepts: flow of materials, flow of Information, Supply Chain, decision phases in a supply chain, process view of supply chain, decision phases in a supply chain flower Objective of supply chain, decision phases in a supply chain flower or supply chain, decision phases in a supply chain flower or supply chain, decision phases in a supply chain flower or supply chain, decision phases in a supply chain flower or supply chain, decision phases in a supply chain flower or supply chain. Objective of supply chain, decision phases in a supply chain, proceed when and push/puil view, importance of supply chain flows.

UNIT 4. Safety Inventory, cyclic inventory, role of sourcing in a supply chain – supplier scoring UNIT 4. Safety inventory, eyem, inventory, and assessment, supplier selection, design collaboration, procurement process, sourcing planning and analysis, procurement process, making sourcing decisions in practice.

- ggested Text Books & References.

 1. Kitty G. Dickerson, Inside the Fashion Bussiness, 7th Edition, Pearson Education, India Suggested Text Books & References:
 - Philip kotler and Kevin Keller, Marketing Management, 13th Ed, Prentice Hall Higher

 - 3. Philip Kotler and Gary Armstrong, 13th Ed, Prentice HallPTR, 2008 4. Martin Christopher, "Logistics & supply Chain Management: Strategies for Reducing Cost and Improving service", 2nd Edition, Pitman Publishing, 1998.
 - Sunil Chopra and Peter Meindl, "Supply Chain Management: Strategy, Planning and
 - Douglas Macbeth and Ferguson N., "Partnership Sourcing: An Integrated Supply Chain Management Approach", Financial Times Management, 1994

Course Outcomes: At the end of the course, students will be able to:

- Develop basic understanding about fashion retail, various formats and levels of services offered by retailers.
- Differentiate fashion retailers and wholesalers and their operations.
- Analyze the retail marketing process and modes of Fashion sales Promotion.
- Apply various aspects of retail marketing mix and its elements.

There will be nine questions in total from all four units. First question is compulsory and set Note: from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

Page 74

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FTAD-310G

APPAREL QUALITY MANAGEMENT

LTP

Total Credit:4

Internal Assessment Marks: 20 + External Marks of Theory Exam: 80 = Total Marks: 100 Course Objective:

To familiarize the students with the role of Quality in Apparels and its categorization.

To create clarity regarding the Inspection systems and tools of Quality Control.

To familiarize with the contribution of various entities in Apparel organizations towards Quality.

To make understand about the sampling procedure followed in Garment industries.

UNIT 1: Meaning of quality, testing and standard and their importance in apparel industry -Quality terminologies - Sources of international standards. Quality Parameters of yarn: Yarn evenness & hairiness and their effect on fabric quality. Quality parameters of fabric: Brief study of fabric pilling resistance, bursting strength, colour fastness and dimensional stability. Testing of sewing threads, zippers, fusible interlinings, buttons and fasteners.

UNIT 2: Inspection: Incoming and raw material inspection: Fabric inspection - 4-point system. In process on-line inspection: Advantages - On line inspection during spreading, pattern making, cutting, sewing and ironing. Final inspection: Sampling plans and AQL charts - Level of final inspection. Packing & packaging quality tests. Care labellingand international caresymbols.

UNIT 3:Principles of TQM - Deming"s PGDCA Cycle - KAIZAN concepts - applications in apparel industry. Application of seven QC tools in apparel industry.

UNIT 4: Understanding of ISO 9001:2000 standards: QMS, management responsibility, resource management, product realization and measurement analysis & improvement - Various documents required for ISO 9001:2000 implementation and its contents - Development of quality system manual for garmentindustry. Documented procedures required for ISO 9001:2000 implementation - Procedures for internal quality audit - Management review meeting -Certification process - Surveillance audit.

Suggested Text Books & References:

- 1. Paula J. Myers-McDevitt, Apparel Production Management and the TechnicalPackage
- 2. Ruth E. Glock& Grace I. Kunz, Apparel Manufacturing: Sewn Product Analysis, 4th Edition

Course Objective: After this course the students will be able to: right of the light men

- Implement the Quality parameter in Apparels industry.
- Utilize the various tools of Quality control and Inspection systems.
- Evaluate the sampling procedure being followed in Garment Industries.
- Analyze the contribution of different entities towards Quality control.

• There will be nine questions in total from all four units. First question is compulsory and set from all four units. Students will have to attempt any five questions in all selecting at least one question from each unit.

FTAD-325S

TEXTILE FINISHING LAB

LTP 0 03

Total Credit:3

Course Objective: To provide hands on practice of Finishing of textiles with mechanical as well as chemical processes.

List of experiments Applications of various finishes on textile materials such as -

- Starch
- Flame retardant finish
- Anti-crease finishing.
- Softening finishing of textiles.
- Fragrance finishing of textiles.
- Optical brightening finishing of textiles.
- Water repellent finishing of textiles.

Suggested Text Books & References:

- 1. An Introduction to Textile Finishing, JTMarsh
- 2. VA ShenaiTextile Finishing, SevakPublication, Mumbai 3. Chakarverty J N, "Fundamental and practices in colouration of textiles", Woodhead Publishing India Pvt Ltd,2008

Course Outcomes: After completion of the course, students will be able to:

- Apply finishing of textiles using mechanical as well chemical processing.
- · Analyze functional behavior of finished textiles.

Note:

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At least 10 experiments have to be performed in the semester, out of which at least seven experiments should be performed from the above list or designed & set as per the scope of syllabus.

FTAD-326

FASHION PORTFOLIO

LTP 004

Total Credit:4

Course Objectives:

To provide necessary instruction and guidelines in creating a nice fashion portfolio.

To impart knowledge for portfolio presentations.

- Knowledge of making the design of the garments and flat Sketch for portfolios
- To develop the skill of designing fashionable men/women/children wear along with the

Contents:

Develop a collection on any one of the category

- Womens
- Kids
- Mens

Each collection will incorporate supporting design process as follows.

- Moodboard
- Storyboard
- Colorboard
- SwatchBoard
- Designdevelopment
- Finalcollection
- Flats and specification
- Costsheet
- Specsheet

Development of garments by drafting, draping and Flat Pattern.

Produce one collection from the portfolio and to be presented as fashion show.

Suggested Text Books & References:

1. Campbell, D et. Al (2001): How to develop a professional portfolio: Allyn&Bacon by Waterier, JohnW.

2. AspelundKarl, 2010, Design Process, Fairchild Publication

3. Scivewright Simon 2012, Basics Fashion Design -Research and Design, Bloomsbury PublicationIndia.

Course Outcomes: After completion of the course, students will be able to:

- Compile their best work in the form of portfolio presentation
- Create portfolio based on various theme.

131305

Syllabus: B. Voc. (Fashion Technology and Apparel Designing), BPSMV effective

FTAD-327S

MAJOR PROJECT

LTP

Total Credit:6

specific topic assigned to him. It is expected from the students that they will utilised allotted hours/ week in library, laboratory or industry as per the requirement of the project. In case of industrial project, student may spend required time in industry in consultation with faculty/ supervisor. Students have to give their presentation in front of board of panel.

Page 78

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