



**PERIYAR UNIVERSITY**

**PERIYAR PALKALAI**

**NAGARSALEM-636011**

**DEGREE OF BACHELOR OF SCIENCE  
CHOICE BASED CREDIT SYSTEM**



*Syllabus for*

**B.Sc. TEXTILE AND FASHION DESIGNING**

**(SEMESTER PATTERN)**

**(For Candidates admitted in the College Affiliated to Periyar University From  
2021-2022 onwards)**

**REGULATIONS**

## **I. ELIGIBILITY**

Candidate seeking admission to the first year Degree of Bachelor of Science in Textile and Fashion Designing shall be required to have passed in any Higher Secondary course examination (Regular academic or Vocational) of the State Board/CBSE/ICSE or other examination accepted as equivalent thereto by the Syndicate, subject to such other conditions as may be prescribed. Pass in any three year Diploma in Fashion/Costume/Textile/Apparel related course is eligible to admit indirect second year of this UG course.

## **II. DURATION**

The course for the degree of Bachelor of Science Textile & Fashion Designing shall extend over a period of three academic years - 6 Semesters and each semester normally consisting of 90 working days or 450 Hours.

## **III. ELIGIBILITY FOR THE DEGREE**

A candidate shall be eligible for the degree of Bachelor of Science Textile & Fashion Designing, if he/she has satisfactorily undergone the prescribed courses of the study for a period not less than 6 semesters in an institution approved by the university has passed the prescribed examinations in all the 6 Semesters.

## **IV. SUBJECT OF STUDY**

The subjects of the study for the B.Sc., Textile & Fashion Designing and the syllabus for the subjects are given in the annexure.

## **V. REQUIREMENT OF EXAMINATION**

The theory examinations will be conducted for 3 hours by the university in the subjects prescribed for all the semesters in every semester.

The practical examinations will be conducted by the university for 3 hours with respective to allied and core practical in all the subjects prescribed in every semester.

## **VI. SCHEME OF THE EXAMINATION**

The scheme of examinations for the course is given in Annexure. All the practical examinations / Internship work shall be conducted & evaluated internally by the institution themselves with internal and external examiners appointed by the university.

## **VII. PASSING RULES**

### **Theory**

- 75% of the marks for external evaluation and 25% marks are allotted for internal evaluation.
- Candidate is demanded to have passed to a subject, if he/she gets a minimum of 40% of total marks in theory subjects with internal mark of 10 marks and external marks of 30 marks.

### **Practical**

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- 60% of the marks for external evaluation and 40% marks are allotted for internal evaluation.
- For practical subjects, the candidates should get minimum marks of 24 marks in external evaluation out of 60 and 16 marks in internal evaluation out of 40.
- For project viva voce, 80% of the marks for internal evaluation and 20% marks are allotted for external evaluation.
- For project, the candidates should get minimum marks of 32 marks in internal evaluation out of 80 and 8 marks in external evaluation out of 20.

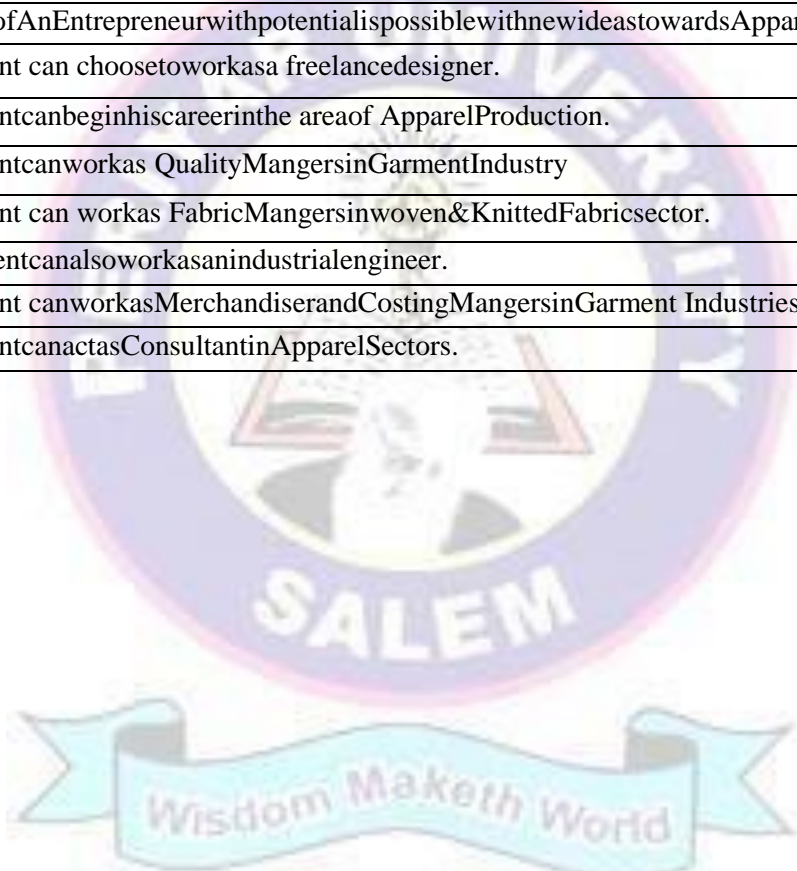


## PROGRAMME OUTCOMES

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1. The graduates will be able to utilize their knowledge and skills in higher studies and research.
2. The graduates will be able to execute innovative and professional skills in the field of Apparel Industry.
3. The graduates can start-up their business, freelance and enterprising without difficulty and can also enter into the world of work easily.
4. The graduates can exit with employability in various fields of textiles and apparel.

<b>Program Educational Outcomes (PEOs)</b>	
The <b>B.Sc. (Textile &amp; Fashion Designing)</b> program describe accomplishments that graduates are expected to attain within five to seven years after Graduation	
PEO1	The student can excel in the field of <b>Textile &amp; Fashion Designing</b> after the completion of the Program.
PEO2	The student can develop his own brands in Apparel Sector.
PEO3	Start-Up of An Entrepreneur with potential is possible with new ideas towards Apparel Industry.
PEO4	The student can choose to work as a freelance designer.
PEO5	The student can begin his career in the area of Apparel Production.
PEO6	The student can work as Quality Managers in Garment Industry
PEO7	The student can work as Fabric Managers in woven & Knitted Fabric sector.
PEO8	The student can also work as an industrial engineer.
PEO9	The student can work as Merchandiser and Costing Managers in Garment Industries.
PEO10	The student can act as Consultant in Apparel Sectors.



SEM	PART	PAPER CODE	COURSE CODE	COURSE	HRS		Credit	MARKS		
					L	T/P		CIA	EA	TOTAL
I	I		Language	Tamil-I	2	4	3	25	75	100
	II		Language	English-I	2	4	3	25	75	100
	III		Core-I	Fiber&YarnScience	5		5	25	75	100
			CorePractical-I	Fiber&YarnScience - Practical	-	3	2	40	60	100
			Allied-I	PatternMaking&Grading	4		4	25	75	100
	IV		ValueEducation	Yoga	2		2	25	75	100
			Add-onCourse	ProfessionalEnglish	4	-	4	25	75	100
						30	23			700
II	I		Language	Tamil-II	2	4	3	25	75	100
	II		Language	English-II	2	4	3	25	75	100
			NaanMudhalvanSkillCourse	LanguageProficiencyforEmployability-EffectiveEnglish	2	-	2	25	75	100
	III		Allied-II	ApparelManufacturingMachineries&Equipment	5		5	25	75	100
			CorePractical-II	BasicApparelDesigning- Practical	-	4	2	40	60	100
			AlliedPractical-I	Basic Illustration & Sketching – Practical	-	3	2	40	60	100
	IV		EVS	EnvironmentalStudies	2	-	2	25	75	100
			Add-onCourse	ProfessionalEnglish	4	-	4	25	75	100
					30	21			700	
III	III		Core-II	WovenFabricScience	5	-	5	25	75	100
			CorePractical-III	WovenFabricSciencePractical	-	3	2	40	60	100
			Core-III	Knitting&Non-Woven	5	-	5	25	75	100
			CorePractical-V	Children'sApparelPractical	-	5	3	40	60	100
			Allied-III	FashionDesigning	4		4	25	75	100
			AlliedPractical-III	FashionDesigningPractical	-	4	2	40	60	100
	IV		NMEC-I	FundamentalsofTextiles	2		2	25	75	100
	IV		NMSDC	Digital Skills for Employability – Microsoft Office Essentials	2		2	25	75	100
					30	25			800	

SEM	PART	PAPER CODE	COURSE CODE	COURSE	HRS		Cre dit	MARKS		
					L	T/P		CIA	EA	TOTAL
IV	III		Core -V	TextileTesting&QualityControl	3	-	3	25	75	100
			Core -VI	TextileWetProcessing	3	-	3	25	75	100
			Core Practical-VI	Women'sApparelPractical	-	6	3	40	60	100
			Core Practical-VII	TextileWetProcessingPractical	-	6	3	40	60	100
		SBEC	NaanMudhalvan – SkillCourse	DigitalSkillsforEmployability	2	-	2	25	75	100
		Allied-IV	HomeTextiles	3	-	3	25	75	100	
	IV		SBEC-I	Embroidery&AccessoriesMakingPractical		5	3	40	60	100
			NMEC-II	FundamentalsOfDesigning	2	-	2	25	75	100
					30	22			800	
V	15DaysInternshiptoanyTextileProcessing/GarmentIndustry (vivavocefortheinternshiptrainingin Vsemester)									
	III		Core VII	ApparelCosting&Merchandising	5		5	25	75	100
			CoreVIII	TextileFinishing	5		5	25	75	100
			CoreIX	FashionBusinessCommunication	5		5	25	75	100
			Core Practical-VIII	ComputerApplicationinGarmentDesigning Practical	-	4	2	40	60	100
			Internship	InternshipprojectViva-Voce	-	-	-	-	-	-
			Core Practical-IX	Men'sApparelPractical	-	4	2	40	60	100
		MBEC-I	EntrepreneurshipDevelopment	5		5	25	75	100	
IV		<b>NMSDC</b>	<b>Marketing and design Tools (Other Arts) -Digital Marketing</b>	<b>2</b>		<b>2</b>	<b>25</b>	<b>75</b>	<b>100</b>	
					30	26			600	
VI	III		Core-X	Clothing Care	4	-	4	25	75	100
			Core XI	ApparelProductionManagement	5	-	5	25	75	100
			Core Practical-X	FashionDrapingPractical	4		2	40	60	100
			Naan Mudhalvan – SkillCourse	Innovative & Creative Skills for Employability- Content writing & Digital Marketing	2	-	2	-	-	-
		MBEC-II	InternationalTradeAndDocumentation	3	2	4	25	75	100	
	IV		SBECII	PortfolioPresentation-VivaVoce	-	5	3	40	60	100
			SBEC-III	Beauty CarePractical	-	5	3	40	60	100
			ExtensionActivity	-	-	1	-	-	-	
					30	24			600	

**QUESTIONPAPERPATTERN**

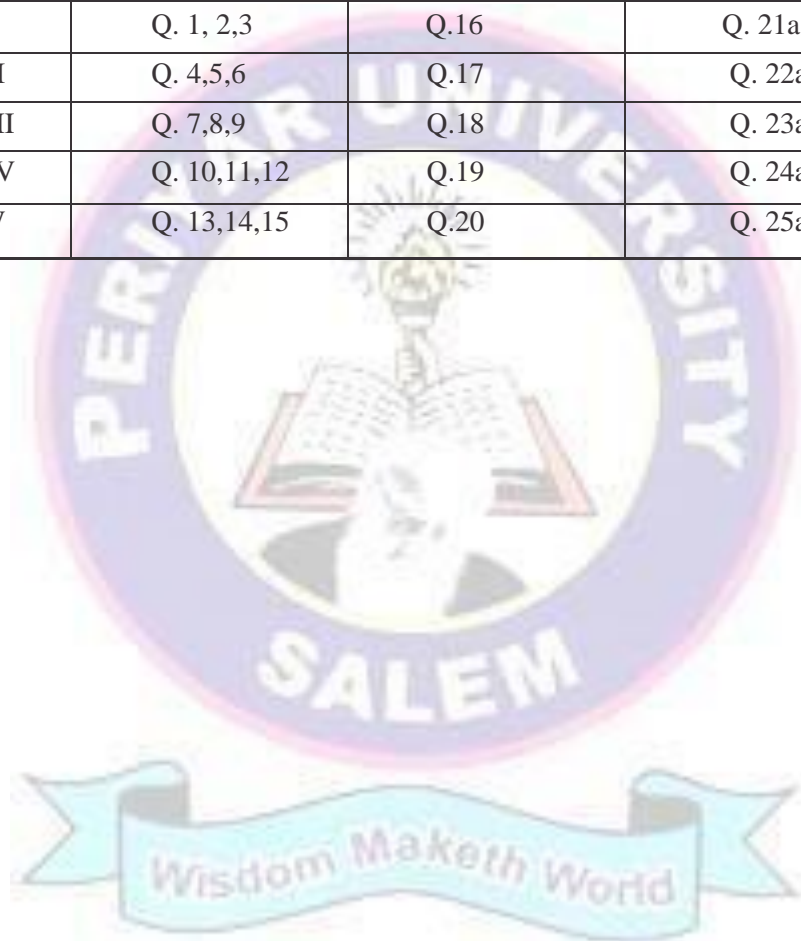
**THEORY**

**Time:3Hours**

**TotalMarks :75Marks**

**QUESTIONPAPERPATTERN**

<b>Unit</b>	<b>Section-A</b>	<b>Section-B</b>	<b>Section-C</b>
I	Q. 1, 2,3	Q.16	Q. 21a, 21b
II	Q. 4,5,6	Q.17	Q. 22a,22b
III	Q. 7,8,9	Q.18	Q. 23a,23b
IV	Q. 10,11,12	Q.19	Q. 24a,24b
V	Q. 13,14,15	Q.20	Q. 25a,25b



**SECTION A (15 X1 =  
15)ANSWER ALL THE  
QUESTIONSSECTIONB(5 X2  
=10)  
ANSWER ANY TWO  
QUESTIONSSECTIONC(5X10  
=50)**

**EITHER OR CHOICE ANSWER ALL THE**

<b>QUESTIONSINTERNALASSESSMENT</b>	<b>MARKS</b>
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TEST :	15
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ASSIGNMENT:	5
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ATTENDANCE:	5
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**25**

PASSINGMINIMUM(IA)40% - 10

MARKSPASSINGMINIMUM(UE)40% -

30 MARKSPASSINGMINIMUMTOTAL

-40MARKS

**PRACTICAL:**

**Time:3HoursTotalMarks:60Marks**

**SECTIONA(1X20=20)**

Either or Choice ANSWER

**ANYONESECTIONB(1 X40=40)**

Either or Choice ANSWER

**ANYONEINTERNALMARKS:**

RECORD:	25
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SAMPLE:	10
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ATTENDANCE:	05
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**TOTAL: 40 MARKS**

PASSINGMINIMUM(IA)40%-16MARKS

PASSINGMINIMUM(UE)60%-

24MARKSPASSINGMINIMUMTOTAL

-40MARKS





# FIRSTSE MESTER

Wisdom Maketh World

CourseCode	FIBER&YARNSCIENCE		L	T	P	C
Core-I			5	-	-	5
Basic Knowledge in Textiles and Science			Syllabus		2021 Onwards	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. To facilitate the student to understand the structural features of Fibers and Yarn.</li> <li>2. To investigate techniques of textile fibers and yarn with its manufacturing Process.</li> <li>3. To Learn the Properties and behavior of Fibers and Yarn.</li> <li>4. To Gain knowledge in Advanced Spinning System.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Recognize the molecular conformation of various textile fibers.					K1
2	Explain the production process of various textile fibers and yarns.					K2
3	Utilize the Fibers and Yarns in different fields of Textile Industry.					K3
4	Analyze the structural investigation techniques of Fibers and Yarn.					K4
5	Outline the Properties and behavior of textile fibers and Yarns.					K2
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6-Create</b>						
<b>Unit:1</b>	<b>Introduction of Textile Fibers</b>					
Introduction of textile fibers: Classification-Physical and chemical properties. Cotton: Botanical and commercial classification - Properties - End uses. Brief study about Organic cotton Flax: Properties -End uses. Brief study about organic cotton. Wool: Producing countries - Grading - Properties - End uses-Felting-Woolen and Worsted Yarns. Silk: Producing countries- Degumming-Weighting- Properties-End uses. Brief study on wild silk varieties.						
<b>Unit:2</b>	<b>Filament Spinning System</b>					
Methods of filament spinning. Semisynthetic fibers: Regenerated and modified cellulose- Viscose rayon process flow- HWM fibers- End uses- Brief study of Bamboo, Lyocell, Soyabean fibers.						
<b>Unit:3</b>	<b>Polymer Science</b>					
Polymer – Terminologies – Types of polymers & Polymerization. Synthetic fibers: Brief study about Polyamide, Polyester, PolyAcrylic and Spandex. Individual fiber properties and trade names – End uses. Drawing and effects. Texturization: definition, types, properties of textured yarn- its uses. Microfibers.						
<b>Unit:4</b>	<b>Yarn Production Process</b>					
Classification of yarn types- Staples spinning system – Types. Yarn manufacturing Process: Ginning-objectives, Objectives and process sequence – Blowroom, carding, Drawing, combing, simplex, ring frame, Comparison of carded and combed yarn. Principles and process sequence- Rotor spinning, Compact Spinning.						
<b>Unit:5</b>	<b>Post Yarn Process</b>					
Post spinning process: cone winding, Doubling, reeling- Ply yarn and single yarn Characteristics. Properties required for export quality hosiery yarns. Study of yarn twist and its importance - Various yarn & package defects. Yarn numbering systems. Blended textiles: Types of blending Benefits Double yarn Properties Uses. Classification of Sewing threads & applications core spun sewing thread – Advantages.						

<b>TextBook(s)</b>	
1	A Text Book of Fiber Science and Technology, Mishra, S.P, New Age International (P) Ltd Publishers, New Delhi 2000.
2	Spun Yarn Technology, Eric Oxtoby, Butterworth-Heinemann, Published in 1987.
3	The Motivate Series – Textiles, Wynne, A, Publisher: Macmillan Education Ltd., London, 1997.
4	Hand Book of Textile Fibers – Vol. I & Vol. II. Gordon Cook, J, Woodhead Publishing Ltd., Cambridge, England, 1984.
5	Man-made Fibers, Moncrieff, W, Butterworth Scientific Publication, 1975.
6	Handbook of Textile Fibers: Natural Fibers, J Gordon Cook, Woodhead publication Limited, 1984.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://textilelearner.blogspot.com/">https://textilelearner.blogspot.com/</a>
2	<a href="https://www.textiletoday.com.bd/category/innovations/fiber-yarn-fabric/">https://www.textiletoday.com.bd/category/innovations/fiber-yarn-fabric/</a>
3	<a href="https://study.com/academy/lesson/textile-yarns-definition-types-classification.html">https://study.com/academy/lesson/textile-yarns-definition-types-classification.html</a>



CourseCode	FIBER&YARNSCIENCE-PRACTICAL		L	T	P	C
CorePractical-I			-	-	3	2
BasicKnowledgeinTextilesandScience			Syllabus		2021 Onwards	
<b>CourseObjectives:</b>						
<ol style="list-style-type: none"> <li>1. To train the student on identification of different kinds of fibers based on different tests and measurement of properties of fibers.</li> <li>2. To facilitate the student to understand the structural features of Fibers and Yarn.</li> <li>3. To Learn the Properties and behavior of Fibers and Yarn</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Discover the natural and man-made fibres using various identification test methods.					P2
2	Determine the blend proportion of different fibers from the blended material.					P3
3	Calibrate the count and twist of the textile yarn.					P3
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.						
<b>LIST OF EXPERIMENTS</b>						
<ol style="list-style-type: none"> <li>1. Longitudinal view of Natural fibers A) Cotton B) Silk C) Wool</li> <li>2. Longitudinal view of Manmade fibers A) Polyester B) Viscose C) Nylon</li> <li>3. Burning characteristic of Natural fibers A) Cotton B) Silk C) Wool</li> <li>4. Burning characteristic of manmade fibers A) Polyester B) Viscose C) Nylon</li> <li>5. Solubility test of Natural fibers A) Cotton B) Silk C) Wool</li> <li>6. Solubility test of manmade fibers A) Polyester B) Viscose C) Nylon</li> <li>7. Determination of blend proportion of P/C blends</li> <li>8. Determination of blend proportion of P/V blends</li> <li>9. Determination of blend proportion of P/W blends</li> <li>10. Determination of Yarn count</li> <li>11. Determination of Yarn Twist</li> </ol>						
<b>Text Books</b>						
1	Raoul Jewel, (2000), Encyclopedia of dressmaking, Delhi, APH Publishing Cooperation.					
2	Claire B. Schaeffer (1994), Fabric Sewing Guide, Lola, Wisconsin, Krause Publishers.					
3	Handbook of Textile fibers, Woodhead Publications, (1984).					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://nptl.ac.in/courses/116/102/116102026/">https://nptl.ac.in/courses/116/102/116102026/</a>					
2	<a href="https://onlinecourses.swayam2.ac.in/cec19_te01/preview">https://onlinecourses.swayam2.ac.in/cec19_te01/preview</a>					
3	<a href="https://textilelearner.blogspot.com/">https://textilelearner.blogspot.com/</a>					

CourseCode	PATTERNMAKING&GRADING			L	T	P	C
Allied-I				4	-	-	4
Basic Knowledge in Textiles and Science				Syllabus		2021 Onwards	
<b>Course Objectives:</b>							
1. To enable the students to develop the ability to create design through flat pattern technique.							
2. To impart skills in dart manipulation.							
3. To enable the students to learn the skills of standardizing body measurements							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
1	Infer about pattern making terminology and steps in taking body measurement.						K2
2	Summarize the pattern drafting techniques and fitting standards for different garments.						K2
3	Generalize the Pattern Draping techniques and its facts.						K2
4	Predict different pattern grades and fabric grains for cutting.						K3
5	Explain pattern alteration techniques and predict the various kinds of pattern layout.						K2
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6–Create</b>							
<b>Unit:1</b>	<b>BODY MEASUREMENTS</b>						
Importance, Preparation for measuring, Girls and Ladies measurements, Boy's and Men's measurements. Standardizing body measurements, Importance, Techniques used. Relative length and girth measurements. Preparation of standardized measurement chart.							
<b>Unit:2</b>	<b>DRAFTING</b>						
Pattern making terminology, Methods of pattern making, Types of paper patterns, Pattern making tools, Steps in drafting Bodice front, Bodice back, Sleeve, Skirt front and back, Collar-one piece Peter Pan and shirt collar. Dart Manipulation, Technique-Slash and Spread method and Pivotal method. Study of commercial pattern, Merits & Demerits. Preparation of commercial pattern for kids. Fitting – Standards of a good fit, Steps in preparing a blouse for fitting, checking the fit of a blouse.							
<b>Unit:3</b>	<b>DRAPING</b>						
Draping-Definition and Meaning, Need for draping, Importance of Draping Technique, Advantages and Disadvantages, Tools and Equipments used for Draping, Preparation of dress form. Importance of grain, preparation of Muslin Material, straightening, tearing and pressing.							
<b>Unit:4</b>	<b>GRADING AND PREPARATION OF FABRIC FOR CUTTING</b>						
Grading, Introduction and importance of grading, Manual Grading of basic bodice – front and back, Sleeve, skirt and Collar, Computerized Grading. Basic terms: Grain, Selvedge, On grain, Off Grain, Off Grain Print, With the Grain, Against the Grain, Importance of Grain in Fabric. Cutting-Preparing the Fabric for Cutting, Methods of straightening fabric ends, Methods of straightening fabric grain, shrinking fabrics.							
<b>Unit:5</b>	<b>PATTERN ALTERATION AND LAYOUT</b>						

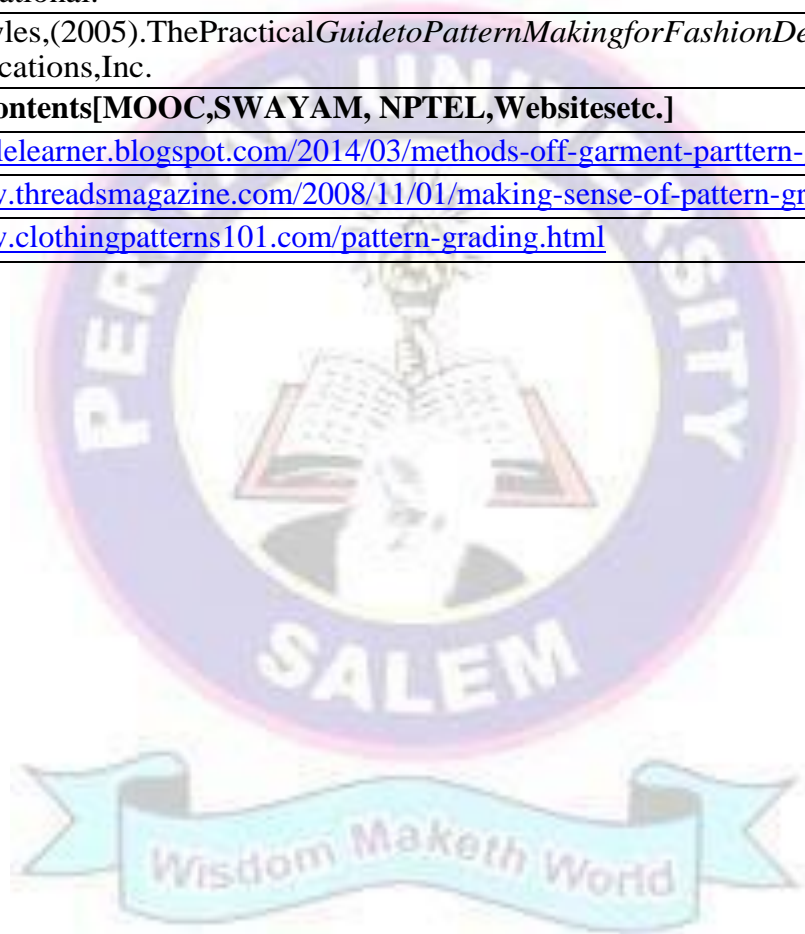
Importance of altering patterns, Principles for pattern alteration, common pattern alteration in blouse. Pattern layout - Definition, Purpose, Rules in layout, Types of layout and Special layouts. Piecing, transferring pattern markings.

**TextBook(s)**

1	Mary Mathews, Practical Clothing Construction-Part I and II, -Cosmic Press, Madras, 1990
2	Helen Joseph Armstrong, (2014). Pattern Making for Fashion Design. 5 <sup>th</sup> editions. India: Dorling Kindersley
3	Gayatri Verma, (2006). Cutting and Tailoring Course. New Delhi: Asian publishers.
4	Connie Amaden Crawford, (2005). The Art of Fashion Draping III Edition. OM Books International.
33	Lori A. Knowles, (2005). The Practical Guide to Pattern Making for Fashion Designers. New York: Fairchild, Publications, Inc.

**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1	<a href="https://textilelearner.blogspot.com/2014/03/methods-off-garment-parttern-grading.html">https://textilelearner.blogspot.com/2014/03/methods-off-garment-parttern-grading.html</a>
2	<a href="https://www.threadsmagazine.com/2008/11/01/making-sense-of-pattern-grading">https://www.threadsmagazine.com/2008/11/01/making-sense-of-pattern-grading</a>
3	<a href="https://www.clothingpatterns101.com/pattern-grading.html">https://www.clothingpatterns101.com/pattern-grading.html</a>



# SECONDS EMESTER



CourseCode	<b>APPAREL MANUFACTURINGMACHINE RIES&amp;EQUIPMENT</b>			L	T	P	C
<b>Allied-II</b>				5	-	-	5
<b>BasicKnowledgeinGarmentMachineries</b>				<b>Syllabus</b>		<b>2021 Onwards</b>	
<b>CourseObjectives:</b>							
<ol style="list-style-type: none"> <li>Toacquaint students ofthebasicproductionmachineryandequipmentused inapparelconstruction.</li> <li>Tolearnaboutthe garmentindustry.</li> <li>Tolearntheworkingprocessofthevariousdepartmentsingarmentindustry.</li> </ol>							
<b>ExpectedCourseOutcomes:</b>							
Onthesuccessfulcompletion ofthecourse,studentwill beableto:							
1	Describethevariousmachineriesandprocessinvolvedinfabricspreadingandcuttin g.						K2
2	Generalizethetypesofgarmentproductionmachineriesanditsapplicationmeth ods.						K2
3	Summarizethesewingmachinesandits specialattachmentsforhigherproduction.						K4
4	ExplainthespecialmachinesanditsfunctionsinGarmentIndustry.						K2
5	Identifygarmentfinishingmachineriesanditsworkingprinciples.						K4
<b>K1-Remember;K2-Understand; K3 -Apply;K4-Analyze;K5-Evaluate;K6–Create</b>							
<b>Unit:1</b>	<b>IntroductiontoGarmentIndustryProcess</b>						
Introductiontogarmentindustryprocessdetails.Spreadingmachine:Typesandworking Procedures. Cutting machines: Types of cutting machines and its application – Detailed study on bandknife, straight knife, drills & notches.							
<b>Unit:2</b>	<b>ClassificationofGarmentManufacturingMachines</b>						
Classificationofgarmentmanufacturingmachines&applications.StudiesondifferentsewingMachine– Lockstitchmachine(chainstitchformation)- Featuresofadvancedlockstitchingmachines.Overlockmachine –Classification-Threethreadover- lockmachine– Stitchforming elements.Briefstudyondoubleneedlelockstitchmachine,flat lockmachines.							
<b>Unit:3</b>	<b>SewingMachineanditsDetails</b>						
Sewing machine shapes - Sewing machine bed types-Description and application of each bed – Flatbed - Cylinder bed - Post bed – Applications. Feed mechanisms – Types - Drop feed – Compoundfeed-Unisonfeed–Dropandvariabletopfeed–Differentialbottomandvariabletopfeed (descriptionofeachtype offeedmechanismswithsketch).							
<b>Unit:4</b>	<b>MachineParts</b>						
Requirements – Guides – Types (edge & curve guide) - Compensating foot - Specialized presserFoot – Stitching jig- hem folders - Slack feeding and elasticsation – Cutting aids (threads, elastic andtapes) - Stacker. Simple automatics - Button hole – Button sew – Bar tack machine - Label sewers.Types and parts of machine needles – Needle sizes – Details of stand, table and motor for sewingmachines.							



<b>Unit:5</b>	<b>GarmentFinishingProcess</b>
Introduction to various machines for garment finishing – Fusing – Sucking – Ironing - Packing.Pressing-Purposeofpressing –Categories of pressing-The meansofpressing-pressing equipmentandmethods-Ironandsteampresses.Packaging-Typesofpackageforms-Typesofpackagingmaterials-Qualityspecificationofpackagingmaterials-MerchandisingPackaging- Shipmentpackaging-Selectionofpackagedesign.	
<b>TextBook(s)</b>	
1	TheTechnologyof ClothingManufacture,HaroldCarrandBarbara Latham, PublicationbyBlackwellScienceLtd, England1994.
2	IntroductiontoClothingManufacture,GerryCooklin,PublicationbyBlackwellScience Ltd, England1991.
3	TerryBrackenbury,KnittedClothingTechnology,PublicationbyBlackwell ScienceLtd,England,1992.
4	ClothingConstruction andWardrobePlanning,Dora.S.Lewis,MabelGoodeBowersandMariettaKettunen,Publicati on byTheMacmillan Company, NewYork, 1955.
<b>RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]</b>	
1	<a href="https://www.onlineclothingstudy.com/2018/05/machinery-needed-for-garment.html">https://www.onlineclothingstudy.com/2018/05/machinery-needed-for-garment.html</a>
2	<a href="https://garmentsmerchandising.com/garment-machine-function/">https://garmentsmerchandising.com/garment-machine-function/</a>
3	<a href="https://dir.indiamart.com/indianexporters/m_textmch.html">https://dir.indiamart.com/indianexporters/m_textmch.html</a>

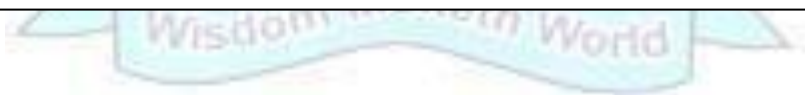


CourseCode		<b>BASIC APPAREL DESIGNING- PRACTICAL</b>	L	T	P	C
<b>CorePractical-II</b>			-	-	4	2
<b>BasicKnowledgeinGarmentMachineries</b>			Syllabus		2021 Onwards	
<b>CourseObjectives:</b>						
<ol style="list-style-type: none"> <li>To impart practical exposure in sewing operation.</li> <li>To acquaint students with the knowledge on basic sewing techniques.</li> <li>To impart the knowledge and skills required for garment designing.</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Manipulate the various seams, seam finish and bias finishing techniques.					P2
2	Customize the fullness methods, placket and fasteners attachments in garment.					P4
3	Construct the various body parts of a garment.					P4
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.						
<ol style="list-style-type: none"> <li>Preparation of Samples for Seams and Seam Finishes.</li> <li>Preparation of Samples for Hems.</li> <li>Preparation of Samples for Facing and binding. (Any 2)</li> <li>Preparation of Samples for Fullness. (Darts, Tucks, Pleats, Gathers, Flares, Ruffles, Godets and Gathers)</li> <li>Preparation of Samples for Plackets and fasteners. (Any 2)</li> <li>Preparation of Samples for different Sleeves. (Any 2)</li> <li>Preparation of Samples for different Collars. (Any 2)</li> <li>Preparation of Samples for different Yokes. (Any 2)</li> <li>Preparation of Samples for different pockets (Any 2)</li> </ol>						
<b>TextBook(s)</b>						
1.	Gayatri Verma and Kapil Dev, (2006). <i>Cutting and Tailoring Course</i> . New Delhi: Asian Publishers					
2	KR Zarapker, (2005). <i>Zarapker System of Cutting</i> . New Delhi: Navneet Publications Ltd.					
3	Thangam Subramaniam, (2006). <i>Dress Making - Bombay Tailoring and Embroidery College</i>					
4	Ruth Sleigh Johnson, (2011). <i>Practical sewing techniques</i> . London: A & C Black publishers					
<b>Related Websites</b>						
1	<a href="https://ecourseonline.iasri.res.in/mod/page/view.php?id=114171">https://ecourseonline.iasri.res.in/mod/page/view.php?id=114171</a>					
2	<a href="https://www.fibertofashion.com/industry-article/5658/basic-of-pattern-making">https://www.fibertofashion.com/industry-article/5658/basic-of-pattern-making</a>					
3	<a href="https://www.clothingpatterns101.com/style-lines.html">https://www.clothingpatterns101.com/style-lines.html</a>					

CourseCode		<b>BASIC ILLUSTRATION &amp; SKETCHING - PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>AlliedPractical-I</b>			-	-	3	2
<b>BasicKnowledgeinGarmentMachineries</b>			<b>Syllabus</b>		<b>2021 Onwards</b>	
<b>CourseObjectives:</b>						
<ol style="list-style-type: none"> <li>1. Studentswilllearnthebasicobjectsdrawingandshades.</li> <li>2. Theywill learnbasicheadtheoriesanddrawhumanfiguresatdifferentangles</li> <li>3. Theywill creategarment designforvariousseasononfashionfigures.</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
Onthesuccessfulcompletion ofthecourse,studentwill beableto:						
1	Composevarioustypes ofgarmentanditsparts					P4
2	Designdifferentkinds ofaccessoriesandornaments					P4
3	Deconstructthevariousheadtheoriesofhumanfigures,featuresanddifferentpositions ofbodyparts.					P3
<b>P1–Imitation;P2–Manipulation;P3–Precision;P4–Articulation;P5 –Naturalization.</b>						
<ol style="list-style-type: none"> <li>1. Differenttypesofcollar,Sleeve,Necklineandskirts.</li> <li>2. Differenttypesofladiestops,Shirt,Pant(Full andhalf)</li> <li>3. DifferenttypesofAccessories–Bags,footwear,hatsetc</li> <li>4. DifferenttypesofOrnaments</li> <li>5. Facialfeatures–Eyes,nose,lips,Ears</li> <li>6. Face,handslegs–Different positions</li> <li>7. Layfigure -7/1/2 head</li> <li>8. Fashionfigure-8,10,12head.</li> </ol>						
<b>TextBook(s)</b>						
1	PatricJohnIreland,FashionDesignIllustration–Women,B.T.BatsfortLtd, London(1993).					
2	PatricJohnIreland,FashionDesignDrawingand Presentation,B.T.BatsfortLtd, London(1982).					
3	PatricJohnIreland,FashionDesign Illustration–Men,B.T.BatsfortLtd,London(1996).					
4	Wolfgang.H.Hageney, ChecksAndStripes – ClassicVariationsinColourVol.I,Belveden(1997).					



# THIRDS EMESTER



CourseCode		<b>WOVEN FABRIC SCIENCE</b>	L	T	P	C
<b>Core-II</b>			<b>5</b>	-	-	<b>5</b>
<b>Basic Knowledge in Garment Machineries</b>			<b>Syllabus</b>		<b>2021 Onwards</b>	
<b>Course Objectives:</b>						
<ol style="list-style-type: none"> <li>1. To impart knowledge on woven fabrics</li> <li>2. To help students understand fabric formation process.</li> <li>3. To impart knowledge on woven fabric Designs and Structures.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Clarify the preparatory processes involved in the woven fabric production.					K2
2	Explain the principles of sizing process and its methods.					K2
3	Infer about the basic mechanism of loom and its structure.					K2
4	Categorize the woven fabrics and its structure					K4
5	Differentiate the types of looms and jacquard mechanisms involved in woven fabric production.					K4
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6-Create</b>						
<b>Unit:1</b>	<b>Preparatory Process</b>					
Classification of fabric forming methods – Weaving preparatory processes - Objects of winding process – Winding types – Passage of material through high-speed automatic cone winding machine – Passage of material through precision winding machine– Winding terminologies, open wind and close wind– Winding defects, causes & remedies. Pirn winding– Objects- Passage of material through an automatic high speed pirn winder.						
<b>Unit:2</b>	<b>Sizing Process</b>					
Objects of warping – Types of warping – Passage of material through high-speed modern beam warping machine & sectional warping machine – Warping defects, Causes & remedies. Objects of sizing – comparison of two cylinder, multi cylinder & hot air sizing machines – Sizing ingredients & their functions – Size paste preparation – Sizing defects, causes & remedies						
<b>Unit:3</b>	<b>Basic Mechanisms of Looms</b>					
Passage of material through plain power loom– Basic mechanisms of a loom– Primary, secondary & auxiliary motions– Tappet shedding– Cone overpick & underpick mechanisms– Beat up mechanism – Types of let off & take up mechanisms– Fabric defects, causes & remedies						
<b>Unit:4</b>	<b>Weaving and its types</b>					
Introduction to weaves – Weave diagram – Plain weave & derivatives – Twill weave & derivatives – Satin & sateen weaves – Ordinary and Brighten Honey Comb; Huck-a-Back; Mock Leno; extra warp and extra weft figuring– single and double colour.						
<b>Unit:5</b>	<b>Loom types</b>					
Objects of dobby & jacquard mechanisms – Types of dobby & jacquard – Study of negative & positive dobbies – Study of single cylinder & double cylinder jacquard mechanisms. Shuttle less looms: Introduction - Advantages - Types of shuttle less looms: projectile, rapier, air jet, water jet and multiphase weaving.						

<b>TextBook(s)</b>	
1	R.Marks,A.T.C.Robinson,PrinciplesofWeaving,TheTextileInstitute,Manchester(1976)
2	B.Hasmukhrai,FabricForming,SSM ITTCooperativestores Ltd, Komarapalayam(1996).
3	K.T.Aswani,FancyWeavingMechanism,MahajanBook Distributors,Ahmadabad(1990).
4	N.Gokarneshan,FabricStructureandDesign,NewAgeInternationalPublishers,NewDelhi(2004).
<b>RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]</b>	
1	<a href="https://www.cottonworks.com/topics/sourcing-manufacturing/weaving/basic-woven-designs-introduction-to-woven-fabric/">https://www.cottonworks.com/topics/sourcing-manufacturing/weaving/basic-woven-designs-introduction-to-woven-fabric/</a>
2	<a href="https://www.textileschool.com-453-wovendesign-">https://www.textileschool.com-453-wovendesign-</a>
3	<a href="https://www.intechopen.com/books/advances-in-modern-woven-fabric-technology/color-and-weave-relationship-in-woven-fabric">https://www.intechopen.com/books/advances-in-modern-woven-fabric-technology/color-and-weave-relationship-in-woven-fabric</a>



CourseCode	WOVEN FABRIC SCIENCE PRACTICAL			L	T	P	C
Core Practical-III				-	-	3	2
Basic Knowledge in Garment Machineries				Syllabus		2021 Onwards	
<b>Course Objectives:</b>							
<ol style="list-style-type: none"> <li>To impart the knowledge about the physical property of textile &amp; their testing procedures and to develop an understanding of the principles involved in testing.</li> <li>To identify the different types of weaves</li> <li>To understand the woven fabric designs</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to							
1	Calibrated design, draft and peg-plan for simple woven fabrics.					P3	
2	Determine the designs for decorative woven fabrics.					P3	
3	Formulate the draft and peg-plan for decorative woven fabrics					P3	
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.							
<ol style="list-style-type: none"> <li>To analyse the following particulars of the woven fabrics: Woven structural analysis: Design, Draft, Peg-plan</li> <li>Plain weave and its derivatives</li> <li>Twill weaves – 2/1, 3/1.</li> <li>Satin/Sateen</li> <li>Honeycomb</li> <li>Huck – a – back</li> <li>Crep weaves</li> <li>Extra Warp</li> <li>Extra Weft</li> <li>Mock leno</li> <li>Pile weave</li> <li>Fancy weave</li> </ol>							
<b>Text Book(s)</b>							
1	Principles of weaving, R. Marks, A.T.C. Robinson, Publication by the textile institute Manchester (1976)						
2	Fabric forming, B. Hasmukhroi, Publication by SSM ITT Cooperative stores Ltd, Komarapalayam (1996)						
3	Weaving mechanism Vol 1 & Vol 2, Prof. N.N. Banerjee, Published by Srimati. Tandra Banerjee, West Bengal (1999)						
4	Mechanism of Weaving machines, Prof. J.L. Chakravorty, Srimati B. Chakravorty, Serapur, Publication by West Bengal, 1984						
5	Handbook of Weaving, Sabit Adanur, Technomic publishing Company, Inc, USA (2001)						

**RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]**

1	<a href="https://www.cottonworks.com/topics/sourcing-manufacturing/weaving/basic-woven-designs-introduction-to-woven-fabric/">https://www.cottonworks.com/topics/sourcing-manufacturing/weaving/basic-woven-designs-introduction-to-woven-fabric/</a>
2	<a href="https://www.textileschool.com-453-wovendesign-">https://www.textileschool.com-453-wovendesign-</a>
3	<a href="https://www.intechopen.com/books/advances-in-modern-woven-fabric-technology/color-and-weave-relationship-in-woven-fabric">https://www.intechopen.com/books/advances-in-modern-woven-fabric-technology/color-and-weave-relationship-in-woven-fabric</a>





Coursecode	KNITTING&NON-WOVEN			L	T	P	C
Core-III				5	-	-	5
Basicknowledgeaboutfabricstructure				Syllabus		2021 Onwards	
<b>CourseObjectives:</b>							
Themainobjectives ofthiscourseareto:							
<ol style="list-style-type: none"> <li>1. Familiarizewiththebasicsofknittingprocess</li> <li>2. Impartknowledgeonthewarpandweftknittingtechniques</li> <li>3. Toknowtherecenttrendsandtechnologiesadoptedintheindustry</li> </ol>							
<b>ExpectedCourseOutcomes:</b>							
Onthesuccessfulcompletion ofthecourse,student will beableto:							
1	Outlinebasicsofknittingprocessandknittingmachineprocessfunctions.					K2	
2	Summarizethewarpandweftknittingprocessanditsproductiontechniques.					K3	
3	Explainseamlessknittingandcareofknittedfabricmaintenance.					K2	
4	Generalizenonwovenfabricproductionprocessanditsuses					K2	
5	Inferabouttechnicaltextilesapplicationsanditstypes.					K2	
<b>K1-Remember;K2-Understand; K3-Apply;K4-Analyze;K5-Evaluate;K6-Create</b>							
<b>Unit:1</b>	<b>KnittingOverview</b>						
Knitting–Definition,classificationandhistory,characteristicsofknittedgoods.Generaltermsandprinciplesofknittingtechnology,machineknitting,partsofmachine,knittedloopstructure, stitch density							
<b>Unit:2</b>	<b>Principlesof Weft&amp;Warp KnittingTechnology</b>						
Weft knitting – classification - circular rib knitting machine, purl, interlock, jacquard - singlejerseymachine-basic knittingelements-types andfunctions– knittingcycle, CAM– system -3-waytechnique to developdesign-knit,tuck, miss -effect of stitchesonfabricproperties. Warpknitting-lappingvariations-tricot,raschel,simplexandMilanese-kittenraschel-singlebar,2bar,multibarmachines.typesofthreading,productionofnets,curtains,heavyfabrics, elasticizedfabrics.							
<b>Unit:3</b>	<b>Seamless Knitting&amp; KnittingCare</b>						
Seamless Knitting – Applications, advantages, and limitations. Care and maintenance of knittedmaterial-washing,drying,ironing,storing.Commondefectsthatoccurin knittedfabricproduction.							
<b>Unit:4</b>	<b>Non-woven</b>						
Non-woven-Introduction,Definition,Classification,scope&applicationsofNon-woven-Fibers used-webpreparation,opening,cleaningmachine,productionofparallellaidweb,crosslaid,andrandom laidweb. Bondingmethods-mechanical,thermal, chemical.							
<b>Unit:5</b>	<b>TechnicalTextiles</b>						
Introduction, Definition, scope and importance & uses. Applications of agro-tech, build-tech, cloth-tech, home-tech, indu-tech, mechanical-tech, sports-tech, pack-tech, mobile-tech, protect-tech, geo-tech,medical-tech.							
<b>TextBook(s)</b>							
1	KnittingManufactureTechnology-Anbumani, NewAgeInternational, Chennai ,2006						
2	KnittingandApparelTechnology,S.S.M.I.TCo-operativeSociety.2005						
3	KnittingTechnology,DavidJ.Spencer,WoodheadPublishingLtd.,CambridgeEngland,2002						
4	KnittingTechnology, D BAjgaonker,UniversalPublishingCorporation,1998						
5	Geotextiles-N.W.M.John,Blackir,London.						
6	Non-woven,ArulDhakiya,M.G.Kamath,Raghavendra,R.Hedge &MonicaKannadnguli						

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1	<a href="https://fashion2apparel.blogspot.com/2017/02/seamless-garments-advantages.html">https://fashion2apparel.blogspot.com/2017/02/seamless-garments-advantages.html</a>
2	<a href="https://www.indiaretailing.com/2018/06/12/fashion/indian-knitwear-market-present-and-the-future-trends/">https://www.indiaretailing.com/2018/06/12/fashion/indian-knitwear-market-present-and-the-future-trends/</a>
3	<a href="https://www.fibre2fashion.com/industry-article/64/overview-of-tirupur-knitwear-industry">https://www.fibre2fashion.com/industry-article/64/overview-of-tirupur-knitwear-industry</a>
4	<a href="https://www.fibre2fashion.com/industry-article/7047/seamless-garment-technology">https://www.fibre2fashion.com/industry-article/7047/seamless-garment-technology</a>
5	<a href="https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html">https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html</a>



Coursecode	<b>KNIT FABRIC DESIGN &amp; ANALYSIS</b>			L	T	P	C
<b>Core Practical-IV</b>					-	3	2
<b>Basic knowledge about knit fabric</b>					<b>Syllabus</b>		<b>2021 Onwards</b>
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. Identify the loop structure of the fabric</li> <li>2. Identify different types of knitted fabric sample</li> <li>3. Identify fabric defects, its cause and work on the remedies</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
1	Discover loop structure and graphical representation of weft knit fabrics						P3
2	Determine the loop structure and graphical representation of warp knit fabrics						P3
3	Classify the different defects from the knitted fabrics.						P4
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.							
<b>1. Identify the Given Fabric Sample Using Unravel and Graphic Representation Method</b>							
<ul style="list-style-type: none"> <li>• Plain Knit</li> <li>• Rib Knit</li> <li>• 1x1</li> <li>• 2x2</li> <li>• Interlock</li> <li>• Pique– any 2 structures</li> <li>• Tricot</li> <li>• Raschel</li> </ul>							
<b>2. Analyze the Defects</b>						<b>30 hours</b>	
<ul style="list-style-type: none"> <li>• Vertical and horizontal lines</li> <li>• Holes and cuttings</li> <li>• Distorted</li> </ul>							
<b>Text Book(s)</b>							
1	Knitting Manufacture Technology, Anbumani, New Age International, Chennai, 2006						
2	Knitting and Apparel technology, S.S.M.I.T Co-operative Society. 2005						
3	Knitting Technology, D BA Jgaonker, Universal Publishing Corporation, 1998						
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>							
1	<a href="https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html">https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html</a>						
2	<a href="https://sciencedirect.com/topic/engineering/knitting-technology">https://sciencedirect.com/topic/engineering/knitting-technology</a>						
3	<a href="https://nptl.ac.in/course/116/102/116102008/">https://nptl.ac.in/course/116/102/116102008/</a>						

Coursecode		<b>CHILDREN'S APPAREL PRACTICAL</b>	L	T	P	C
		<b>Core Practical-V</b>	-	-	5	3
<b>Basic knowledge about knit fabric</b>					<b>Syllabus</b>	<b>2021 Onwards</b>
<b>Course Objectives:</b>						
1. Designing, drafting and constructing the following garments for the features Prescribed 2. List the measurements required and materials suitable Calculate the cost of the garment 3. Calculate the material required-Layout method and direct measurement Method						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Design and generalize the measurements for the various kids' garments.					P3
2	Prepare patterns and calculate material requirement for the designed kid's wear.					P3
3	Construct the designed kid's garment and calibrate the cost of the garment.					P5
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.						
<ol style="list-style-type: none"> <li>1. Bib-Variation in outline shape</li> <li>2. Panty-plain or plastic lined panty</li> <li>3. Jabla-without sleeve, front open (or) Magyar sleeve, back opens</li> <li>4. Babasuit-knicker with chest piece attached (or) Romper</li> <li>5. A-Line Frock-double pointed dart, neckline and armhole finished with facing</li> <li>6. Summer frock- with suspenders at shoulder line, without sleeve/collars (or) Angel top with raglan sleeve, fullness at neck line</li> <li>7. Yoke frock-yoke at chest line, with open, puff sleeve, gathered skirt OR frock-with collar, without sleeve, gathered/ circular skirt at waist line (or) Princess line frock</li> <li>8. Knicker-elastic waist, side pockets.</li> <li>9. Shirt-open collar, with pocket</li> </ol>						
<b>Text Book(s)</b>						
1	Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai (1986)					
2	Zarapker System of Cutting-Zarapker. K.R, Navneet Publications Ltd.					
3	Cutting & Tailoring course, Gayathri Verma & Kapil Dev, Computech Publications					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://epgp.inflibnet.ac.in/home/viewssubject?catid=827">https://epgp.inflibnet.ac.in/home/viewssubject?catid=827</a>					
2	<a href="https://www.youtube.com/watch?v=LuazkYL0j3a">https://www.youtube.com/watch?v=LuazkYL0j3a</a>					
3	<a href="https://www.youtube.com/watch?v=nI-shbmnuVg">https://www.youtube.com/watch?v=nI-shbmnuVg</a>					

Coursecode	FASHIONDESIGNING			L	T	P	C	
Allied-III				4	-	-	4	
Havebasicknowledgeindesigning				Syllabus		2021 Onwards		
<b>CourseObjectives:</b>								
Themainobjectives ofthiscourseareto:								
<ol style="list-style-type: none"> <li>1. Impartknowledgeondesignconcepts inthefieldoffashion</li> <li>2. Familiarizewiththefashioncycles,consumersandtheories</li> <li>3. Designsuitablegarmentsforunusualfiguretypes</li> </ol>								
<b>ExpectedCourseOutcomes:</b>								
Onthesuccessfulcompletion ofthecourse,studentwill beableto:								
1	Distinguishfashionanddifferentiateelements andprinciplesofdesign						K2	
2	Generalizethecolourcombinationswithstandardcolourharmonies						K3	
3	Interpretthefashionevolution,consumergroupsinfashiontheoriesandforecasting.						K4	
4	Justifythedifferentdressdesignsforunusualfiguretypes						K4	
5	Describefashionterminologiesandfashionprofiles						K2	
<b>K1-Remember;K2-Understand; K3 -Apply;K4-Analyze;K5-Evaluate; K6–Create</b>								
<b>Unit:1</b>		<b>DesignElementsandPrinciples</b>						
Design-definitionandtypes – structuralanddecorativedesign,requirementsofagoodstructuralanddecorativedesign in dress Elementsofdesignanditsapplicationindress–line,shapeorform,colourandtexture.Principlesofdesignand itsapplicationin dress– balance,rhythm, emphasis, harmonyand proportion.								
<b>Unit:2</b>		<b>Standard ColourHarmonies</b>						
Colourtheories; Prangcolour chartDimensions ofcolour-hue,value,andintensity. Standardcolourharmonies– Related,ContrastingandNeutralcolourharmony;ApplicationofColourin principles ofdesign- applicationofthesame in dress design.								
<b>Unit:3</b>		<b>FashionEvolutionandFashion Forecasting</b>						
Fashionevolution–Fashioncycles,Lengthofcycles,consumergroupsinfashioncycles– fashionleaders,fashioninnovators,fashionmotivation,fashionvictim,Fashionfollowers.Adoptionof Fashiontheories–Trickledown,trickleupandtrickleacross.Fashionforecasting– Needforforecasting								
<b>Unit:4</b>		<b>DesigningDressesforUnusualFigures</b>						
Deigningdressesforunusualfigures–becomingandunbecoming– forthefollowingfiguretypes.Stoutfigure,thinfigure,slenderfigure,narrowshoulders,broadshoulders,round shoulders,large bust,flatchest,largehip,largeabdomen,roundface,largeface,smallface,prominentchinandjaw,prominent forehead								
<b>Unit:5</b>		<b>FashionTerminologiesandFashionProfiles</b>						
Definitionandmeaningofthefashionterms–fashion,style,line andcollection,Mannequinanddressforms; fashionshow;highfashion; Haute couture,coutureandcouturier;knock-off;AvantGarde; Pret –a– porter.Role/qualitiesofaFashionDesigner,FashionStylist,FashionJournalist,FashionMerchandiser,Fashio n Director.								

<b>TextBook(s)</b>	
1	FashionSketchBook–BinaAbling,FairChildPublications,NewYorkWardrobe,1988.
2	ArtandFashioninClothingSelection–McJimseyand Harriet,IowaStateUniversityPress,Jowa,1973.
3	FashionfromConcept ToConsumer–FringsGiniStephens,PearsonEducation,US,1998.
4	InsidetheFashion Business– KittyG.Dickerson,PearsonEducation,US,2007.
<b>RelatedOnlineContents[MOOC,SWAYAM, NPTEL, Websitesetc.]</b>	
1	<a href="https://www.apparesearch.com/terms/index.html">https://www.apparesearch.com/terms/index.html</a>
2	<a href="https://www.instyle.com/fashion">https://www.instyle.com/fashion</a>
3	<a href="https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/">https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/</a>



Coursecode	FASHIONDESIGNINGPRACTICAL		L	T	P	C
AlliedPractical-III			-	-	3	2
KnowledgeinFashionSketching			Syllabus		2021 Onwards	
<b>CourseObjectives:</b>						
Themainobjectives ofthiscourseareto:						
<ol style="list-style-type: none"> <li>1. Familiarizewiththeelements andprinciplesofdesign</li> <li>2. Playwithcoloursfollowingthe standardcolour harmonies</li> <li>3. Create garmentdesignforvariousseasonsonfashion figures</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
Onthesuccessfulcompletion ofthecourse,studentwill beableto:						
1	DemonstratePrangcolourchart,valueandintensitychart					P3
2	Calibratevariousheadtheoriesandfiguresforachild,women andmen					P3
3	Sketchgarmentdesignsbyusingelements ofdesignandalsotheapplications ofprinciplesofdesign.					P4
4	Develop colour harmonies in garment design and design garments for variousseasons.					P5
<b>P1–Imitation;P2–Manipulation;P3–Precision;P4–Articulation; P5 –Naturalization.</b>						
<b>1.Prepare thefollowingCharts</b>						
<ul style="list-style-type: none"> <li>• Prangcolourchart,</li> <li>• Valuechart</li> <li>• Intensitychart</li> </ul>						
<b>2.IllustrateHumanFigurefortheFollowingHeads</b>						
<ul style="list-style-type: none"> <li>• Child - 6head</li> <li>• Women–8head,10 headand12head</li> <li>• Man–10head</li> </ul>						
<b>3.IllustrateGarmentDesignsfortheElements of Design (3each)</b>						
<ul style="list-style-type: none"> <li>• Line</li> <li>• Texture</li> <li>• Shape</li> </ul>						
<b>4.IllustrateGarmentDesigns forthePrinciplesof Design</b>						
<ul style="list-style-type: none"> <li>• Balance(FormalandInformal)</li> <li>• Harmony</li> <li>• Emphasis</li> <li>• Proportion</li> <li>• Rhythm(byRepetition,GradationandLineMovement)</li> </ul>						
<b>5.IllustratetheColourHarmonyin DressDesign</b>						
<ul style="list-style-type: none"> <li>• Monochromatic</li> <li>• Analogous</li> <li>• Complimentary</li> </ul>						

<ul style="list-style-type: none"> <li>• Doublecomplementary</li> <li>• Splitcomplementary</li> <li>• Triad</li> <li>• Neutral</li> </ul>	
<b>6.CreateGarmentsfortheFollowingSeasons</b>	
<ul style="list-style-type: none"> <li>• Summer</li> <li>• Winter</li> <li>• Autumn</li> <li>• Spring</li> </ul>	
<b>TextBook(s)</b>	
1	FashionSketch Book,BinaAbling,FairChildPublications,NewYorkWardrobe,1988.
2	IllustratingFashion,KathrynMcKelveyandJanineMunslow,BlackwellScience,1997.
3	ArtandFashioninClothingSelection,McJimseyandHarriet,IowaStateUniversityPress,Jowa,1973.
<b>RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]</b>	
1	<a href="https://www.idrawfashion.com/">https://www.idrawfashion.com/</a>
2	<a href="https://www.fashionistasketch.com/drawing-faces-fashion-illustration/">https://www.fashionistasketch.com/drawing-faces-fashion-illustration/</a>
3	<a href="https://in.pinterest.com/pin/458804280762797371/">https://in.pinterest.com/pin/458804280762797371/</a>





Coursecode	FUNDAMENTALS OF TEXTILES			L	T	P	C
NMEC_I				2	-	-	2
Have basic knowledge in designing				Syllabus		2021 Onwards	
<b>Course Objectives:</b>							
<ol style="list-style-type: none"> <li>1. The subject aims to make the students different types of fabrics, yarn &amp; its use.</li> <li>2. To facilitate the student to understand the structural features of Fibers and Yarn.</li> <li>3. To investigate techniques of textile fibers and yarn with its manufacturing process.</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
1	Categorize textile fibres and its characteristics.						K2
2	Interpret the manufacturing process, properties and uses of different textile fibres						K2
3	Explain fibre spinning methods and categorized different kind of yarns.						K2
4	Infer about woven fabric production and the constructional parameters of fabric.						K2
5	Generalize the non-woven fabric production process and its application.						K2
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6-Create</b>							
<b>Unit:1</b>	<b>Fiber Classification</b>						
Introduction to the field of Textiles – classification of fibers – natural and chemical – primary and secondary characteristics of textile fibers.							
<b>Unit:2</b>	<b>Fiber properties and uses</b>						
Manufacturing process, properties and uses of natural fibers – cotton, linen, jute, pineapple, hemp, silk, wool, hair fibres, Man-made-fibres – viscose rayon, acetate rayon-nylon, polyester, and acrylic.							
<b>Unit:3</b>	<b>Spinning &amp; Yarn Classification</b>						
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 properties .							
<b>Unit:4</b>	<b>Woven</b>						
Woven – basic weaves – plain will, satin, fancy weaves – pile, double cloth, leno, swivel, tappet, doobby and jacquard, weaving technology- process Sequence – machinery details.							
<b>Unit:5</b>	<b>Non-Woven</b>						
Non-woven- felting, fusing, bonding, lamination, netting, braiding and calico, tating and crocheting							

Role/qualities of a Fashion Designer, Fashion Stylist, Fashion Journalist, Fashion Merchandiser, Fashion Director.							
<b>Text Book(s)</b>							
1	Fashion Sketch Book – Bina Abling, Fair Child Publications, New York Wardrobe, 1988.						
2	Fashion from Concept To Consumer – Frings Gini Stephens, Pearson Education, US, 1998.						
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>							
1	<a href="https://nptl.ac.in/courses/116/102/116102026/">https://nptl.ac.in/courses/116/102/116102026/</a>						
2	<a href="https://www.intechopen.com/books/advances-in-modern-woven-fabric-technology/color-and-weave-relationship-in-woven-fabric">https://www.intechopen.com/books/advances-in-modern-woven-fabric-technology/color-and-weave-relationship-in-woven-fabric</a>						
3	<a href="https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html">https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html</a>						

# FOURTHS EMESTER



CourseCode	TEXTILE TESTING & QUALITY CONTROL		L	T	P	C
Core-V			3	-	-	3
Basicknowledgeintextilefibers, yarns&fabrics			Syllabus		2021 Onwards	
<b>Course Objectives:</b>						
Themainobjectives ofthiscourseareto:						
<ol style="list-style-type: none"> <li>1. Instructaboutvarious testforyarns, fabrics&amp;garments</li> <li>2. Describeaboutvarious levels ofinspection&amp;itsprocedureinapparelproduction</li> <li>3. Describeaboutvarious norms &amp;standards followed in testingandinspection</li> </ol>						
<b>Expected Course Outcomes:</b>						
Onthesuccessful completionofthe course,student will beableto:						
1	Explainthetestingprocedureforvarious yarnparameters					K2
2	List outthespecifications forvariouswoven&knitted fabrics					K2
3	Differentiatethevarious systemsusedforfabricinspection					K4
4	Listoutthepossibledefectsanditscausesinapparelproduction					K2
5	Differentiatethecategories ofdefects ingarmentand thevariousstandards followedinapparel testing					K4
<b>K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create</b>						
<b>Unit:1</b>		<b>Yarn Testing</b>				
ImportanceofQuality.Qualityterminologies.Testing: ObjectivesofTesting-atmosphericconditions for testing lab. Identification of textile fibers. Yarn numbering systems – Determinationof yarncount.Yarn strength testing&CSP. Testingofyarnevenness,yarntwist &Hairiness Measurement						
<b>Unit:2</b>		<b>Fabric Testing</b>				
Knittedfabrics specifications –TestingofDimensional stability, Spirality& Bowing. Testingof colourfastnesstowashing,rubbing,perspiration&light-Grey scalesandratings.Briefstudyabouttestingofwoven fabric.						
<b>Unit:3</b>		<b>Rawmaterial Inspection</b>				
Inspection:Definition-TypesofInspection.Rawmaterialsinspection: fabricinspection systems &TestingofSewingthread, zippers, Buttons.						
<b>Unit:4</b>		<b>Inprocess inspection</b>				
Inprocessinspectionanditssignificanceinapparelquality.Defects inSewing, Ironing& Packing.TestingofSeamstrength &seamslippage						
<b>Unit:5</b>		<b>Final Inspection &amp; Standards</b>				
Finalinspectionprocedures.Categoriesofdefects.Packagequalitytesting– carelabels.BriefstudyaboutTestingStandards.Brief studyabout Oeko- TexStandards.						
<b>Text Book(s)</b>						
1	PhysicalTestingofTextiles, 1st Edition, BPSaville, WoodheadPublishing, 1999					
2	ManagingQualityinApparel Industries, PradeepVMetha&Satish K.Bhardwaj, NIFT, 1998					
3	Stamper, Evaluatingapparelquality, SueHumphriesSharp, LindaDonnell&AnithaAFairchildBooks, 1991					
4	TextileTesting, ArindamBasu, South IndiaTextileResearchAssociation, 2006					

**Related websites**

1	<a href="http://textilemerchandising.com/quality-assurance-and-quality-control/">http://textilemerchandising.com/quality-assurance-and-quality-control/</a>
2	<a href="https://insight-quality.com/garment-quality-control-procedures/">https://insight-quality.com/garment-quality-control-procedures/</a>
3	<a href="https://garmentsmerchandising.com/acceptable-quality-level-apparel-industry/">https://garmentsmerchandising.com/acceptable-quality-level-apparel-industry/</a>
4	<a href="http://texhour.com/aql-and-type-of-defects">http://texhour.com/aql-and-type-of-defects</a>



Coursecode	TEXTILE WET PROCESSING			L	T	P	C
Core-VI				3	-	-	3
Basicknowledgeintextilefinishing				Syllabus		2021 Onwards	
<b>CourseObjectives:</b>							
Themain objectivesofthis courseareto:							
<ol style="list-style-type: none"> <li>1. DyeandPrint thefabricstheusingsuitable dyesandprints</li> <li>2. PrepareonEffluent anditsimpact</li> <li>3. Preparethefabricfor finishing</li> </ol>							
<b>ExpectedCourseOutcomes:</b>							
Onthesuccessfulcompletion ofthecourse,studentwill beableto:							
1	Generalizethepre-preparatoryprocesssequenceinatextileindustry						K2
2	Explainthetypesoffinishesusedintextilematerials						K2
3	Discoverthetextiledyesand dyeingmethods						K3
4	Inferaboutdirectprintingmethods						K2
5	Outlineaboutdischargeprintingandtheneedforeffluenttreatment						K2
<b>K1</b> -Remember; <b>K2</b> -Understand; <b>K3</b> -Apply; <b>K4</b> -Analyze; <b>K5</b> -Evaluate; <b>K6</b> – Create							
<b>Unit:1</b>	<b>WetProcessingProcess andBasicFinishes</b>						
Processsequenceoftextilewetprocessing;Finishestypes–Basicfinishes, Aestheticfinishes, FunctionalfinishesandSpecialpurposefinishes.BasicFinishes– Singeing,desizing,scouring,bleachingand mercerizing– Processsequenceandmethods.							
<b>Unit:2</b>	<b>Aesthetic,FunctionalandSpecialFinishes</b>						
Aestheticfinish–glazed,Moire,embossed,nappedfinishFunctionalfinish–Waterrepellant,flame retardant,antistaticfinishSpecialpurposefinish–fragrance,antibacterial,stonewashandenzymewashin denimRecenttrends– Microencapsulationand nano finishes.							
<b>Unit:3</b>	<b>DyesandDyeingMachines</b>						
Dyes–classificationandsuitabilityofdyesto thefabric,stagesofdyeing–fiber,yarn,fabricand garmentdyeing,Naturaldyesanditssignificance,Dyeingmachines–loosestockfiberbale–hankpackage –jigger–winch–HT&HPBeam,jet–paddingmangles.Garmentdyeingmachines							
<b>Unit:4</b>	<b>DirectPrinting</b>						
Printing–DifferencebetweendyeingandPrinting.PreparationofPrintingPaste,Propertiesandtypesof Thickeners,DirectPrinting–BlockPrinting-Historyandtechniquesused.ScreenPrinting– FlatscreenandRotaryscreen, techniquesused.							
<b>Unit:5</b>	<b>Resist,DischargePrintingandEffluentTreatment</b>						
DischargePrinting,othermethods–DigitalPrinting,HeattransferprintingEffluentTreatment–Pollution createdbythe processingunit,ProcesssequenceinEffluenttreatmentPlant.							
<b>TextBook(s)</b>							
1	TextileChemistry,PatersR.H,ElsevierPublishing,1967.						
2	TechnologyofTextileProcessing,ShenaiV.A.,Sevakpublications,Bombay, 1981.						
3	TextileFinishing,Shenai.V.A.SevakPublications,Mumbai,1999.						
4	FunctionalFinishes,MenachemLewinandStephenB.Sello,MarcelDekker,Inc.,1984.						
5	TextileFinishing,R.S.Prayag,ShreeJPrinters,India,1994.						
<b>RelatedOnlineContents[MOOC,SWAYAM,NPTEL,Websitesetc.]</b>							
1	<a href="https://textilecourse.blogspot.com/2018/08/working-process-printing-">https://textilecourse.blogspot.com/2018/08/working-process-printing-</a>						
2	<a href="http://www.neoakruthi.com/blog/etp-for-textile-industry.html">http://www.neoakruthi.com/blog/etp-for-textile-industry.html</a>						
3	<a href="https://textilelearner.blogspot.com/2011/08/flow-chart-of-wet-processing-process.html">https://textilelearner.blogspot.com/2011/08/flow-chart-of-wet-processing-process.html</a>						
4	<a href="https://www.textileschool.com/343/fabric-wet-processing-techniques/">https://www.textileschool.com/343/fabric-wet-processing-techniques/</a>						
5	<a href="https://www.fibre2fashion.com/industry-article/1699/special--finishes-to-garment-an-overview">https://www.fibre2fashion.com/industry-article/1699/special--finishes-to-garment-an-overview</a>						

Coursecode		<b>WOMEN'S APPAREL PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
		<b>Core Practical-VI</b>	-	-	<b>6</b>	<b>3</b>
		<b>Basic knowledge about knit fabric</b>			<b>Syllabus</b>	<b>2021 Onwards</b>
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Design Garments for women</li> <li>2. Impart Skills in pattern drafting</li> <li>3. Construct garments by sewing</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Design and generalize the measurements for the various women's garments.					P3
2	Prepare patterns and calculate material requirement for the designed women's wear.					P3
3	Construct the designed women's garment and calibrate the cost of the garment.					P5
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.						
<b>Calculate the material required – Layout method and Direct measurement method</b>						
<ol style="list-style-type: none"> <li>1. Saree Petticoat-Six Panel, Decorated bottom.</li> <li>2. Skirts–Circular/umbrella/panel with style variations.</li> <li>3. Blouse- front open, Fashioned neck, Waistband at front, with sleeve.</li> <li>4. Salwar (or) Churidar (or) Parallels (or) Bell Bottom</li> <li>5. Kameez –with /without slit, with or without flare, with /without opening, with or without panels, with /without yoke.</li> <li>6. Nightie–With yoke, front open, with sleeve, full length.</li> <li>7. Ladies pant-waistband, zip attached, tight fitting/parallel pants.</li> <li>8. Short kurta/top–Decorative/surface design in tailored placket, with or without collar.</li> </ol>						
<b>Text Book(s)</b>						
1	Scientific garment quality–KM Illegand Sons, Plot No.43, Somuvar Peth pune 411011					
2	Practical Clothing Constructing–Part I and II, Mary Mathews, Cosmic Press, Chennai (1986)					
3	Dressmaking–Smt Thangam Subramaniam Bombay Tailoring and embroidery college 32					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://www.patternsonline.com-default.aspx">https://www.patternsonline.com-default.aspx</a>					
2	<a href="https://shoeguide.com/">https://shoeguide.com/</a>					

Coursecode		<b>TEXTILE WET PROCESSINGPRAC TICAL</b>	L	T	P	C
<b>CorePractical-VII</b>			-	-	6	3
<b>Basicknowledgeaboutknitfabric</b>				<b>Syllabus</b>		<b>2021 Onwards</b>
<b>CourseObjectives:</b>						
Themainobjectives ofthiscourseareto: <ol style="list-style-type: none"> <li>1. Togainapractical on-handtrainingonpreparatoryprocess.</li> <li>2. Tounderstandthetechnical importanceofwetprocessing.</li> <li>3. Toplanvariousprocessrequirementsfordying.</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
Onthesuccessfulcompletion ofthecourse,studentwill beableto:						
1	Preparethesamplesbypre-treatmentprocessand calculatetheweightlosspercentage.					P5
2	Formulatetherecipeforthefabricsampledyeing					P5
3	Producethesamplebyformulatedrecipeand calibrateshadepercentage.					P5
<b>P1–Imitation;P2–Manipulation;P3–Precision;P4–Articulation; P5 –Naturalization.</b>						
<p><b>PreparationofsamplesforProcessing:</b></p> <ul style="list-style-type: none"> <li>➤ Desizing</li> <li>➤ Scouring</li> <li>➤ Bleaching</li> <li>➤ Mercerising</li> </ul> <p><b>Dyethegivenfabricusingsuitable dye:</b></p> <ul style="list-style-type: none"> <li>➤ DirectDye</li> <li>➤ SulphurDyes</li> <li>➤ VatDye</li> <li>➤ DisperseDye</li> <li>➤ ReactiveDyes</li> <li>➤ AcidDye</li> </ul>						
<b>TextBook(s)</b>						
1	AATCCGarmentwetprocessingTechnicalmanual (1994)					
2	Textileprocessingandproperties,Preparation,Dying,Finishing&Performance,Tyrone L.Vigo,elsewherepublishing,Netherland					
3	TextileWetprocessing,Manoj Dole,ManojDolePublicationsCo.India(2018)					
<b>RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]</b>						
1	<a href="https://britannica.com/topic/textile/dying-and-printing">https://britannica.com/topic/textile/dying-and-printing</a>					
2	<a href="https://www.sciencedirect.com-topics/engineering/dying-process">https://www.sciencedirect.com-topics/engineering/dying-process</a>					

Coursecode		<b>HOMETE XTILES</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Allied-IV</b>			<b>3</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>KnowledgeaboutchoiceoffabricsforHomeTextiles</b>			<b>Syllabus</b>		<b>2021 Onwards</b>	
<b>CourseObjectives:</b>						
Themainobjectives ofthiscourseareto:						
<ol style="list-style-type: none"> <li>1. Impartknowledgeonthevarioushometextileproducts</li> <li>2. Gaininsights onthebedlinens,kitchenlinens,bathroomlinens</li> <li>3. Acquirebetter understandingonthechoiceoffabrics forthehometextile products</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
Onthesuccessfulcompletion ofthecourse,studentwill beableto:						
1	Classifythehometextileproductsandlist out thefabricselectionfactors.					K2
2	Categorizethetypes offloorandwallcoveringsinhometextiles.					K4
3	Distinguishdoorsandwindowtreatments inhomefurnishing					K4
4	Generalizethefurnishingusedinlivingroom.					K2
5	Discoverthefurnishingtypesofkitchen anddining.					K4
<b>K1-Remember;K2-Understand; K3 -Apply;K4-Analyze;K5-Evaluate;K6–Create</b>						
<b>Unit:1</b>	<b>IntroductiontoHometextiles</b>					
Introductiontohometextiles,definition,typesofhometextiles,factorsinfluencingselectionofhometextiles , recent trendsinhometextiles.						
<b>Unit:2</b>	<b>Floorandwallcoverings</b>					
Floor andwallcoverings–definition,typesoffloorcovering–hard,softandresilientfloorcoverings and uses and care and maintenance of floor coverings. Wall covering- definition, uses,careand maintenanceofwall coverings.						
<b>Unit:3</b>	<b>DoorandWindow treatments</b>					
Doorandwindowtreatments–definitionandpartsofdoorandwindows,curtainsanddraperies– definitionandmaterialsusedforcurtainsanddraperies.TypesofCurtains–draw,tailored,pleated, cafe,threetiercurtains.TypesofDraperies–swags.Accessories-rodhook,rails,racks,curtainapepins.						
<b>Unit:4</b>	<b>Softfurnishingsforlivingrooms</b>					
Soft furnishings for living and bed linen. Introduction to living and bedroom linens, types-sofa, sofacovers,wallhangings,cushion,cushioncovers,upholsteries,bolsterandbolstercovers,bedsheets, covers,blankets,blanketcovers,comfortandcomfortcovers,bedspreads,mattressandmattresscovers,pill ow and pillowcovers, pads, usesand care.						
<b>Unit:5</b>	<b>Softfurnishingforkitchen anddining</b>					
Softfurnishingsforkitchenanddining,typesofkitchenlinens– kitchentowel,aprons,dishcloth,fridge,grinderandmixiecovers,mittens,fridge holders–their usesandcare.Typesof dining-table mat,dish/potholders,cutleryholder,fruitbaskets,handtowels-usesandcare.Bathroomlinens–types, usesandcare.						
<b>TextBook(s)</b>						
1	HomeComforts- TheArtsandScienceofKeepingHome,CherylMendelson,Scriber,NewYork,2005					
2	CushionsandPillows-ProfessionalSkills–MadeEasy,HamlynOctopus, OctopusPublishingGroup, NewYork, 2001					
3	TheUltimateSewingBook200SewingIdeasFor YouandYourHome,MagiMcMcCormickGordon, CollinsandBrown,London,2002					
4	Design andmakecurtains,Heather Luke,NewHollandpublishers, London,1999					
5	CornucopiaofCushions, SusieJohns,ApplePress,London,1997					
6	ArtinEverydayLife,HarrietGoldsteinandVettaGoldstien,TheMacmillianCompany,2004					





8	HomeFurnishing, V.RameshBabuandS.Sundaresan, WoodheadPublishingIndiaPvt.Limite d,2018
<b>RelatedOnlineContents[MOOC,SWAYAM, NPTEL, Websitesetc.]</b>	
1	<a href="https://www.homestratosphere.com/types-curtains/">https://www.homestratosphere.com/types-curtains/</a>
2	<a href="https://bettersleep.org/mattress-education/mattress-accessories/pillow-types/">https://bettersleep.org/mattress-education/mattress-accessories/pillow-types/</a>
3	<a href="https://textilecourse.blogspot.com/2018/06/types-classification-home-textiles.html">https://textilecourse.blogspot.com/2018/06/types-classification-home-textiles.html</a>
4	<a href="https://www.fibre2fashion.com/industry-article/1769/home-textiles-a-review">https://www.fibre2fashion.com/industry-article/1769/home-textiles-a-review</a>
5	<a href="http://www.india-crafts.com/textile/home-textile.html">http://www.india-crafts.com/textile/home-textile.html</a>



Coursecode	<b>EMBROIDERY&amp;ACCESSORIES MAKINGPRACTICAL</b>				L	T	P	C
<b>SBEC-I</b>						-	5	3
<b>Basicknowledgeaboutknitfabric</b>						<b>Syllabus</b>		<b>2021 Onwards</b>
<b>CourseObjectives:</b>								
<ol style="list-style-type: none"> <li>1. To impart knowledge to the students about the hand and machine embroidery.</li> <li>2. To learn the various types of stitches.</li> <li>3. To provide opportunity for skill development in designing accessories.</li> <li>4. To impart knowledge on fashion accessories &amp; creativity.</li> </ol>								
<b>Expected Course Outcomes:</b>								
On the successful completion of the course, student will be able to:								
1	Produce the hand and machine embroidery samples							P4
2	Prepare decorative samples using beads or mirrors or sequins etc.,							P5
3	Develop complex fashion accessories by learning to design different accessories manually							P5
<b>P1–Imitation;P2–Manipulation;P3–Precision;P4–Articulation;P5–Naturalization.</b>								
<b>A. Prepare samples for the following</b>								
<ol style="list-style-type: none"> <li>1. Hand embroidery–20stitches-10samples</li> <li>2. Machine embroidery-7stitches-3samples.</li> <li>3. Applique(machine/ hand )-3 types</li> <li>4. Smocking– 4types</li> <li>5. Bead Work-1 sample</li> <li>6. Sequins work-1 sample</li> <li>7. Zardosi work-1 sample</li> <li>8. Tassels and fringes-2-3samples.</li> <li>9. Mirror work–Shapes(Round, square,diamond)- 3samples</li> <li>10. Fixing the stones-1 sample.</li> </ol>								
<b>B. Traditional surface ornamentation practices with two of four variations in the following,</b>								
<ol style="list-style-type: none"> <li>1. Kantha</li> <li>2. Chikan</li> <li>3. Kasuti</li> <li>4. Zardosi</li> <li>5. Kutchwork</li> <li>6. Mirrorwork</li> <li>7. Aari work</li> <li>8. Phulkari work.</li> </ol>								
<b>C. Crochet</b>								
<b>D. In embroidery practical add</b>								
<b>E. Hand bag-Any 3 types</b>								
<b>F. Hat - Any 2 types</b>								
<b>G. Bow-Decorative bow &amp; formal bow</b>								
<b>H. Purse &amp; pouches -any 2 types</b>								
<b>Text Book(s)</b>								
1	Scientific garment quality–KMillege and Sons, Plot No.43,Somuvar Peth pune 411011							
2	Shailaja D.Naik, Traditional embroideries of India, APH Publishing(1996)							
3	Dressmaking-Smt Thangam Subramaniam Bombay Tailoring and embroidery college 32							
4	Libby Moore Threadfolk, a Modern Maker's book of Embroidery, Project & Artist Collaboration, Paige Tata & Co.							
<b>Related Online Contents[MOOC, SWAYAM, NPTEL, Websites etc.]</b>								
1	<a href="https://sueguide.csom/smocking/">https://sueguide.csom/smocking/</a>							
2	<a href="https://www.youtube.com/watch?v=nJz9c8gEvFg">https://www.youtube.com/watch?v=nJz9c8gEvFg</a>							

Coursecode	FUNDAMENTALS OF DESIGNING			L	T	P	C
NMEC-II				2	-	-	2
Have basic knowledge in designing				Syllabus		2021 Onwards	
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. Impart knowledge on design concepts in the field of fashion</li> <li>2. Familiarize with the fashion cycles, consumers and theories</li> <li>3. Design suitable garments for unusual figure types</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
1	Infer about design and its types						K2
2	Interpret the principles of design and its applications						K3
3	Explain color theory and color schemes.						K2
4	Generalize the designing concepts for unusual figures.						K2
5	Justify wardrobe planning and list out the factors for fabric selection						K2
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6-Create</b>							
<b>Unit:1</b>		<b>Design and its types</b>					
Types of Design- Structural and Decorative design, Requirements of Structural and Decorative Design, Elements of Design- Line, Size, Shape, Color and Texture.							
<b>Unit:2</b>		<b>Principles of design</b>					
Principles of Design - Balance, Emphasis, Proportion, Rhythm, Harmony and its types. Application of principles of design in dress design.							
<b>Unit:3</b>		<b>Color theory</b>					
Color- Definition, Color theory- Prang color system, Dimension of color- Hue, Value and Intensity. Color schemes in Prang color System.							
<b>Unit:4</b>		<b>Designing dresses for unusual figures</b>					
Figure Irregularities – Stout figure, Thin figure, Broad shoulders, Narrow Shoulders, Faces – Round, Large, and Small face.							
<b>Unit:5</b>		<b>Wardrobe Planning</b>					
Wardrobe Planning – Factors to be considered while selecting clothes for different age group – Men, Women and Children.							
<b>Text Book(s)</b>							
1	Fashion Sketch Book – Bina Abling, Fair Child Publications, New York Wardrobe, 1988.						
2	Fashion from Concept to Consumer – Frings Gini Stephens, Pearson Education, US, 1998.						
3	Inside the Fashion Business – Kitty G. Dickerson, Pearson Education, US, 2007.						
<b>Related Online Contents</b>							
1	<a href="https://www.apparelsearch.com/terms/index.html">https://www.apparelsearch.com/terms/index.html</a>						
2	<a href="https://www.instyle.com/fashion">https://www.instyle.com/fashion</a>						
3	<a href="https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/">https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/</a>						



# FIFTHSE MESTER

Wisdom Maketh World

Coursecode		<b>APPARELCOSTING &amp; MERCHANDISING</b>	L	T	P	C
<b>CoreVII</b>			5	-	-	5
<b>Basic knowledge in garment production processes</b>			<b>Syllabus</b>		<b>2021 Onwards</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Impart learning about principles of costing and budgeting</li> <li>2. Impart learning about costing procedure for various garment styles</li> <li>3. Impart learning about costing procedure for export and domestic products</li> <li>4. Instruct about roles &amp; responsibilities of merchandiser</li> <li>5. Describe about planning &amp; programming in execution of an order</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Infer about the elements of cost in pricing apparels					K2
2	Generalize the process involved in budgeting.					K2
3	Estimate the fabric cost in apparel production					K4
4	Summarize orders sheet and maintain recording in garment production unit.					K2
5	Prioritize the promotional aids for retail and whole sale apparel marketing					K4
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6-Create</b>						
<b>Unit:1</b>	<b>Element of Cost</b>					
Principles of costing -requirements of good costing system-cost unit-types of costs-Elements of cost-direct material cost-direct expenses-direct wages-indirect materials –indirect expenses –indirect labour-overheads—prime cost-work cost-cost of production–total cost.INCO terms & its relationship with costing						
<b>Unit:2</b>	<b>Budgeting</b>					
The budgeting process: Budgeting principles for the apparel industry- Fixed vs. variable budget-Master budget-laminations of budgets-any justification effort -Planned Vs Actual Cost.						
<b>Unit:3</b>	<b>Fabric Cost Estimation</b>					
Cost estimation of yarn, knitted fabric, dyeing, printing & finishing. Woven Fabric Costing: fabric types, yarn consumption, weaving price Cost estimation for cutting, stitching, checking, packing, forwarding, shipping, and insurance.						
<b>Unit:4</b>	<b>Order Sheet &amp; Documentation</b>					
Order sheet and its contents – Packing list and its contents – Document formats: order sheet, packing list, invoice, inspection and testing reports etc., - Assortment and its types. Documents recording and maintenance– Claims and reasons for claims-Factory audits– Buyer’s code of conducts.						
<b>Unit:5</b>	<b>Product Promotion</b>					
Advertising- scope, importance, types, merits & demerits; sales promotion, personal selling. Retail management. Export associations – Apparel Export Promotion Council – Journals and magazines related to apparel and textiles –Trade shows and Fairs – Participation in trade shows – Advantages of trade shows and fairs-Apparel & Textile Trade shows and fairs in India.						

**Text Book(s)**

1	Apparel Costing, M. Krishnakumar, Abhishek Publications 2015
2	Apparel Costing, Andrea Kennedy, Andrea Reyes, Francesco Venezia, Bloomsbury Visual Arts, 2020
3	Apparel Costing, A functional Approach, Krishnakumar, M, Abishek Publications, Chandigarh, 2012
<b>Related websites</b>	
1	<a href="https://www.toppr.com/guides/fundamentals-of-accounting/fundamentals-of-cost-accounting/elements-of-cost/">https://www.toppr.com/guides/fundamentals-of-accounting/fundamentals-of-cost-accounting/elements-of-cost/</a>
2	<a href="https://corporatefinanceinstitute.com/resources/knowledge/finance/budgeting/">https://corporatefinanceinstitute.com/resources/knowledge/finance/budgeting/</a>
3	<a href="https://efinancemanagement.com/budgeting">https://efinancemanagement.com/budgeting</a>
4	<a href="https://theinvestorsbook.com/pricing-methods.html">https://theinvestorsbook.com/pricing-methods.html</a>
5	<a href="https://www.yourarticlelibrary.com/marketing/pricing/pricing-objectives-top-5-objectives-of-pricing-explained/48639">https://www.yourarticlelibrary.com/marketing/pricing/pricing-objectives-top-5-objectives-of-pricing-explained/48639</a>





Coursecode		TEXTILEFINISHING	L	T	P	C
CoreVIII			5	-	-	5
Basicknowledgeingarmentproductionprocesses			Syllabus		2021 Onwards	
<b>CourseObjectives:</b>						
<ol style="list-style-type: none"> <li>To impart knowledge &amp; understanding of chemistry, mechanism &amp; application process of various textile finishes.</li> <li>To aim to enhance the awareness of future trends in textile finishing.</li> <li>To impart the knowledge about finishing methods of fabric based on their function.</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Distinguish the method & application of finishes on different textile substrates.					K2
2	Generalize the process sequence of mechanical finishes on textile materials.					K2
3	Interpret the functional finishes on textile materials					K3
4	Infer about the advanced finishes carried out on textiles					K3
5	Discover the special finishes on textile materials.					K4
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6-Create</b>						
<b>Unit:1</b>	<b>Finishing</b>					
Finishing-Introduction-Objectsoffinishing,Importanceof finishing, Classificationoffinishes, Advantagesoffinishing.						
<b>Unit:2</b>	<b>MechanicalFinishing</b>					
MechanicalFinishes-Beetling,Shearing,Calendaring,Tentering,Moiering,Embossing,Glazing, Napping,ChemicalWeightingofSilk,Sizing,Sanforizing,Schreinerling,Wrinklefreefinish.						
<b>Unit:3</b>	<b>FunctionalFinishing</b>					
FunctionalFinish-Resin finish, WaterProoffinish,WaterRepellent finish,Antimicrobial finish, FlameRetardantfinish,SoilReleasefinish-ProcessandRecipe,Types andMethodofFusing,Weldingand Adhesives,Molding.						
<b>Unit:4</b>	<b>AdvancedFinishes</b>					
Advanced FunctionalFinish -Stifffinish-ProcessandRecipe,Softening- Siliconefinish,Denim finish, StoneWashfinish,Anti-Pillingfinish,Anti Mildewfinish.						
<b>Unit:5</b>	<b>Specialfinishes</b>					
SpecialFinishesOnGarments-FinishingofWoven/Knittedgarments-Stoneless,StoneWash effects- Mudwash, Ionwash, Chalkwash, WaterresistantBreathablefinish, Biopolishing, LeatheryFinish, ProtectiveFinishes-Deodorizing, CoolFinish and Thermo statfinishes.						
<b>TextBook(s)</b>						
1	ShenaiandSaraf.1995. <b>TechnologyofTextileFinishing</b> .Sevakpublications.					
2	NallangilliandJayaprakasam.2005. <b>TextileFinishing</b> .S.S.MInstituteofTextileTechnology.					
3	Prayag.1996. <b>Technologyoffinishing</b> .ShreeJ.Printers,Pune					
<b>Relatedwebsites</b>						
1	<a href="https://nptl.ac.in/courses/116/102/116102054/">https://nptl.ac.in/courses/116/102/116102054/</a>					
2	<a href="https://ugcmoocs.inflibnet.ac.in/ugcmoocs/view_ug.php/130">https://ugcmoocs.inflibnet.ac.in/ugcmoocs/view_ug.php/130</a>					

Coursecode	FASHIONBUSINESS COMMUNICATION				L	T	P	C
Core-IX					5	-	-	5
Knowledgeaboutfashion					Syllabus		2021 Onwards	
<b>CourseObjectives:</b>								
Themainobjectives ofthiscourseareto:								
<ol style="list-style-type: none"> <li>1. Gainabetterunderstandingofafashiondesigner at thenationalandinternationallevel</li> <li>2. Impartknowledgeonnewproductdevelopment,salespromotion,retailingandpricing</li> <li>3. Movetowardsasustainablefashion</li> </ol>								
<b>ExpectedCourseOutcomes:</b>								
Onthesuccessfulcompletion ofthecourse,student will beableto:								
1	DescribethefactorsinfluencingfashionchangesandWorld fashioncenters.						K2	
2	Analyzecontributions ofthefashion designersnationallyand internationally						K4	
3	Generalizesthestepsinvolvedin newproductdevelopmentandsalespromotion						K2	
4	Analyzelescopeandfunctionsofretailingandpricing						K4	
5	Evaluatethe environmentalpollution createdbyfashionproducts and movetowardsustainablefashion						K4	
<b>K1-Remember;K2-Understand; K3 -Apply;K4-Analyze;K5-Evaluate;K6–Create</b>								
<b>Unit:1</b>	<b>Worldof Fashion-AnOverview</b>							
Factorsinfluencingfashionchanges–AcceleratingandDeceleratingfactors Understanding Fashion designer – types – classicist, idealist, influenced, realist, thinking poet. Minimalists,VillageIndia, Studio line. WorldFashionCenters– Milan,Paris, LondonandNewYork								
<b>Unit:2</b>	<b>LegendaryFashionDesigners</b>							
StudyofInternationalFashionDesignersoftheWorld–YvesSaintLaurent,Valentino, PierreCardin,Ralph Lauren,Karl Lagerfield, DonnaKaren,GeorgioArmani,CocoChanel,CalvinKlien,Christian Dior. AnoverviewofIndianFashionDesigners–ManishMalhotra,ManishArora,RituBerl,TarunTahiliani,RohitBal, Wendell Rodricks, JJValaya.								
<b>Unit:3</b>	<b>FashionProductsandPromotion</b>							
Thefashionindustryandnewproductdevelopment;productmixandrangeplanning.FashionandSeasons. FashionPromotion–FashionCommunication;FashionAdvertisingandPublicity;PersonalSelling–importance and steps involved; Fashion Shows – types and steps involved in organizing a show; Salespromotion methods /strategies.								
<b>Unit:4</b>	<b>FashionRetailing</b>							
FashionRetailing-Scopeandfunctions,TypesofStores,ChallengesforfashionretailinIndia,E-retailing– growth and development, Major players of fashion goods online. Pricing policies and strategies for apparelproducts, Functions and factors Influencing pricing, pricing strategies for new products, methods of settingprices								
<b>Unit:5</b>	<b>SustainableFashion</b>							
SustainableFashion–meaningandsignificance;Environmentalconcernsrelatedtofashion;Linearfashion andcircularfashion;4R’sinsustainability–Repair,recycle,reuseandreduce.Movingtowardsustainablefashion - Ecofashion, Slowfashion; Environmental impactoffastfashion.								

<b>TextBook(s)</b>	
1	Drakeetal, Retail Fashion: Promotion and Advertising, Macmillan Publication Company. New York, 1992.
2	Gini Stephens Frings, Fashion – From Concept to Consumer, 6th edition, Prentice Hall, 1999.
3	Leslie Davis Burnset al, The Business of Fashion: Designing, Manufacturing and Marketing, 4th Edition, Bloomsbury Academic publisher, 2011
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://247wallst.com/special-report/2018/10/01/the-30-most-influential-fashion-designers-of-all-time/8/">https://247wallst.com/special-report/2018/10/01/the-30-most-influential-fashion-designers-of-all-time/8/</a>
2	<a href="https://www.reviewsexp.com/blog/top-fashion-designers/">https://www.reviewsexp.com/blog/top-fashion-designers/</a>
3	<a href="https://en.wikipedia.org/wiki/Fashion_capital">https://en.wikipedia.org/wiki/Fashion_capital</a>
4	<a href="https://www.fibre2fashion.com/">https://www.fibre2fashion.com/</a>
5	<a href="http://www.technopak.com/Files/fashion-retail-scenario-in-india.pdf">http://www.technopak.com/Files/fashion-retail-scenario-in-india.pdf</a>
6	<a href="https://en.wikipedia.org/wiki/Sustainable_fashion">https://en.wikipedia.org/wiki/Sustainable_fashion</a>
7	<a href="https://fashionunited.uk/news/fashion/re-defining-sustainability-repair-recycle-reuse-and-reduce/2016052520528">https://fashionunited.uk/news/fashion/re-defining-sustainability-repair-recycle-reuse-and-reduce/2016052520528</a>
8	<a href="https://get-green-now.com/environmental-impact-fast-fashion/">https://get-green-now.com/environmental-impact-fast-fashion/</a>



Coursecode	<b>COMPUTER APPLICATION INGARMENTDESIGNINGPRACTICA L</b>		L	T	P	C
<b>Core-PracticalVIII</b>				-	5	3
<b>Knowledgeandskillsinmanualpattern</b>			<b>Syllabus</b>		<b>2021 Onwards</b>	
<b>CourseObjectives:</b>						
Themainobjectives ofthiscourseareto:						
<ol style="list-style-type: none"> <li>1. Acquireskills indevelopingpatternsthroughcomputersoftware.</li> <li>2. TounderstandthebasicsofCADsoftware</li> <li>3. Drafting,GradingandMarkerplanningof garment patternsusingnewadvancesoftware.</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
Onthesuccessfulcompletion ofthecourse,studentwill beableto:						
1	Draftthepatternforvariouskid's,women'sandmen'swear					P3
2	Gradethepatternblocksinto varioussizes.					P4
3	Createmarkerpilanningforthepatternforcuttingwithhigher efficiency					P5
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.						
<b>Unit:1</b>	<b>Children'swear</b>					
Draftandgrade patterns forthe followinggarments.Createmarkerpilansandconductfitanalysisforthe followinggarments						
<ol style="list-style-type: none"> <li>1. Yokefrock</li> <li>2. Babasuit</li> <li>3. Summerfrock</li> <li>4. Skirtand tops</li> </ol>						
<b>Unit:2</b>	<b>Women'swear</b>					
Draft and grade patterns for the following garments. Create marker pilans and conduct fit analysis forthe followinggarments						
<ol style="list-style-type: none"> <li>5. Salwar</li> <li>6. Kameez</li> <li>7. Tops</li> <li>8. Nighty</li> </ol>						
<b>Unit:3</b>	<b>Men'swear</b>					
Draftandgrade patternsforthe followinggarments. Createmarkerpilansandconductfitanalysis forthe followinggarments						
<ol style="list-style-type: none"> <li>9. Fullsleeveshirt</li> <li>10. T-Shirt</li> <li>11. BermudasPleatedtrouser</li> </ol>						

<b>Contemporary Issues</b>	
Expert lectures, online seminars – webinars	
<b>Text Books</b>	
1	Pattern Cutting For Clothing Using Cad: How To Use Lectra Modaris Pattern Cutting Software - Stott M, Woodhead Publishing Ltd, 2012
2	Pattern Cutting And Making Up Revised Edition - Shoben M M , CBS Publishers and Distributors, 2000
3	Computer Aided Design & Manufacturing (Test CAD Programs Inside), Sadhu Singh, Khanna Publications, 1998.
<b>Related Online Content [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://medcraveonline.com/JTEFT/various-approaches-in-pattern-making-for-garment-sector.html">https://medcraveonline.com/JTEFT/various-approaches-in-pattern-making-for-garment-sector.html</a>
2	<a href="https://www.youtube.com/watch?v=jTWtQNTJt_A">https://www.youtube.com/watch?v=jTWtQNTJt_A</a>
3	<a href="https://www.youtube.com/watch?v=iX7O4X7O4fNQjA">https://www.youtube.com/watch?v=iX7O4X7O4fNQjA</a>

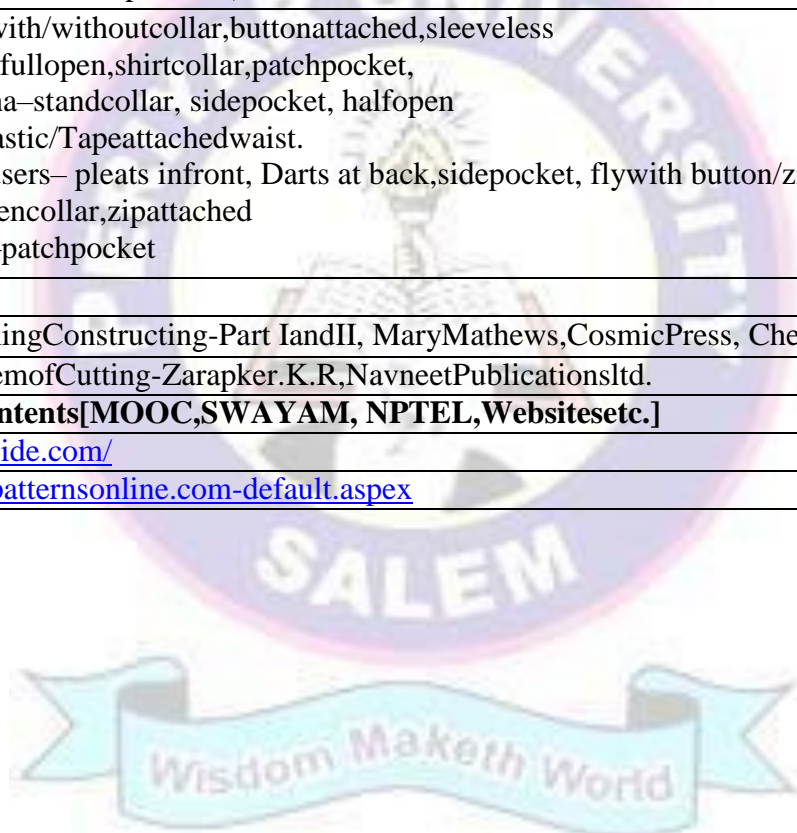


Coursecode		<b>INTERNSHIP TRAINING(Viva-voce)</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Internship</b>			-	-	-	-
	<b>Gain Practical insight of the industry/company</b>	<b>Syllabus</b>	<b>2021 Onwards</b>			
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Expose the students to the work environment</li> <li>2. Familiarize and adapt to the workplace</li> <li>3. Understand the methods, techniques and practices followed in the place of training</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
Generalize working structure of the industry/company					P3	
Analyze the methods adopted in the training place					P4	
Recognize the challenges in the training place					P2	
Discover the nuances of the workplace and appreciate it					P5	
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.						
<b>Details of the Training</b>						
The student should undergo <b>15 Days Internship training</b> in a Textile Processing Unit/ Designer House/Buying House/Garment Unit/Retail house after IV semester theory exam/ before the start of Fifth Semester (Grading system-Highly Commended/Commended)						
<b>Purpose of the Internship Training</b>						
The training bridges the gap between the theoretical knowledge gained in the college and the practical application of the same in the industry/company/ stores The student will have a better exposure about the workplace and its nuances						
<b>Process to be Followed</b>						
Students can identify their area of interest. Industry / companies have to be identified and a profile of the company has to be analyzed at least a month earlier. Contacts can be established by the guides allotted to the student. Prior permission has to be obtained from the place of training. After confirmation, the student will undergo training for a period of 15 working days.						
<b>Instruction to the Students</b>						
The students should abide by the rules and regulations of the concern and get the maximum benefit from the training. The students should maintain a daily logbook where the student should record his details of the training. A copy of the record has to be sent to the supervisor allotted to the student. The logbook must be signed (with seal) by the staff of the company. Based on the study done, the student will submit a report to the guide within a week's time along with the logbook. In case of any problems, the students should reach out to the supervisor immediately						
<b>Instruction to the Supervisor</b>						
The supervisor should establish contacts with the place of training. A routine follow up has to be done with the student once in two or three days. Problems, if any faced by the student should be sorted out immediately.						

<b>Training Report and Presentation</b>	
Training Report (30– 50 pages) should be prepared by the student and submitted in a month's time. At the end of the semester student should present the report with a powerpoint presentation	
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.wikihow.com/Write-a-Report-After-an-Internship">https://www.wikihow.com/Write-a-Report-After-an-Internship</a>
2	<a href="http://mfe-iseah-kef.blogspot.com/2013/11/internship-daily-journal.html">http://mfe-iseah-kef.blogspot.com/2013/11/internship-daily-journal.html</a>
3	<a href="https://www.academia.edu/25257761/Student_Internship_Logbook">https://www.academia.edu/25257761/Student_Internship_Logbook</a>
4	<a href="https://www.indeed.com/career-advice/career-development/how-to-write-an-internship-report">https://www.indeed.com/career-advice/career-development/how-to-write-an-internship-report</a>
5	<a href="https://valenciacollege.edu/students/internship/documents/ActivityLog.pdf">https://valenciacollege.edu/students/internship/documents/ActivityLog.pdf</a>
6	<a href="https://www.template.net/business/log/internship-time-log/">https://www.template.net/business/log/internship-time-log/</a>



Coursecode	MENSAPPARELPRACTICAL			L	T	P	C
CorePractical-IX				-	-	5	3
BasicKnowledgeaboutMen'sappareldesigning					Syllabus		2021 Onwards
<b>CourseObjectives:</b>							
<ol style="list-style-type: none"> <li>To impart the practical knowledge in pattern drafting &amp; garment construction skill in men's wear for the Students.</li> <li>To develop creative skills in designing &amp; constructing men's wear for different age group</li> <li>List the measurements required and material suitable.</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
1	Design and generalize the measurements for the various men's garments.						P3
2	Prepare patterns and calculate material requirement for the designed men's wear.						P3
3	Construct the designed men's garment and calibrate the cost of the garment.						P5
<b>K1-P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.							
<ol style="list-style-type: none"> <li>S.B. Vest–with/without collar, button attached, sleeveless</li> <li>Slack shirt–full open, shirt collar, patch pocket,</li> <li>Nehru kurtha–stand collar, side pocket, half open</li> <li>Pyjama–Elastic/Tape attached waist.</li> <li>Pleated trousers– pleats in front, Darts at back, side pocket, fly with button/zip.</li> <li>T-Shirt–open collar, zip attached</li> <li>Bermudas–patch pocket</li> </ol>							
<b>Text Book(s)</b>							
1	Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai(1986)						
2	Zarapker System of Cutting-Zarapker.K.R, Navneet Publications Ltd.						
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>							
1	<a href="https://shoeguide.com/">https://shoeguide.com/</a>						
2	<a href="https://www.patternsonline.com-default.aspx">https://www.patternsonline.com-default.aspx</a>						





CourseCode		ENTREPRENEURSHIPDEVELOPMENT	L	T	P	C
MBEC-I			5	-	-	5
Basicknowledgeaboutapparelbusiness Opportunities			Syllabus		2021 Onwards	
<b>CourseObjectives:</b>						
Themainobjectives ofthiscourseareto:						
<ol style="list-style-type: none"> <li>1. Familiarthestudentwith challengesofstartingnewventures</li> <li>2. Enablethemtoinvestigate, understandandinternalizetheprocessofsettingupanewbusiness.</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
Onthesuccessfulcompletion ofthecourse,studentwill beableto:						
Outlinetheconceptofentrepreneurshipandtraitsofentrepreneur					K2	
Identifyaprojectandformulateaprojectreport.					K4	
AppraisetheformalitiesofSSI'sRegistrationforanenterprise					K4	
IdentifytheSourcesofFinance andInstitutionalAssistanceforsmallscaleindustries.					K4	
Inferaboutentrepreneur,Incubationcentersandstartupin India					K4	
<b>K1-Remember;K2-Understand; K3-Apply;K4-Analyze;K5-Evaluate; K6-Create</b>						
<b>Unit:1</b>	<b>IntroductiontoEntrepreneurship</b>					
Entrepreneurship:ConceptandDefinitions;EntrepreneurshipandEconomicDevelopment;ClassificationandTypesofEntrepreneurs;EntrepreneurialCompetencies;FactorAffectingEntrepreneurialGrowth–Economic,Non-EconomicFactors;EDPPprogrammes; Entrepreneurial Training;Entrepreneur; ManagerVs.Entrepreneur.						
<b>Unit:2</b>	<b>Starting theventure</b>					
ProjectIdentification–Projectformulation–Projectdesign -preparingprojectreport–ProjectPlanning and Scheduling using Networking Techniques of PERT / CPM; Methods of ProjectAppraisal.						
<b>Unit:3</b>	<b>SSIandRegistration</b>					
SmallEnterprisesandEnterprise Launchingprocedures andFormalitiesRoleofSSIinEconomicDevelopment of India; SSI; Registration; NOC from Pollution Board; project report presentationguidelines						
<b>Unit:4</b>	<b>SourcesofFinanceandInstitutionalAssistance</b>					
RoleofSupportInstitutionsandManagementofSmallBusiness:DirectorofIndustries;DIC;SIDO; SIDBI; Small Industries Development Corporation (SIDC); SISI; NSIC; NISIET,NIESBUD;TANSIDCO;TIIC;StateFinancialCorporation;KVIC						
<b>Unit:5</b>	<b>FinancialincentivesforSSI</b>					
FinancialincentivesandsubsidiesforSSI's,andTax concessions;–seedcapitalassistance–Roleof entrepreneur in export promotion and import substitution – Social Entrepreneur, Incubationcentre,StartupIndia						

<b>TextBook(s)</b>	
1	EntrepreneurialDevelopment,Dr.C.B.Gupta,SultanChand&Sons,NewDelhi,2009
2	EntrepreneurialDevelopment,Dr.S.SKhanka,SultanChand&Sons,NewDelhi,2009.
3	EntrepreneurshipDevelopmentandSmall BusinessEnterprises,Charantimath,Poornima, PearsonEducation, NewDelhi,2006
4	EntrepreneurshipNew VentureCreation,DavidH.Holt,PrenticeHallofIndiaPrivateLimite d,New Delhi,2005
<b>RelatedWebsites</b>	
1	<a href="https://www.researchgate.net/publication/259843889">https://www.researchgate.net/publication/259843889</a>
2	<a href="https://ncert.nic.in/textbook/pdf/kebs109.pdf">https://ncert.nic.in/textbook/pdf/kebs109.pdf</a>





# SIXTHS EMESTER



CourseCode	CLOTHINGCARE				L	T	P	C
Core-X					5		-	5
Basic Knowledge about garment and fabric care					Syllabus		2021 Onwards	
<b>Course Objectives:</b>								
<ol style="list-style-type: none"> <li>1. This course facilitates an understanding, care and maintenance of textiles and orients the learners in the field of clothing industry.</li> <li>2. The learners are expected to know the laundry soaps, Laundry equipment and dry cleaning in textile industry.</li> <li>3. Impart the knowledge of machines and equipment used in washing, storing, and ironing process.</li> </ol>								
<b>Expected Course Outcomes:</b>								
On the successful completion of the course, student will be able to:								
1	Identify the suitable methods of washing, drying, ironing and storing						K4	
2	Evaluate the methods and equipment to be used for the better life of clothes						K4	
3	Appraise the stiffening agents used in fabric washing.						K4	
4	Recognize the principles of washing and its facts.						K4	
5	Analyze the special types of laundry for special fabrics and care labels symbols.						K4	
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6-Create</b>								
<b>Unit:1</b>	<b>Clothing Care Essentials</b>							
Water- hard and soft water, Determination of water hardness methods of softening water. Zeolite or Base exchange method. Laundry CI soaps – Manufacture of soap and methods, composition of soap, types of Soap, soapless detergents, chemical action, detergent manufacture, advantages of detergents. Difference between soap and detergents.								
<b>Unit:2</b>	<b>Laundry and Drying Equipment</b>							
Laundry equipment and reagents: Study of laundry equipment and laundry reagents-soaps-detergents cleaning action of soaps, indigenous cleaning agents - rita nut - shikakai - green gram - bransolution – study of modern and industrial cleaning agents								
<b>Unit:3</b>	<b>Finishes and stiffening agents</b>							
Stiffening Agents: Study of stiffening agents – purpose of stiffening – classification of stiffening Agents preparation and uses of stiffeners – natural and commercial starches – reparation of starch for use – bleaching agents – bluing and tinting agents and their application – optical whiteners.								
<b>Unit:4</b>	<b>Principles of Washing</b>							
Washing Machine And Care Labels: Study of different types of house hold/industrial washing machine – rotary - swirling - pressure - tumble wash etc; the various systems of care labeling - washing instruction. Bleaching instruction – drying instruction – ironing instruction – dry cleaning instruction. Placement of labels on garments.								
<b>Unit:5</b>	<b>Special Types of Laundry &amp; Care Labels</b>							
Stain Removal: Principles of laundering – stain removal – various solvents for stain removing blood, tea, rust; oil/grease etc. – different methods of washing - application of friction by hand rubbing - scribing - tumble wash. General rules and ways of stain removal.								
<b>Text Book(s)</b>								

1	Dantaygis,-Fundamentals of Textile and Their Care, Oriental Longmans Ltd, New Delhi, 1996
2	Denkar,-Household Textiles and Laundry Work, Atma Ram and Sons, Delhi, 1993
3	Neomi D'Souza,-Fabric Care, New Age International Publisher, 1998
4	Davis,-Laundry and Clothing Care, Drama Book Publishers, 1995
<b>Related Websites</b>	
1	<a href="https://www.bhg.com/homekeeping/laundry-linens-cloths-how-to-wash-clothes-by-hand/">https://www.bhg.com/homekeeping/laundry-linens-cloths-how-to-wash-clothes-by-hand/</a>
2	<a href="https://textilelearner.blogspot.com/2013/07/textile-finishing-processing.html">https://textilelearner.blogspot.com/2013/07/textile-finishing-processing.html</a>



Coursecode	APPAREL PRODUCTION MANAGEMENT	L	T	P	C
CoreXI		5		-	5
Basic Knowledge in Garment Production Processes		Syllabus		2021-2022 Onwards	
Course Objectives:					
The main objectives of this course are to:					
1. The Students will be able to familiarize with the function of the garment industry, its various process and technical parameters in garment production.					
2. It will enhance awareness of seen product, machinery & equipment and prepare the students for work around the garment industry.					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to:					
1	Understand the concept of plant location and layout				K2
2	Analyze the work study techniques				K4
3	Apply the best techniques to improve productivity with quality production				K3
4	Understand the functions of line balancing techniques				K2
5	Evaluate production planning and control techniques				K5
K1-Remember; K2 -Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6 –Create					
Unit:1	Plant Location and Layout				
Plant Location and Layout. Production - Definitions - Terminology - Organizing for Production - Function of Production Department - Introduction to Garment Industry Plant Location - Location Economics-Plant Layout-Process Layout--Product Layout-Combination Layout-Introduction to Balancing Theory-Balance Control.					
Unit:2	Work Study				
Work Study- Concept And Need - Method Study and Work Measurement -Techniques - Process Chart Symbol - Process Flow Chart -Flow Diagrams - String Diagrams - Multiple Activity Chart - Principles of Motion Economy- Simo Chart-Time Study Methods-Standard Time Data-Ergonomics With Special Reference To Garment Industry.					
Unit:3	Production and Productivity				
Production and Productivity- Methods of Production Systems - Job, Mass & Batch - Section Systems, Progressive Bundle System & 'Synchro' System- Conveyor Systems - Unit Production System -Advantages of UPS-Quick Response-Measurement of Productivity-"Men, Machine, Material"- Total Factor Productivity-Criteria for Increasing Productivity in Garment Industry.					
Unit:4	Line Balancing				
Line Balancing - Duties and Responsibilities of Production manager / Supervisor - Effective Line Supervision-Factors of Production-Production Function -Process Flow and Charts for Garment - Scheduling Calculations.					
Unit:5	Production Planning and Control				
Production Planning and Control - Capacity Requirement Planning [CRP] - Material Requirement Planning -Steps in Production Planning - Factors to be consider in Production Planning - Function, Qualitative and Quantitative Analysis of Production – Coordinating Departmental Activities - Practical Difficulties in implantation.					

<b>TextBook(s)</b>	
1	Carr & Latham's Technology of Clothing Manufacture, fourth edition, revised by David J. Tyler, Blackwell Publishing UK, 2008.
2	Jacob Solinger, Apparel Manufacturers Handbook, New Age International (P) Ltd, 2005.
3	Gerry Cooklin, Introduction to Clothing Manufacture. Wiley Blackwell, 2006.
4	A.J. Chuter, Introduction to Clothing Production Management, Blackwell Scientific Publications. 1988.
5	Tripathi, Personal Management and Industrial Relations, Sultan & Chand Sons, 2013
6	O.P. Khanna, Industrial Engineering and Management, Dhanpat Rai Publications, 2018
7	Rama Moorthi, Production and Operations Management, New Age International (P) Ltd, 2005.



Coursecode	FASHION DRAPING PRACTICAL		L	T	P	C
Core Practical-X			-	-	5	3
Basic knowledge in pattern making, body silhouettes and various fabrics			Syllabus		2021 Onwards	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. To understand the basic draping &amp; manipulation techniques.</li> <li>2. To design and develop patterns for different garments based on the body measurements.</li> <li>3. To interpret and transform their designs on a three-dimensional form using draping method.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Prepare muslin and formulate the measurements for various garment's draping					P3
2	Produce the pattern blocks in dress form for various garments					P5
3	Create dart or pleat variations in appropriate garment patterns					P5
<b>P1</b> –Imitation; <b>P2</b> –Manipulation; <b>P3</b> –Precision; <b>P4</b> –Articulation; <b>P5</b> –Naturalization.						
<ol style="list-style-type: none"> <li>1. Bodice-Front&amp;Back</li> <li>2. Skirt-Front&amp;Back and Its Types</li> <li>3. Pant-Front &amp; Back</li> <li>4. Sleeve-Bell, Raglan, Cape, Puff, Circular, Kimono</li> <li>5. Neckline- Boat, Key Hole, Halter, Scooped, Scalloped</li> <li>6. Collar-Mandarin, Peter Pan, Turtle, Ruffled &amp; Shawl</li> <li>7. Cowls</li> <li>8. Twist</li> <li>9. Surplice</li> <li>10. Yoke-Hip Yoke, Midriff &amp; Shirt Yoke</li> <li>11. Design and Drape on couture wear for Men &amp; Women</li> </ol>						
<b>Text Book(s)</b>						
1	Draping for Fashion Design, 5 <sup>th</sup> Edition, Nurries Relis, Hilde Jaffe and Rose Mary Torre, Pearson Prentice Hall Publications, United States, 2012.					
2	The Art of Fashion Draping, Connie Amadan Crawford, Fair Child Publications, New York, 2005.					
3	Draping for Apparel Design – 3 <sup>rd</sup> Edition, Helen Joseph and Armstrong, India, Bloomsbury Publications India Ltd, 2013.					
4	Cutting and Draping Special Occasion Cloths: Designs for Party wear and Evening wear, Dawn Cloak, London, Batsford, 1998.					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://style2designer.com/apparel/draping-mannequin/what-is-draping-technique-and-its-process/">https://style2designer.com/apparel/draping-mannequin/what-is-draping-technique-and-its-process/</a>					
2	<a href="https://www.aicp.fr/portfolio-items/moulage-technique-du-moulage/?lang=en#:~:text=Draping%2C%20the%20most%20ancient%20of,to%20create%20a%20fabric%20prototype">https://www.aicp.fr/portfolio-items/moulage-technique-du-moulage/?lang=en#:~:text=Draping%2C%20the%20most%20ancient%20of,to%20create%20a%20fabric%20prototype</a>					



Coursecode	INTERNATIONAL TRADE AND DOCUMENTATION			L	T	P	C
	MBECII			3	2		4
Basic Knowledge in International trade				Syllabus		2021 Onwards	
<b>Course Objectives:</b>							
To study the Trade procedures and documentation formalities are a critical part of International Business Management. This subject aims at imparting knowledge of trade procedures and documentation formalities.							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
1	Outline export promotion council procedures for firm establishment.						K2
2	Infer about the implications of foreign trade policy and its documentations.						K2
3	Generalize the import trade procedures and documentation.						K2
4	Summarize the procedure and formalities of shipment and customs.						K2
5	Interpret the payment procedures and delivery formalities.						K2
<b>K1-Remember; K2-Understand; K3 -Apply; K4-Analyze; K5-Evaluate; K6-Create</b>							
<b>Unit:1</b>	<b>Firm Establishment</b>						
Firm establishment: introduction – export promotion councils and their role – registration Formalities-RCMC – IE code – RBI code – garment classification and categories for various countries – quota – quota distribution methods – quota transfer.							
<b>Unit:2</b>	<b>Foreign Trade Documents</b>						
Foreign trade documents: need, rationale and types of documents relating to goods – invoice – packing note and list – certificate of origin – certificate relating to shipments – mate receipt – shipping bill – cart ticket – certificate of measurement – bill of lading – air way bill – documents relating to payment – letter of credit – types of L/C – bill of exchange – letter of hypothecation – bank certificate for payment – document relating to inspection – certificate of inspection – GP and other forms.							
<b>Unit:3</b>	<b>Import Procedure</b>						
Import procedure: import license – procedure for import license – import trade control regulation procedure – special schemes – replenishment license – advance license – split up license – spares for after sales service license – code number – bill of entry							
<b>Unit:4</b>	<b>Shipment &amp; Customs</b>						
Shipment and customs: Pre-shipment inspection and quality control – foreign exchange formalities – Pre-shipment documents - documentation terms - excise and customs clearance of export cargo – shipment of goods and port procedures – customs clearance of import cargo. Post-shipment formalities and procedures – claiming duty drawback and other benefits.							
<b>Unit:5</b>	<b>Payment and Deliveries</b>						
Payment and deliveries: terms of delivery – INCO terms – EXW – FCA – FOB – CFR – CIF – CPT – DAF – DDP – DDU. Terms of payment – open account – cheque – cash payment against documents – bank payment against documents (LC) – security and cost of various payment terms – Assessing the risk in payment – role of ECGC and standard policy.							
<b>Text Books</b>							
1	International Trade and Documentation, Edward G Hinkelman, Publisher: World Trade Press						

	2001.
2	Streamline Your Export Paper Work, Bose. A., Published by International Trade Form, Oct–Dec 1965.
3	Export and Import Management, Aseem Kumar, Excel Publications, 2007.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.marketresearchreports.com/apparel-retailing">https://www.marketresearchreports.com/apparel-retailing</a>
2	<a href="https://smallbusiness.chron.com/analysis-retail-apparel-industry-70514.htm">https://smallbusiness.chron.com/analysis-retail-apparel-industry-70514.htm</a>
3	<a href="https://www.marketresearch.com/Consumer-Goods-c1596/Consumer-Goods-Retailing-c80/Apparel-Retailing-c1093/">https://www.marketresearch.com/Consumer-Goods-c1596/Consumer-Goods-Retailing-c80/Apparel-Retailing-c1093/</a>



Coursecode		<b>PORTFOLIO PRESENTATION- VIVAVOCE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>SBECII</b>			-	-	<b>5</b>	<b>3</b>
<b>Knowledgeincreatingvariousgarments</b>			<b>Syllabus</b>		<b>2021 Onwards</b>	
<b>CourseObjectives:</b>						
Themainobjectives ofthiscourseareto:						
<ol style="list-style-type: none"> <li>1. Todesignandexecuteanorganizedcollection ofcreativeworks</li> <li>2. Tomakeoriginalworksofartthatdemonstrateseffectiveuseofdesignprinciples,appropriate crafts man ship and technique.</li> <li>3. Designcollections byfulfillingtheobjectives oftheclientand userrequirements.</li> </ol>						
<b>ExpectedCourseOutcomes:</b>						
Onthesuccessfulcompletion ofthecourse,studentwillbeableto:						
1	Selectathemefordifferentgarmentcategories.					P5
2	Createdifferent portfolioboardsforselectedtheme.					P4
3	Constructthegarmentsforall deignedcategories.					P5
<b>P1–Imitation;P2–Manipulation;P3–Precision;P4–Articulation;P5 –Naturalization.</b>						
<b>PortfolioPresentation andDesignCollection</b>						
<b>PartA</b>						
PortfolioPresentation -withCustomerprofile,Inspirationboard,MoodBoard,Colourboard,Flat Sketch board, Illustration board, Swatch board, Trim board, Accessory board- for thefollowingcollection						
<ul style="list-style-type: none"> <li>• FashionShow-with atheme–onerampset</li> <li>• Wintercollection -3garments</li> <li>• SummerCollection-3garments</li> </ul>						
<b>Note</b>						
<ol style="list-style-type: none"> <li>1. Customerprofile:capturephotographofyourcustomer.</li> <li>2. Inspirationboard:Image collectionfrombooksandmagazinesbyscanning,Photographyand drawing, useofobjectsfor moodcreation</li> <li>3. Moodboard:developathemebasedongroupdiscussion,mindmapping,brainstorming.</li> <li>4. Colourboard:spottingthemeboard,moodboardandinspiration boardarrivethecolorboard.</li> <li>5. Flatsketchboard:Developfront,sideandbackviews</li> </ol>						
<b>PartB</b>						
Constructthegarments forall theabovecategories						
<b>ContemporaryIssues</b>						
Expertlectures,onlineseminars–webinars						

<b>TextBooks</b>	
1	PortfolioPresentationforFashionDesigners,LindaTain,FairchildPublishers(1998)
2	FashionDesignDrawingandPresentation,PatrickJohnIreland,BT Batsford Ltd,2006
3	CreativeFashionPresentation,PollyGuerin,Fairchild Publishers, 1987
3	NewEncyclopediaofFashion Details,PatrickJohn Ireland,Publisher:PavilionBooks,2008
4	CheckandStripe:ADesign-Source Book2, KyotoShoin CompanyLtd.1992
<b>RelatedOnlineContents[MOOC,SWAYAM, NPTEL, Websitesetc.]</b>	
1	<a href="https://issuu.com/theodoracucu/docs/portfolio_internship_ba">https://issuu.com/theodoracucu/docs/portfolio_internship_ba</a>
2	<a href="https://successfulfashiondesigner.com/fashion-portfolio/fashion-portfolio-checklist/">https://successfulfashiondesigner.com/fashion-portfolio/fashion-portfolio-checklist/</a>



Coursecode		BEAUTYCAREPRACTICAL	L	T	P	C
SBEC-III			-	-	5	3
Basic Knowledge about Makeup			Syllabus		2021 Onwards	
<b>Course Objectives:</b>						
<ol style="list-style-type: none"> <li>1. Produce a capable &amp; skillful workforce as required by the prevailing market demands.</li> <li>2. Equip the trainees with skills &amp; knowledge to ensure adherence to safety measures in saloon.</li> <li>3. Select, operate and handle equipment according to the professional standards</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Create various techniques used in beautycare					P5
CO2	Design traditional and modern style makeup using different equipments.					P5
CO3	Practice beauty techniques and procedures for different occasions.					P5
<b>P1–Imitation;P2–Manipulation;P3–Precision;P4–Articulation;P5 –Naturalization.</b>						
<ol style="list-style-type: none"> <li>1. Different types of haircuts, cutting techniques &amp; blow drying of hair.</li> <li>2. Traditional hair styling techniques- Rolls, Braids, interlocks, Twisting styles.</li> <li>3. Henna designing, Tattoo designing &amp; saree draping (4 styles).</li> <li>4. Basic Nail art techniques.</li> <li>5. Facial- Skin analysis, cleaning &amp; facial with different equipments, application of different types of packs &amp; masks according to the skin types.</li> <li>6. Different types of makeup- Daytime, Evening, Party &amp; Bridal.</li> <li>7. Pedicure &amp; manicure.</li> <li>8. Threading &amp; waxing</li> </ol>						
<b>Text Books</b>						
1	Complete Beautician Course by Renu Gupta					
2	Be your own Beautician by Parvesh Handa					
3	Advanced makeup and hairstyle by Urvashi Dave					
<b>Related Online Contents</b>						
1	<a href="https://bit.ly/2DB2WQM">https://bit.ly/2DB2WQM</a>					
2	<a href="https://youtu.be/sYoz3G2OH5g">https://youtu.be/sYoz3G2OH5g</a>					
3	<a href="https://youtu.be/_o9cpvQPqBY">https://youtu.be/_o9cpvQPqBY</a>					