B.Sc. Fashion Apparel Management

Syllabus

AFFILIATED COLLEGES

Program Code: 26R

2021 - 2022 onwards



BHARATHIAR UNIVERSITY

(A State University, Accredited with "A" Grade by NAAC, Ranked 13th among Indian Universities by MHRD-NIRF, World Ranking: Times - 801-1000, Shanghai - 901-1000, URAP - 982)

Coimbatore - 641 046, Tamil Nadu, India

Program	Program Educational Objectives (PEOs)					
	The B.Sc. Fashion Apparel Management program describe accomplishments that graduates are expected to attain within five to seven years after graduation					
PEO1	Graduates will have successful professional careers in Industry & Academia in the field of Apparel and Fashion technology					
PEO2	Graduates will become successful entrepreneur in Apparel, Fashion and related fields					
PEO3	Graduates will continue to learn and advance their careers through attainment of professional certification and seeking higher education.					
PEO4	Graduates will be competent through effective communication, soft skills and teamwork skills and will be able to relate garment industry issues to broader social contexts					
PEO5	Graduates will be professional, ethical and demonstrate spirit of excellence and leadership in their successful professional career					



Progra	Program Specific Outcomes (PSOs)						
	After the successful completion of B.Sc. Fashion Apparel Management program, the students are expected to						
PSO1	To be able to understand the buyer requirements and expectations of domestic and international market and quality standards prevailing in the fashion and apparel industry.						
PSO2	Demonstrate the knowledge and understanding of the processes related to apparel manufacturing						
PSO3	Apply domain knowledge and problem-solving skills to solve real time problems in apparel production						
PSO4	Develop new designs and products for apparel and technical applications						
PSO5	Have Entrepreneurship and Life Skills to start their own businesses						



Progr	Program Outcomes (POs)					
On suc	On successful completion of the B.Sc. Fashion Apparel Management					
PO1	Students will be able to understand the principles and techniques of various processes in apparel manufacturing					
PO2	To be able to identify, analyze the quality & production issues in apparel manufacturing and to design an optimal solution using the tools & techniques					
PO3	Demonstrate the knowledge and skills of production process in creating new designs and products					
PO4	Demonstrate knowledge and understanding of the management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.					
PO5	Demonstrate knowledge and understanding of various aspects of retail business in setting up store					
PO6	Able to demonstrate technical, managerial & entrepreneurial skills in setting up a production unit					
PO7	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.					

BHARATHIAR UNIVERSITY: COIMBATORE 641 046

B. Sc. Fashion Apparel Management Curriculum

(For the students admitted from the academic year 2021-2022 and onwards)

Scheme of Examination

		Hours/	I	Examin	ation		
Part	Title of the Course	Week	Duration	Max	imum N	Iarks	Credits
		vv eek	in Hours	CIA	ESE	Total	Credits
	Semester I						
I	Language I	6	3	50	50	100	4
II	English I	6	3	50	50	100	4
III	Core Paper I - Principles and	4	3	30	45	75	3
111	Elements of Fashion Design			30	43	73	3
III	Core Paper II - Textile Science	4	3	50	50	100	4
III	Core Practical I - Computer	4	3	30	45	75	3
	Application Practical		3	30	13	75	3
III	Allied Paper I - Principles of	4	3	50	50	100	4
	Management			30			
IV	Environmental Studies *	2	3	-	50	50	2
	Total	30	-	260	340	600	24
	Semester II						
I	Language II	6	3	50	50	100	4
II	English II	6	3	50	50	100	4
III	Core Paper III -Fabric Science	4	3	30	45	75	3
III	Core Paper IV -Textile	4	3	30	45	75	3
1111	Colouration and Finishing	4	3	30	43	13	3
III	Core Paper Practical II -	4	4	50	50	100	4
1111	Fabric Analysis Practical	4	4	30	30	100	4
III	Allied Paper II -Accounting for	4	3	50	50	100	4
1111	Managers	4	3	30	30	100	4
IV	Value Education -Human Rights	2	3		50	50	2
1 V	*		3	-	30	30	2
	Total	30	-	260	340	600	24
	Semester III						
III	Core Paper V- Pattern	4	3	30	45	75	3
1111	Development	4	3			13	3
III	Core Paper VI- Apparel	4	3	50	50	100	4
111	Manufacturing Technology	4	3			100	4
TIT	Core Paper Practical III - Computer	6	3	50	50	100	4
III	Aided Pattern Making Practical	6	3	50	50	100	4
TIT	Core Paper Practical IV- Manual	6	3	30	45	75	3
III	Pattern Making	O	3			13	3
III	Allied Paper III - Retail	5	3	50	50	100	4
111	Management	3	٥			100	4
13.7	Skill based Subject I - Fashion	3	2	20	15	75	3
IV	Communication	<u> </u>	3	30	45	75	3
	Tamil** / Advanced Tamil*						
IV	(OR) Non-major elective - I	2	3		50	50	2
1 V	(Yoga for Human Excellence)* /	2	3	-	30	30	2
	Women's Rights*						
	Total	30	-	240	335	575	23
							<u></u>

111	Core Paper VII - Apparel	4	2	20	4.5	7.5	2
III	Quality Assurance	4	3	30	45	75	3
III	Core Paper VIII - Apparel Costing	4	3	50	50	100	4
III	Core Practical V- Stitches and Seams Practical	6	3	50	50	100	4
III	Core Practical VI Textile Testing Practical	6	3	30	45	75	3
III	Allied Paper IV - Human Resource Planning	5	3	50	50	100	4
IV	Skill based Subject II - Materials Management	3	3	30	45	75	3
IV	Tamil**/Advanced Tamil* (OR) Non-major elective -II (General Awareness*)	2	3	-	50	50	2
	Total	30	-	240	335	575	23
	Semester V						
III	Core Paper IX -Apparel Merchandising	4	3	30	45	75	3
III	Core Paper X - Statistics for Management	4	3	50	50	100	4
III	Core Practical VII Garment Construction I- Practical	5	4	50	50	100	4
III	Internship#	10	3	50	50	100	4
III	Elective Paper I	4	3	50	50	100	4
IV	Skill based Subject III – TQM in Apparel Industry	3	3	30	45	75	3
	Total	30	-	260	290	550	22
	Semester VI						
III	Core Paper XI-Entrepreneurship and Small Business Development	4	3	30	45	75	3
III	Core Paper Practical VIII Garment Construction II Practical	5	4	50	50	100	4
III	Project Work & Viva Voce#	10	-	50	50	100	4
III	Elective Paper II	4	3	50	50	100	4
III	Elective Paper III	4	3	50	50	100	4
IV	Skill based Subject IV – ERP in Apparel Industry	3	3	30	45	75	3
V	Extension Activities **	-	-	50	-	50	2
	Total	30	-	310	290	600	24
	Grand Total	180	1	-	-	3500	140

CIA – Continuous Internal Assessment

CEE – Comprehensive External Examination

Mark Division for Internship and Project

Paper title	Total	CIA	CH	CE CE
	Marks		Evaluation	Viva-voce

^{*} No Continuous Internal Assessment (CIA). Only University Examinations.

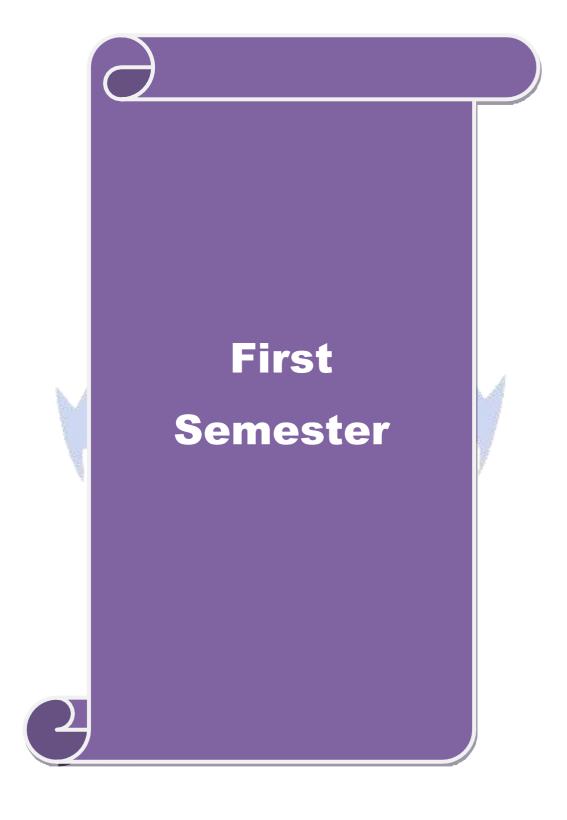
^{**} No University Examinations. Only Continuous Internal Assessment (CIA)

Internship#	100	50	30	20
Project Work & Viva Voce#	100	50	30	20

Additional Credit Course

Earning Additional credit course is not mandatory for Programme Completion. Prescribed courses under UGC - SWAYAM/ MOOCS/ NPTEL will be available for the affiliated colleges, as an optional.

List of Elect	ive pa	apers (Colleges can choose any one of the papers as electives
	A	Fashion Marketing
Elective-I	В	Industrial Engineering
	С	Supply Chain Management
	Α	Visual Merchandising
Elective – II	В	International Trade and Documentation
	С	Industrial Psychology
	Α	Apparel Brand Management
Elective - III	В	Lean and Six Sigma
	С	Human Values and Professional Ethics



Course Code	13A	Principles and Elements of Fashion Design	L	Т	P	C
Core		Paper I	4	-	-	3
Pre-requisite	Basic kn	Basic knowledge in science Sy			2021 2022	
Course Objective	es:					
The main objective	es of this c	ourse are to:				
2. Describe abo	ut elements	arn about the basics of fashion, design & rolls of design & colour theory ion style details	les of fash	nion de	esigner	•
Expected Course	Outcomes	:				
		of the course, student will be able to:				
		ous types of fashion designers				K3
CO2 Classify to	he various o	elements of f <mark>ashion</mark>				K2
CO3 Select and	apply colo	ours <mark>in fashion design</mark>				K3
CO4 Understan	d about pri	nciples of design and its applications				K2
CO5 Differentia	ate various	fashion style details				K2
K1 - Remember;	K2 - Under	s <mark>tand; K3 - Apply; K4 - A<mark>naly</mark>ze; K5 - Eval</mark>	uate; K6 -	- Crea	te	
<u> </u>	-4					
Unit:1		Introduction to Fashion			12	hours
Unit:1	n – Fashio	The state of the s	– Fashio	n cycl		
Unit:1 Fashion Definitio		n terminologies – Classification of fashion	200001.000	9	e – Fa	shior
Unit:1 Fashion Definitio forecasting – Fac	tors inf <mark>lue</mark> i	The state of the s	200001.000	9	e – Fa	shion
Unit:1 Fashion Definitio	tors inf <mark>lue</mark> i	n terminologies – Classification of fashion ocing in fashion – Role and responsibilities	200001.000	9	e – Fa design	ishion ners –
Unit:1 Fashion Definitio forecasting – Fac Types of fashion of Unit:2	tors in <mark>fluer</mark> lesigners	n terminologies – Classification of fashion noing in fashion – Role and responsibilities Elements of Design	es of a fa	shion	e – Fa design	shiorners –
Unit:1 Fashion Definitio forecasting – Fac Types of fashion of Unit:2 Introduction to de	tors influer lesigners sign – Type	terminologies – Classification of fashion noing in fashion – Role and responsibilities Elements of Design es of design – Elements and their importance	es of a fa	shion gn – L	e – Fa design	shiorners - hours Types
Unit:1 Fashion Definition forecasting — Factorial Types of fashion of Unit:2 Introduction to de — Application of	tors influer lesigners sign – Type line in a	Elements of Design es of design – Elements and their importance garment –Influence of line in various ill	es of a fa	shion gn – L Shape	e – Fa design 12 l Line – Typ	shiorners – hours Types pes –
Unit:1 Fashion Definition forecasting — Factorial Types of fashion of Unit:2 Introduction to de — Application of Importance of shared	tors influer lesigners sign – Type line in a npe in garm	terminologies – Classification of fashion noing in fashion – Role and responsibilities Elements of Design es of design – Elements and their importance	es of a fa	shion gn – L Shape	e – Fa design 12 l Line – Typ	ners – hours Types pes –
Unit:1 Fashion Definition forecasting — Factorial Types of fashion of Unit:2 Introduction to de — Application of	tors influer lesigners sign – Type line in a npe in garm	Elements of Design es of design – Elements and their importance garment –Influence of line in various ill ent design – Texture – Determinants of tex	es of a fa	shion gn – L Shape	e – Fa design 12 l ine – Typ of textu	hours Types pes ire or
Unit:1 Fashion Definition forecasting — Factor Types of fashion of Unit:2 Introduction to de — Application of Importance of shadolour & physical Unit:3	tors influer lesigners sign – Type line in a ape in garm proportion	Elements of Design es of design – Elements and their importance garment –Influence of line in various ill ent design – Texture – Determinants of tex	e in a designation - Stature - En	shion gn – I Shape ffect o	e – Fa design 12 l Line – T Typ of textu	hours hours Types pes - ure or
Unit:1 Fashion Definition forecasting — Factorial Types of fashion of Unit:2 Introduction to de — Application of Importance of shade colour & physical Unit:3 Introduction to colour to colour &	tors influences lesigners sign – Type line in a appe in garm proportion blour theories	Elements of Design es of design – Elements and their importance garment –Influence of line in various ill ent design – Texture – Determinants of texture Colour & Colour theory es – Dimensions of colour – Colour systems	e in a designation - State - En	gn – I Shape ffect o	e – Fa design 12 l ine – Typ of textu	hours Types Des - lire of
Unit:1 Fashion Definition forecasting — Factor Types of fashion of Unit:2 Introduction to de — Application of Importance of share colour & physical Unit:3 Introduction to colour schemes —	tors influences in the sign – Type line in a appe in garm proportion blour theorical Application	Elements of Design es of design – Elements and their importance garment –Influence of line in various ill ent design – Texture – Determinants of text Colour & Colour theory es – Dimensions of colour – Colour systems n of colour in fashion design – Visual impa	e in a designation - State - En	gn – I Shape ffect o	e – Fa design 12 l ine – Typ of textu	hours Types Des - Jure of
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Tes	Text Book(s)						
1	Elements of Fashion and Apparel Design, Sumathi. G. J, New Age International (P) Ltd, New						
	Delhi 2002.						
2	Apparel Making in Fashion Design, Injoo Kim & Mykyung Uh, Fairchild Publications, New						
	York, 2002						
Ref	ference Books						
1	Fashion Design Drawing and Presentation, Patric John Ireland, B.T. Batsfort Ltd, London 1982						
	A Complete Guide to Fashion Designing, Jenny Davis, Bharat Bhushan Abishek Publication,						
2	2006						
3	Fashion Source Book, Kathryn Mckelvey & Janine Munslow, Blackwell Publication, 2006						
4	A Guide to Creative Colour Combinations, Bride M. Whelan, Colour Harmony Rockport						
_	Publishers, 1997						
5	Encyclopaedia of Fashion Details, Patric John Ireland, Prentice Hall, NJ, 1987						
Pol	lated website						
IXC	lated website						
1	https://www.toptal.com/designers/ui/principles-of-design						
2	https://blog.bannersnack.com/elements-and-principles-of-design/						
2	144 // 1 //2010/09/1 4 6.1 : : 6.1 : 14.1						
3	https://purushu.com/2010/08/elements-of-design-in-fashion.html						
Coi	urse Designed By: Mrs. N. Sangeetha						

	Mapping with Programme Outcomes									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7			
CO1	S	M	M	M	S	_L/	M			
CO2	S	M	M	M	S	L	M			
CO3	S	M	M	M	S	L	M			
CO4	S	M	M	M	S	L	M			
CO5	S	M	M	M	S	L	M			

^{*}S-Strong; M-Medium; L-Low

Course Code	13B	Textile Science		T	P	C
Core		Paper II	4	-	-	4
Pre-requisite		Basic knowledge in science	Sylla Versi		202 202	
Course Object	tives:					

The main objectives of this course are to:

- 1. Enable the students to learn about the various textile fibres used in the apparel industry and their characteristics
- 2. Describe about yarn manufacturing process and its types
- 3. Elaborate about the various yarn defects, yarn quality criteria

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

On th	e successful completion of the course, student will be use to.						
CO1	Differentiate the characteristics various natural fibres	К3					
CO2	Differentiate the production of semi synthetic fibres and their characteristics						
CO3	Differentiate the various production methods of synthetic fibres manufacturing and classify the fibre characteristics	K2					
CO4	Understand the principle of cotton spinning system and Differentiate the characteristics carded and combed yarns	К3					
CO5	Identify the causes for various yarn defects; apply knowledge on yarn quality requirements for various end uses.	К3					

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1 Natural Fibres 14 hours

Introduction to Textile fibres & their Classification – General properties. Cotton: Botanical and commercial classification - Properties - End uses. Brief study about Organic Cotton. Flax: properties - End uses. Wool: Grading - properties - End uses. Woollen and Worsted Yarns. Silk: Types - properties - End uses. Production of Raw silk - Degumming.

Unit:2 Regenerated Fibres 12 hours

Methods of Filament Spinning. Semi synthetic fibres: Rayon - Regenerated and modified cellulose -Viscose rayon process flow - Modal & Lyocell Fibre properties & End uses. Bamboo fibre -End uses. Acetate fibre - Properties & End uses

Unit:3 Synthetic Fibres 12 hours

Introduction to Polymer & Polymerization & its types. Synthetic fibres: Brief study about polyamide, polyester, polyacrylic, and spandex - fibre properties and End uses. Micro fibres& its properties. Texturization: Objectives, Types of textured yarns & Methods of Texturization.

Unit:4 Yarn Manufacturing 10 hours

Yarn: Classification of yarn types- Staple spinning system – Types. Influence of fibre properties on yarn quality. Cotton Yarn Production sequence and objectives - Comparison of carded and combed yarn - Winding and its objects — Yarn numbering systems - Significance of yarn twist.

Uni	t:5	Yarn Properties	12 hours							
Brie	Brief study about OE & Compact Spinning. Melange Yarn. Blended textiles: Types of blending -									
Rea	Reasons for blending. Double yarn – Properties. Sewing threads: Types, features, uses - Properties									
requ	uired for ex	port quality hosiery yarns, Various Yarn & Package defects.								
		Total Lecture hours	60 hours							
Tex	t Book(s)									
1	A text boo	ok of fibre science and technology, Mishra, S.P., New Age Inter-	national Publishers,							
	2005									
2	Textile ya	rns, Technology, Structure and Applications, Goswami.B.C., M	lartindale.J.G,							
	Scardino.I	F.L., Wiley India Pvt., Ltd., 2010								
Ref	erence Boo	oks								
1	Hand bool	k of textile fibres, Volume II, Fifth edition, Gordon Cook, J, Wo	ood head publishing							
	Ltd., 1984									
Rel	ated websi	tes								
1.	https://v	www.textileschool.com/2782/comprehensive-list-of-textile-fiber	rs/							
2.	http://te	xtilefashionstudy.com/what-is-textile-fiber-classifications-of-te	xtile-fiber/							
3.	http://gr	oktt.weebly.com/classification-of-textile-fibers.html								
4.	https://p	2infohouse.org/ref/11/10023/YarnFormation.asp								
5.	https://s	ites.google.com/site/textileschoolorg/yarn/process-of-yarn-forn	nation							
6.	https://v	www.cottonworks.com/topics/sourcing-manufacturing/yarn-mar	nufacturing/the-							
0.	basics-c	of-yarn-manufacturing-spinning-process/	A							
7.	http://te	xtilefashionstudy.com/what-is-spinning-types-of-spinning-proc	ess/							
Cou	ırse Design	ed By: Dr.P. <mark>P. Gopalakrishnan</mark>								

	Mapping with Programme Outcomes									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7			
CO1	S	S	M	L	L	L	M			
CO2	S	S	M	L	L	L	M			
CO3	S	S	M	L	L	LALE	M			
CO4	S	S	M	L	L	L	M			
CO5	S	S	M	L	L	L	M			

^{*}S-Strong; M-Medium; L-Low

Cours	se Code	13P	Computer Application Practical	L	T	P	С
Core			Practical I	-	-	4	3
	equisite		Kasic knowledge in complifer science	Sylla Versi		202 202	
	se Object						
			is course are to:				
1			reating a document using MS word & MS Excel				
			lesigning using Corel draw veb page designing				
		rse Outco					
			tion of the course, student will be able to:				
CO1			t using MS Word, MS Excel, MS Access, MS power po	oint		K.	5
CO2			sing CorelDraw			Κ	5
CO3		a web pag				Ke	 5
CO4			ge a document			K.	5
CO5	Create a	an e mail i	d			K3	3
K1 -]	Remembe	r; K2 - Ur	nde <mark>rstand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6</mark>	6 - C	reate		
On th	e successf	ful comple	tion of the course, student will be able to:				
1.	Prepare a	n interviev	v call letter and send using mail merge in MS Word.			5 ł	nrs
2.	Design th	e given ad	vertisement using in MS word. Apply various fonts and	pict	ures.	5 ł	nrs
			pie charts for the given data using MS Excel	À		5 ł	nrs
			ark statement with the following fields Roll No, Name,	Sub1	•	5 ł	nrs
4.	-		and Sub5. Calculate Total, Average, Result and Grade. A				
		nal formatt			,		
	Prepare e	mployee s	alary list with fields Employee No, Employee Name,			5 ł	nrs
5.	Experience	ce, Basic	Pay, H <mark>RA, DA, LIC, PF. Calculate G</mark> ross Salary & N	let Sa	alary		
	based on	given con	ditions				
6.	Prepare a	n power p	oint presentation about a product. Apply animation	and	slide	5 ł	nrs
0.	timing.		SULITORI S. W.				
7.	Create an	Email ID	and use various mail features			5 ł	nrs
8.	Create a t	able for ra	ilway reservation system using MS Access.			5 ł	nrs
			using CorelDraw.			5 ł	nrs
10.	Design a	T-shirt wi	th patterns using CorelDraw			5 ł	nrs
11.	Design w	eb pages v	vith hyperlinks linking all pages			5 ł	nrs
12.	Design a	webpage v	with order list and unordered list.			5 ł	nrs
			Total Lecture	hour	s	60 ho	urs
Text	Book(s)						
			veryone, Sanjay saxena, Sangam books Ltd, 2000				
	rence Boo	` ′	Diaman V D. C. H.H. C. P. 1007				
			nputers, Rajaraman V, Prentice-Hall of India, 1985 in MS Word, Neibauer, Alan R, 1986				
		ed By: Dr.					
Cours	,	Dy. D1.	N + 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				

R	Related online content						
1	https://www.coreldraw.com/en/pages/tutorials/coreldraw						
2	https://www.computer-pdf.com						

	Mapping with Programme Outcomes										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7				
CO1	L	L	M	L	S	S	M				
CO2	L	L	M	L	S	S	M				
CO3	L	L	M	L	S	S	M				
CO4	L	L	M	L	S	S	M				
CO5	L	L	M	L	S	S	M				

^{*}S-Strong; M-Medium; L-Low



Course Code	1AA	Principles of Management	Principles of Management L T P							
Allied		Paper I	4	-	-	4				
Pre-requisite		Basic knowledge about organization &	Sylla	bus	202	1-				
		management Version				2				
Cause Ohica	L*									

Course Objectives:

The main objectives of this course are to:

- 1. Introduce Profession of Management and help the students gain understanding of the functions and responsibilities of the manager
- 2. Provide participants tools and techniques to be used in the performance of the managerial job, and enable them to analyze and understand the environment of the organization.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

CO1	Understand the evolution and differentiate various management thoughts	K2
CO2	Plan the strategy and manage the organization	K3
CO3	Develop and Organize the structure of management	K2
CO4	Recognize the importance of leadership	K3
CO5	Learn the application of overall control for effective management	К3

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1 Evolution of Management concept 12 hours

Management overview-Definition, Nature, Scope, Function -Is Management Arts or Science-Management & Administration –Evolution of Management Evolution & Trends - Classical school & Modern School of Management thoughts - Roles of Managers

Unit:2 Planning 12 hours

Meaning and purpose of planning —Planning Process —Types of Plan & planning -Measures of effective Planning, Barriers to Effective Plan - Objectives-Management by Objectives Strategies - Types of strategies -Policies and Planning Premises —Management Framework —Role Played by Mission, Vision & Values- Forecasting - Decision Making - Types of decision - Decision Making Process - Rational Decision Making.

Unit:3 Organizing 12 hours

Importance & Principles- Organizational Structure & Process- Line and staff authority – departmentalization – delegation of authority – centralization and decentralization – Change Management: Organizational Change – Change Factor- Organizational Change Management.

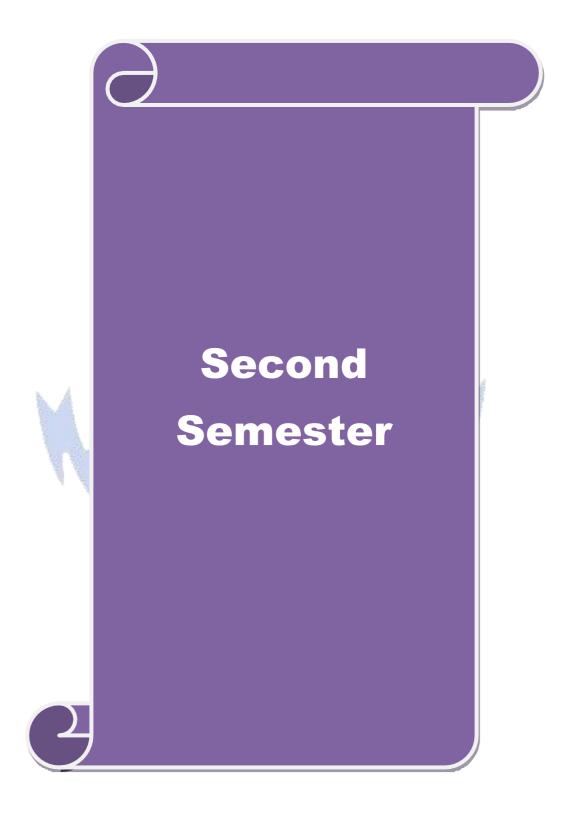
Unit:4 Directing 12 hours

Motivation – motivation theories – motivational techniques –Work Attitude & Behaviour: Job satisfaction – job enrichment – Leadership: Types and theories of leadership – communication – process of communication – barrier in communication – effective communication – Communication and IT - Organization Culture - Elements and types of culture - Managing cultural diversity.

Unit:5 Management Control 12										
Co	Control: - System and process of Controlling - Requirements for effective control - The Budget as									
Coı	Control Technique - Information Technology in Controlling - Control Techniques- Control and									
pla	planning- Types of Control- Reporting - Co-ordination; Principles in Control and Co ordination									
	Total Lecture hours 60 hour									
Tex	kt Book(s)									
1	Principles	and Practice of Management, D.K. Tripathi, Wisdom Publication	ons, 2009							
2	Principles	of Management, Kumkum Mukherjee, Tata McGraw Hill Educ	cation Pvt. Ltd.,							
	2010									
Ref	ference Boo	oks								
1	Principles	of Management, Dinkar Pagare, Sultan Chand & Sons, 2006								
2	Principles	of Management, P.C. Tripathi, P.V. Reddy, McGraw Hill Educ	cation, 2012							
3	Principle of 2008.	of Management, M. Govindarajan & S. Natarajan, PHI Learning	g Private Learning.,							
4		of Management, H. Koontz, H. Weihrich, and Ramachandra A ata McGraw -Hill Publishing Company Ltd., 2006.	ryasri A., 9st							
Rel	lated websi	tes								
1	https://www.businessmanagementideas.com/management/principles-of-management-lecture-notes/7447									
2	2 https://www.tutorialspoint.com/management_principles/management_principles_tutorial.pdf									
Coi	Course Designed By: Dr.N. Velmathi									

	Mapping with Programme Outcomes									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7			
CO1	M	L	M	S	S	S	M			
CO2	M	L	M	S	S	S	M			
CO3	M	L	M	S	S	S	M			
CO4	M	L	M	S	S	S	M			
CO5	M	L	M	S	S	S	M			

^{*}S-Strong; M-Medium; L-Low



Course Code	23A	Fabric Science	L	T	P	C			
Core		Paper III	4	4 -		3			
Pre-requisite		Basic knowledge in textile fibers & yarns	Sylla Versi	2021- 2022					
Course Objecti									
2. Compare cl	easics of weatharacteristic	course are to: aving & Knitting processes s of various woven structures & understand the difference of weft & warp knitted structures & understand				s in			
Expected Cour	<u>*</u>	es:							
		n of the course, student will be able to:							
CO1 Differen	tiate the pur	pose of various preparatory processes for weaving.				K2			
CO2 Learn ab	out formation	on of various fabric structures & types of looms and or various structures	analyz	e the		K4			
CO3 Learn the	e principle o	f <mark>knitti</mark> ng process and vario <mark>us el</mark> em <mark>ents</mark> of weft knit	ting ma	chine	e	K2			
CO4 Differen	tiate the cha	racteristics of basic knit fabric structures				K3			
CO5 Different techniqu		uirements for jacquard & Fleece structures, flat & v	varp kn	itting	5	K2			
K1 - Remember	; K2 - Unde	<mark>rstand; K3 - Apply; K4 - Analyze; K5 - E</mark> valuate; F	6 - Cre	eate					
Unit:1		Preparatory Process for Weaving	3	12	hou	rs			
Classification of	f fabric form	ing methods – Weaving preparatory processes and	its obje	ctive	s –				
Warping, Sizing secondary & aux		ng <mark>– in. Passage of material through</mark> a plain pow ons of a loom	er loon	n – I	Prima	ıry,			
Unit:2		Loom		12	hou	rs			
		huttle less looms: Introduction - Advantages - Tres - Plain weave & derivatives - Twill weaves & d							
Unit:3		Basics of Knitting		1	2 ho	urs			
Comparison of	weaving and	d knitting - Principles of weft and warp knitting - To	erms ar	nd de	finiti	ons			
of weft knitting	. Knitting n	nachine elements and description Classification of	knitting	g ma	chine	es -			
Yarn passage di	agram of a c	ircular knitting machine							
Unit:4		Weft Knit Structures			2 ho				
		le with sinker. Description of circular Rib & Interlo				ine			
		eft knit structures –Ornamentation of basic weft kni							
=		Knit, tuck and miss stitch formation and properties	- Repr	esent	ation	ı of			
weft knit stitche	S.								
Unit:5	1 11. **	Flat Knitting & Warp Knitting	Tr.		2 ho				
		uitting: Needle selection techniques - Auto stripes							
Flat Knitting – Yarn passage diagram of a flat knitting machine – Mechanical type Flat knitting									

machine - Needle bed assembly - Racking, Carriage and Cam box arrangement. Introduction to warp knitting – Warp knitting terminologies. Introduction to non-woven **Total Lecture hours** 60 hours Text Book(s) Knitting Technology, D.B. Ajgaonkar, Universal Publishing Corporation, 2006 Handbook of weaving, Sabit Adanur, SRC Press, 2009 **Reference Books** Knitting Technology Second Edition, David Spencer, Wood Head Publishing Ltd., 1989 Flat Knitting, Samuel Raz, Meisenbach Bamberg, 1993 Fabric Forming Systems, Peter Schwartz, Trevor Rhodes and Mansour Mohamed, Mahajan Publishers, 1996 Textile Fibre to Fabric, Bernard P. Corbman, McGraw Hill Publishers, 1983 **Related websites** 1 https://nptel.ac.in/courses/116/102/116102005/ 2 https://textilestudycenter.com/classification-of-loom/ 3 https://www.textileflowchart.com/2015/04/flow-chart-of-warping-process.html https://www.textileadvisor.com/2019/07/warping-process-direct-warping-process.html 4 5 http://textilefashionstudy.com/what-is-warping-objects-and-importance-of-warping/ 6 https://www.textileschool.com/246/basics-weaving-woven-fabrics/ https://www.cottonworks.com/topics/sourcing-manufacturing/weaving/the-art-of-weaving-7 basic-functions-of-the-weaving-loom/# https://www.onlineclothingstudy.com/2020/08/classification-of-knitting-machines.html Course Designed By: Dr.P.P. Gopalakrishnan

SECULIARIS S. W. SA

	Mapping with Programme Outcomes									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7			
CO1	S	S	M	L	L	L	M			
CO2	S	S	M	L	L	L	M			
CO3	S	S	M	L	L	L	M			
CO4	S	S	M	L	L	L	M			
CO5	S	S	M	L	L	L	M			

^{*}S-Strong; M-Medium; L-Low

	23B	1	Textile Colo	ouration and I	inishing	L	T	P	C
Core			Paper	IV		4	-	-	3
Pre-requisite	Basic kno	owledge in	textile fibro	es & their pro	perties	Sylla Vers		2021- 2022	
Course Objective	es:								
The main objective									
		• •		xtile colouration		C'1			
2. Describe the3. Elaborate ab				dyeing & print					
Expected Course			or ministing t	available for w	or killica stra	ctures			
On the successful			urse, student	will be able to	:				
	-		ious textile r		•			I	Κ3
				dyeing process					ζ2
		,00	nnique for pr						<u>X</u> 3
		2.0	s finished eff	-	is.				X 3
		A		its of enzymes	2				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
K1 - Remember;	•	100	A STATE OF THE PARTY OF THE PAR	AND REAL PROPERTY.	- Evaluate: K	6 - Crea	te		
		<u> </u>		42.2.2.3.2.3.4.2.3.2.3.2.3.2.3.2.3.2.3.2		0 0100			
Unit:1		- 10 (A			10.1	nours	
		1001	Preparato	ry Processes			121	ionis	5
Water: water har process sequence and methods - va	for Woven	& Knitted	ning process	s: ion exchang	<mark>ess:</mark> Singeing –	objecti	s. Preves, pr	paraterincip	ory
	for Woven rn and fabri	Knitted ic singeing	ning process I fabrics. Programachines. ydrogen per	s: ion exchang eparatory proce Desizing meth oxide bleaching	ess: Singeing – ods. Scouring-	objecti scourii	ves, programmers,	paraterincip colou ager	ory oles rec nts.
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process sequence and methods - ya fabrics. Bleaching Mercerization Unit:2 Colour: Electrom blended textiles. I over-flow machin Unit:3 Differences betwee printing – direct, Garment printing Unit:4 Introduction to fi Calendaring. Head Acid Wash. Sand Unit:5	for Woven rn and fabri g: hypochlo agnetic spe Features and es. Padding resist, disch techniques nishing- ob at Setting. Blasting.	ectrum, clad working mangles. g & Printinarge. Printinarge of Mach	ning process I fabrics. Pre g machines. ydrogen per Dy assification of principles of Garment Dy Printi g ag. Various at paste ingre Finish ag Classification garment was ines & Efflu	s: ion exchange paratory procedure Desizing methods of processing methods of procedures. After the of finishing shes: Stone Weight Desizing Machines and of finishing shes:	ess: Singeing — ods. Scouring— g — Fluorescer ath Auxiliary achines: Chees reatments for p Raising and S ash, Enzyme	chemicase, jigge preparaterinted to hearing: Wash,	ss. Preves, properties of contents of cont	paraterincip colou ager nours veing and so tyles . pactin	oryoles recents of oft-
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Text	t Book(s)
1	Dyeing and Chemical Technology of Textile Fibers (Sixth Edition), E.R. Trotman, Charles
	Lubrecht & Cramer Ltd, 1991
2	Textile Colouration and Finishing, Warren.S. Perkins, Carolina Academic Press, Durham, North
	Carolina, 1996
Refe	erence Books
1.	Technology of Bleaching and Dyeing of Textile Fibres Vol.1, Part-I, Chakravarthy RR And
1.	Trivedi S.S, Mahajan Book Publishers, 1979
2.	The Bleaching and Dyeing of Cotton Material, Prayag R.S, Weaver"s Service Cent, 1983
3.	Chemical Processing of Synthetic Fibres and Blends, Datye K.V and Vaidhay A.A., John Wiley
٥.	& Sons, New York. 1982
4.	Processing of Manmade Fibres, Moscow Usenko V, MIR Publishers, 1975
5.	Colour for Textiles: A User's Handbook, Wilfred Ingamells, Society of Dyers and Colourists,
٦.	1993
6.	Cellulosic Dyeing, John Shore, Society of Dyers and Colourists, 1995
Rela	ated websites
1.	https://www.fibre2fashion.com/industry-article/3871/dyeing
2	http://textilefashionstudy.com/process-flow-chart-of-dyeing-textile-materials-basic-structure-of-
2.	wet-processing-technology/
3.	https://www.contrado.co.uk/blog/printing-methods-differences/
4.	https://www.creative-enzymes.com/resource/Application-Of-Enzymes-In-Textile-
4.	Industry_62.html
5.	https://www.textileschool.com/503/industrial-enzymes-in-textile-production-and-application/
Cou	rse Designed By: Dr.P.P. Gopalakrishnan

Mapping with Programme Outcomes						No.	
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	M	L	L	L	M
CO2	S	S	M	L	L	L	M
CO3	S	S	M	L	L	L	M
CO4	S	S	M	L	L	L	M
CO5	S	S	M	L	L	L	M

^{*}S-Strong; M-Medium; L-Low

Course Code	23P	Fabric Analysis Practical	L	T	P	С				
Core		Practical II	-	-	4	4				
Pre-requisite	Rocio I	znowladgo in knitting & wooving	Sylla	bus	202	1-				
1 re-requisite	Dasic F	Basic knowledge in knitting & weaving			2022	2				
Course Objectiv	Course Objectives:									

The main objectives of this course are to:

- 1. Analyze the single jersey & double jersey weft knitted structures to determine the stitch density, loop length, Tightness factor, and to determine the cam order, needle order requirements
- 2. Analyze the feeder striper & auto striper structures to determine the yarn requirements, and yarn feeding order in creel
- 3. Analyze the jacquard structures to determine the yarn requirements, and to determine the cam setting details
- Analyze the woven structures to determine the EPI. PPI, varn count, varn crimp & Cover

	count, y and to determine drafting order and peg planning	am cm	ір & С	over	
	ted Course Outcomes:				
On the	successful completion of the course, student will be able to:				
CO1	Analyze & Identify the type of fabric structure and fabric particulars fo fabrics	r woven		K4	
CO2	Evaluate the machine requirements for producing woven fabric structure	res		K5	
CO3	Analyze & Identify the type of fabric structure and fabric particulars fo fabrics	r knitted		K4	
CO4	Evaluate the machine requirements for producing knitted fabric structure	res		K5	
CO5	Create a fabric design for weaving / Knitting	7		K6	
K1 - R	Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 - Cre	ate		
Ex.No	1	7 L			
	e and Wale Density B) Loop length C) Areal Density (GSM) D) Tightne	ss Factor	· E)		
	ical graph F) Cam order G) Needle order				
Single	jersey derivative – 3 samples		12 hou		
Doubl	e jersey derivatives- 3 samples		12 hou	ırs	
Auto s	tripe & Jacquard designs – 2 samples		8 hour	S	
Ex.No	.2 Analyze the given woven fabric sample (Plain, Twill, Satin and	l its deri	vatives)) for	
	the following particulars and draw the design, draft ar	nd peg pl	lan		
A)	EPI B) PPI C) Warp and Weft crimp & count D) Cover Factor E) GSM	[
Plain v	weave & its derivative – 3 samples		8 hour	S	
Satin & its derivative – 2 samples 10 hours					
Twill weave & its derivative - 3 samples 10hours					
	Total Lecture hours	60	hours		
Text I	Book(s)				
	abric Structure and Design, N. Gokarneshan, New Age International Pub		2008		
2 K	nitting Technology, Ajgaonkar D.B, Universal Publishing Corporation,	1998			

Ref	Reference Books						
1	Knitting Technology Second Edition, David Spencer, Wood Head Publishing Ltd. England						
1	1989						
2	Flat Knitting, Samuel Raz, Meisenbach Bamberg, 1993						
3	Principles of Weaving, R. Marks, A.T.C. Robinson, The Textile Institute, Manchester, 1976						
Rel	ated websites						
1	https://www.textileschool.com/360/types-of-fabric-weaving-looms						
2	https://textilelearner.blogspot.com/2013/08/woven-fabric-analysis-analysis-of-woven.html						
3	https://www.textileflowchart.com/2014/12/process-flow-chart-of-weaving						
Cou	urse Designed By: Mr.K. Balamurugan						

Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	M	L	L	S	S
CO2	S	S	M	L	L	S	S
CO3	S	S	M	L	L	S	S
CO4	S	S	M	L	L	S	S
CO5	S	S	M	L	L	S	S

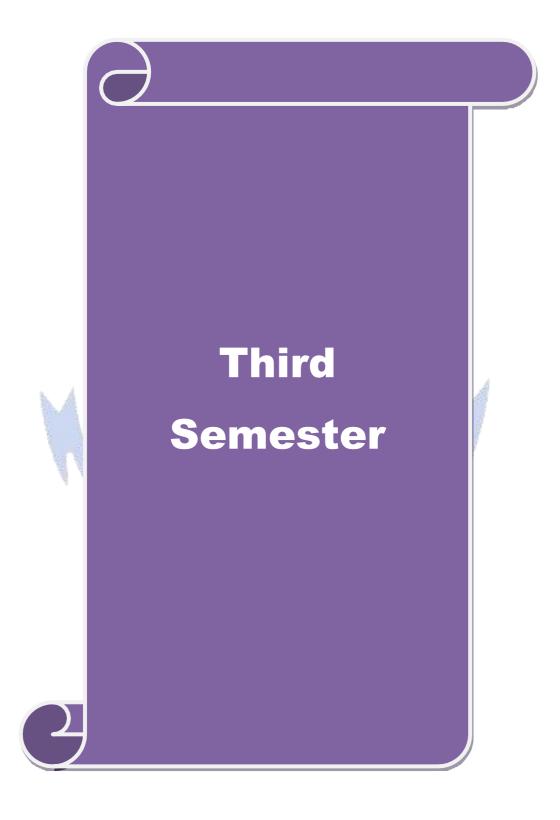
^{*}S-Strong; M-Medium; L-Low

Course	Code	2AA	Accounting for Managers	L	Т	P	C
Alli	ied	1	Paper II	4 -			4
Pre-requ	icita	Ro	sic knowledge in numeric calculations	•			1-
11e-requ	Version 20						2
Course C	Objectiv	es:					
	3		course are to:				
			ith financial statements, principles of accounting an	d dev	elop	their	
	_	innual repo		, c			. 1
decisions		itions for a	eveloping the skills in interpreting financial statemen	its Ioi	r mar	ager	ıaı
		udente wit	h the intricacies of Financial Accounting and Manag	emen	t Acc	ount	ina
_			nformation System	CIIICII	i Acc	Ount	mg
		e Outcome					
_			n of the course, student will be able to:				
		*	damentals of accounting			ŀ	Κ2
			ancial statements				ζ4
			ancial statements				<u>X4</u>
			cept of management accounting decision making and	dearr	y out		Χ3
		Ratio analy		ı carı	y Out	r	23
			lication of Tally Accounting Software			ŀ	Κ2
		1.1	rstand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K	6 – C	reate		
Unit:1	9.4		Basics of Accounting	î		2 ho	urs
Accounti	ng: Mea	ning, Need	, Features, Book Keeping Vs Accounting; Accounting	ng Ec	uatio	on;	
			ounting, Accounting concepts, conventions; Branch				ng,
			ng, Features, Scope of Financial accounting - journ				
balance.	3						
Unit:2			Fina <mark>ncial Accou</mark> nting			hour	
_			its, Depreciation; meaning, Characteristics, Metho			_	cies
with Dep	reciation	n - Inventor	y; Meaning, Types, Importance inventory managem	ent in	busi	ness	
Unit:3			Financial Statement Analysis		1	2 ho	urs
Financial	Stateme	ents - Meth	ods of Financial Analysis - Comparative Statement	s, Tre	end A	naly	sis,
Common	size Sta	itements. A	dvantages and Limitations of Financial Statement A	nalysi	is.		
Unit:4			Management Accounting		1	2 ho	urs
Managen	nent Acc	counting; r	neaning, Importance, Managerial Accounting in	Decis	sion	maki	ng
Budgetar	y contro	l and CVP	Analysis - Ratio Analysis; meaning, importance, typ	es of	Ratio	os	ļ
Unit:5			Accounting Information system		1	2 ho	urs
Accounti	ng Infor	mation Sys	tem; Application of TALLY accounting Software	1			
		•	Total Lecture hours		6	0 ho	urs
Text Boo	ok(s)						
		tion to Acc	ountancy, 9th Edition, Maheshwari S.N & Maheshw	vari S	K, V	ikas	
			imited, 2006		,		
2 Fina	ncial Ac	counting.	S.S. Reddy & A. Murthy Margham Publications, 201	2			

Ref	ference Books
1	Essentials of Financial Accounting Ashish K. Bhattacharya, PHI, New Delhi, 2017
2	A text book of Accounting for Management,1st Edition, Maheshwari S.N & Maheshwari S K Vikas Publishing House Pvt. Limited, 2012
3	Financial Accounting for Management, 2nd Edition, Ambrish Gupta, Pearson Education, 2008
4	Management Accounting, Dr. R. Ramachandran, Dr. R. Srinivasan, Sriram Publications, 2013
5	Management Accounting, Murthy A, Gurusamy, S Tata McGraw Hill Publishing Co. Ltd, 2009
6	Financial Accounting, R.L, Gupta, V.K. Gupta, Sultan, Chand & Sons, 2019
7	Financial & Management Accounting, J.C. Varshney, Wisdom Publications, Delhi, 2010
Rel	lated websites
1	https://youtu.be/aZsyO7Lxgvo
2	https://www.accountingtools.com/accounting-for-managers
3	https://lecturenotes.in/subject/60/financial-accounting-fa
4	https://www.academia.edu/21069786/ACC_1311_Introduction_to_Financial_Accounting_Lecture_No tes
Cor	urse Designed By: D <mark>r.N. Ve</mark> lmathi

Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	L	L	L	S	S	S	M
CO2	L	L	L	S	S	S	M
CO3	L	L	L	S	S	S	M
CO4	L	L	L	S	S	S	M
CO5	L	L	L	S	S	S	M

^{*}S-Strong; M-Medium; L-Low



	33A	Pattern Development	L	T	P	C
Core		Paper V	4	-	-	3
Pre-requisite	Basic knowledge in garment measurements Syllabus Version 2		- 2	021-202	22	
Course Objective			I.	<u> </u>		
The main objectiv	es of this o	course are to:				
		pattern making and pattern layout				
		fting for various styles				
3. Know the pri	incipies of	grading.				
Expected Course	Outcome	s:				
		n of the course, student will be able to:				
		ept of pattern drafting and tools used			K2	
		nd solve fitting problems			K3	
CO3 Understand					K2	
CO4 Draft patter		20. 1			K3	
-		manipulation			K2	
		rstand; K3 - Apply; K4 - Analyze; K5 - E	valuate: K o	6 - C re		
		, ==	<u> </u>	. 510		
Unit:1		Basics of Pattern Making			12 ho	ours
Introduction – Co.	ncept of ba	a <mark>sic pattern and</mark> grading – Different types	of block pa	attern.	Metho	ds o
different countries	Style wis		Albert December 15			
The same of	s. Style wit	se component parts of a garment.	ATT			
Unit:2		Pattern Layout			2 hour	
Unit:2 Pattern positioning	g and lay o	Pattern Layout out – Concept of pattern layout - Rules and		of patte	ern layo	out -
Unit:2 Pattern positioning Adjusting the patt	g and lay o	Pattern Layout out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a		of patte	ern layo	out -
Unit:2 Pattern positioning Adjusting the patt	g and lay o	Pattern Layout out – Concept of pattern layout - Rules and		of patte	ern layo	out -
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin	g and lay o	Pattern Layout out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments.		of patte	ern layong the f	out – fit of
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3	g and lay of eerns to fab ng fitting p	Pattern Layout out — Concept of pattern layout - Rules and oric. Fitting: Definition — Principles for a problems in various garments. Draping	good fit– C	of patto Checkin	ern layong the f	out – fit of
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import	g and lay of the grant to fatting properties and the grant the gra	Pattern Layout out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping	good fit— C	of patte Checkin	ng the f	out – fit of ours
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure	g and lay of the grant to develop	Pattern Layout out — Concept of pattern layout - Rules and oric. Fitting: Definition — Principles for a problems in various garments. Draping	good fit— C steps for b ,,U" neck	of patte Checkin basic b	ng the f	out – fit of ours skirt
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure	g and lay of the grant to develop	Pattern Layout out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping p necklines: Jewel neck - Round neck	good fit— C steps for b ,,U" neck	of patte Checkin Dasic b	ng the f	out – fit of ours skirt
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - S	g and lay of the grant to develop	Pattern Layout out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping p necklines: Jewel neck - Round neck	good fit— C steps for b ,,U" neck	of patte Checkin Dasic b	ng the f	out – fit of ours skirt
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - Sand puff sleeves. Unit:4	g and lay of the grant of the g	Pattern Layout out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping p necklines: Jewel neck - Round neck - Inside and outside scallop neck. Procedulation	good fit— C steps for b , "U" neck ure to deve	of patto Checkin pasic b x - Sq lop sle	12 h odice, s uare ne	out – fit of ours skirt eck Plain
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - Sand puff sleeves. Unit:4 Procedure to draft	g and lay of the serns to fabricate of drawelog star neck -	Pattern Layout out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping p necklines: Jewel neck - Round neck - Inside and outside scallop neck. Procedulatern Drafting pattern Drafting patterns for Ladies wear: Nighty, kameez,	good fit— C steps for b , "U" neck ure to deve	of patto Checkin pasic b x - Sq lop sle	12 h odice, s uare ne	out – fit of ours skirt eck Plain
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - Sand puff sleeves. Unit:4	g and lay of the serns to fabricate of drawelog star neck -	Pattern Layout out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping p necklines: Jewel neck - Round neck - Inside and outside scallop neck. Procedulatern Drafting pattern Drafting patterns for Ladies wear: Nighty, kameez,	good fit— C steps for b , "U" neck ure to deve	of patto Checkin pasic b x - Sq lop sle	12 h odice, s uare ne	out - fit of ours skirt eck Plair
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - S and puff sleeves. Unit:4 Procedure to draft detailing – Placke	g and lay of the serns to fabricate of drawelog star neck -	Pattern Layout Out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping p necklines: Jewel neck - Round neck - Inside and outside scallop neck. Procedulatern prafting pattern prafting patterns for Ladies wear: Nighty, kameez, s, Sleeve, Collar.	good fit— C steps for b , "U" neck ure to deve	of patto Checkin pasic b x - Sq lop sle	12 h odice, s eeves: 1 12 h	ours ours ours skirt eck Plair
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - S and puff sleeves. Unit:4 Procedure to draft detailing – Placke	g and lay of the serns to fatting properties of drawelog star neck - the 1/4th properties, Pockets	Pattern Layout Out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping p necklines: Jewel neck - Round neck - Inside and outside scallop neck. Procedulaterns for Ladies wear: Nighty, kameez, s, Sleeve, Collar. Dart Manipulation	steps for b	pasic b c - Sq lop sle	12 h odice, suare ne eeves: l 12 h di top. 5	out - fit of ours skirt ours ours ours
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - Sand puff sleeves. Unit:4 Procedure to draft detailing – Placke Unit:5 Basic principle of	g and lay of the serns to fall the series of drawel of the series of the	Pattern Layout Out – Concept of pattern layout - Rules and oric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping per necklines: Jewel neck - Round neck - Inside and outside scallop neck. Procedulaterns for Ladies wear: Nighty, kameez, s., Sleeve, Collar. Dart Manipulation ipulation – Displacement of bust dart (weight of the concept of t	steps for b steps for b yaist – side	pasic b c - Sq lop sle	12 h odice, s uare ne eeves: l 12 h di top. S	ours ours ours ours ours ours
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - Sand puff sleeves. Unit:4 Procedure to draft detailing – Placke Unit:5 Basic principle of	g and lay of the serns to falling fitting properties ance of drawelog star neck - to develop the star	Pattern Layout Out – Concept of pattern layout - Rules and processoric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping pencklines: Jewel neck - Round neck - Inside and outside scallop neck. Procedulaterns for Ladies wear: Nighty, kameez, s, Sleeve, Collar. Dart Manipulation ipulation – Displacement of bust dart (wg – Definition – Principles of grading – Principl	steps for b steps for b yaist – side	pasic b c - Sq lop sle	12 h odice, s uare ne eeves: l 12 h di top. S	ours ours Style
Unit:2 Pattern positioning Adjusting the patt a garment – Solvin Unit:3 Draping – Import pants. Procedure Pentagon neck - S and puff sleeves. Unit:4 Procedure to draft detailing – Placker Unit:5 Basic principle of neck of front edge	g and lay of the serns to falling fitting properties ance of drawelog star neck - to develop the star	Pattern Layout Out – Concept of pattern layout - Rules and processoric. Fitting: Definition – Principles for a problems in various garments. Draping aping – Dress form and types – Draping pencklines: Jewel neck - Round neck - Inside and outside scallop neck. Procedulaterns for Ladies wear: Nighty, kameez, s, Sleeve, Collar. Dart Manipulation ipulation – Displacement of bust dart (wg – Definition – Principles of grading – Principl	steps for b , "U" neck ure to deve salwar, mic vaist – side Basic back	pasic b c - Sq lop sle	12 h odice, s uare ne eeves: l 12 h di top. S	ours skirt eck Plain ours ours ours

Tex	t Book(s)
1	Metric Pattern Cutting for Children's Wear (From 2 – 14 Years), Winifred Aldrich,
1	Blackwell Science Ltd, England, 1991
2	Pattern Making for Fashion Design, Helen Joseph Armstrong, Harper Collins Publishers,
2	1987
Ref	erence Books
1	Metric Pattern Cutting, Winifred Aldrich, Blackwell Science Ltd, England, 1994
2	Metric Pattern Cutting for Men's Wear, Winifred Aldrich, Blackwell Science Ltd, England, 1990
3	Pattern Cutting for Women's Outerwear, Gerry Cooklin, Blackwell Science Ltd, England, 1992
4	Pattern Grading for Women's Clothes, Gerry Cooklin, Blackwell Science Ltd, England, 1990
5	Pattern Grading for Men's Clothes, Gerry Cooklin, Blackwell Science Ltd, England, 1992
6	Pattern Grading for Children's Clothes, Gerry Cooklin, Blackwell Science Ltd, England, 1991
Rela	ated websites
1	https://www.textileschool.com/293/pattern-making
2	https://www.thecreativecurator.com/pattern-making
Cou	rse Designed By: Ms.B. Jeyanthi

	M	appin <mark>g v</mark>	with Pro	gramme	Outcon	ies	7 8
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	M	M	L	L	L	S
CO2	S	M	M	L	L	L	S
CO3	S	M	M	L	L	L	S
CO4	S	M	M	L	L	L	S
CO5	S	M	M	n)L	L	L	S

^{*}S-Strong; M-Medium; L-Low

Course Code	33B	Apparel Manufacturing	Technology	L	T	P	C	
Core	1	Paper VI		4	-	-	4	
Pre-requisite	Basic l sequer	knowledge about apparel proc ce	duction process	Sylla Vers		2021-2	2022	
Course Objective	s:							
The main objective	es of this c	ourse are to:						
		sed for apparel making						
		chines used for sewing						
		essing and packing						
Expected Course			11 4					
		n of the course, student will be				177		
		nachines for spreading & cutting				K.		
		g machines for apparel product	ion			K.		
		stitches in sewing process				K.		
		es of machine attachments in so	1000			K.		
<u> </u>		ent pressing and packing meth	- 35			K.	2	
	K2 - Under	<mark>stand; K3 - Apply; K4 - Analy</mark>	<mark>ze; K5 -</mark> Evaluate	; K6 -	Create			
Unit:1		Spreading & Cutting					12 hours	
Introduction to	garment	<mark>nanu</mark> facturing processes. Spi	<mark>reading ma</mark> chine:	Type	es an	d wo	rking	
procedures. Cutting	ng mac <mark>hin</mark>	es: Types of cutting machines	and its application	on – I	Detaile	ed stud	ly on	
band knife, straig	ht knif <mark>e,</mark> 1	<mark>oun</mark> d knife & Die cutti <mark>ng m</mark> a	c <mark>hines. Com</mark> puter	rized c	utting	mach	ines.	
Auxiliary cutting of	levices – I	Prills, notches.						
Unit:2		Sewing	100	3		12 h	ours	
Classification of		Machines	atitala usa alaina	Gree ati	0-	:40 4-11		
	Samuel Control of the	ac <mark>hines & applications. Lock</mark> itch machines. Over lock mac	A ROY OF THE REST	1				
	3	400 00 do 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
Bar tacking machi	4734	m, importance & Its types. No	edie mechanism.	Such	mg m	ecnam	SIII	
Unit:3	ne. Ficoni	Classification of Stitches	572			12 h	ours	
	Pr ita al	assification- Federal standard	& Dritish stands	rda (Tongor			
		Stitch classes and its function -					, LI LCII	
Unit:4	a study on	Attachments	- auvantages and c	iisauv	amage		ours	
	uides Tv		managating foot	Cnasia	lizad .			
-	=	pes (edge & curve guide) - Con - Slack feeding and elastica	= =	_				
		omatics - Button hole – Button	•					
1 /	•					ına pai	.18 01	
Unit:5	- Needle Si	zes - Details of stand, table and	I motor for sewing	macm	mes.	12 h	ours	
	rious ma	Finishing hines for garment finishing –	Fueing Suelzie	o I.	onina			
		—Categories of pressing-The r	=	_	_		_	
	-			-		-		
	-	sses. Packaging-Types of pack	•	-		-	11a18-	
- • -	-	kaging materials-Merchandisin	g i ackaging-omp	ment f	ackas	ging-		
Selection of packa	ge design.	То4о1	Lastuma hauna			<i>6</i> 0 L		
		1 otai	Lecture hours			ou n	ours	

Text	t Book(s)
1	The Technology of Clothing Manufacture, Harold Carr and Barbara Latham, Blackwell
1	Science Ltd, England, 1994
2	Introduction to Clothing Manufacture, Gerry Cooklin, Blackwell Science Ltd, England, 1991
Refe	erence Books
1	Clothing Construction and Wardrobe Planning, Dora.S. Lewis, Mabel Goode Bowers and
1	Marietta Kettunen, The Macmillan Company: New York, 1955
2	Knitted Clothing Technology, Terry Brackenbury, Blackwell Science Ltd, England, 1992
Rela	ted websites
1	https://ordnur.com/fabric-spreading/objects-of-fabric-spreading/
2	https://garmentmerchendising.com/fabric-spreading-process-in-apparel/
3	https://www.onlineclothingstudy.com/2017/03/different-types-of-industrial-sewing.html
4	http://www.jesseheap.com/index-folders-attachments.htm
5	https://www.atlatt.com/product-category/folders/
6	https://textilestudycenter.com/garment-finishing-pressing-flow-chart-of-garment-finishing/
Cou	rse Designed By: Mrs. Arundhati Ghoshal

	Mappi <mark>ng with Programme Outcomes</mark>						
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	M	L	L	S	S
CO2	S	S	M	L	L	S	S
CO3	S	S	M	L	L	S	S
CO4	S	S	M	L	L	S	S
CO5	S	S	M	L	L	S	S

^{*}S-Strong; M-Medium; L-Low

Cour	se Code	33P	Comp	outer Aided Pat	tern Making Practica	ıl L	T	P	C		
Core			I	Practical III		-	-	6	4		
Pre-re	anisite	Basic k	knowledg	ge in garment m	easurements & use o	f Sylla	bus	202	21-		
110-10	quisite	comput	iter			Versi	on	2022			
	e Objective										
	ain objectiv										
				~ .	oftware for various sty	yles					
	rain in gradi			rious sizes maximum effici	ency						
	ted Course			maximum cirici	chey						
				course, student	will be able to:						
CO1					per the measurement	chart usi	no	K5			
	CAD softv		various g	arment styles us	per the measurement	enare asi	•••				
CO2	Grade the		for variou	ıs sizes	The state of the s			K5	,		
CO3				A STATE OF THE PARTY OF THE PAR	prepare marker plan			K3			
CO4				y improved patte				K3			
CO5				lculating marker				K2			
			2	7.00	- <mark>Analy</mark> ze; K5 - Evalu	ate: K6	- Creat				
		4.1	10	4	ing styles mentioned						
				creen, adding de		, i. d					
					s from stock library o	f Pattern	S.				
3. 0	Grading pat	terns on d	different	size scale.	- / /						
4. N	Making Mar	rker plan	for cuttin	ng fabrics.		dy d					
5. I	Estimating l	ay length	h <mark>and calc</mark>	<mark>culating marker e</mark>	fficiency.	77					
6. I	Fit analysis	of the giv	ven patte	rn using 3D CAI	osoftware.						
Ex.No.	.1 Men's	Basic T	Shirt		45		(08 hoi	urs		
Ex.No.	.1 Ragla	n with Po	ocket	700	THE REAL PROPERTY.		(08 ho	urs		
Ex.No.	.3 Men's	s Polo T S	Shirt	SELLITOR .	E WILLIAM		(08 ho	urs		
Ex.No.	.4 Men's	Trouser	r	COURAGE TO ELS	Milana		(08 ho	urs		
Ex.No.	.5 Men's	s T-Shirt v	with hoo	d				10 ho	urs		
Ex.No.	.6 Men's	Inner Ga	arment –	Vests RN / RNS			(08 ho	urs		
Ex.No.	7 Ladie	s Skirt					(08 ho	urs		
Ex.No.	Ex.No.8 Women's Nighties 08										
	Ex.No.9 Kid's Wear – Romber 08										
Ex.No.		Wear – A							8 hours		
Ex.No.	Ex.No.11 Children's Suits and Pyjama 08 hou										
					Total Lect	ure hou	rs	90 h	ours		
Text B	` '										
	•	ional pattern making for designers – women's wear men's casual wear, Jack Handford, d Publications, 2003									
			<u> </u>	on Helen Ioseni	Armstrong, Pearson	Publicati	ione 2	003			

Re	Reference Books							
1	Pattern cutting for clothing using CAD, Lectra & Modaris, M. Stott, Woodhead Publishing,							
	2012							
Re	Related online content							
1	https://www.textileschool.com/293/pattern-making							
2	https://www.thecreativecurator.com/pattern-making							
Co	Course Designed By: Mr.P. Murugan							

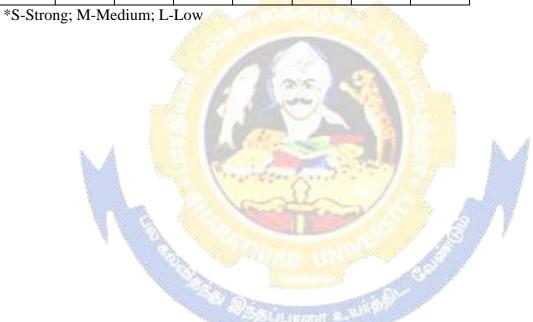
	Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1	S	S	S	L	L	S	S	
CO2	S	S	S	L	L	S	S	
CO3	S	S	S	L	L	S	S	
CO4	S	S	S	L	L	S	S	
CO5	S	S	S	L	L	S	S	



Pre-requisite Basic knowledge in garment measurements	Coı	ırse Co	de	33Q			M	Ian	nual	l Pa	attei	rn N	Mak	ing	Pra	ctica	l		L	T	P	С		
Tree-requisite Basic Knowledge in garment measurements Version Course Objectives: The main objectives of this course are to: 1. Train in preparing patterns for various styles 2. Enable the students to grade the prepared pattern for various sizes Expected Course Outcomes: On the successful completion of the course, student will be able to: CO1 Understand the measurement chart and specifications K2 CO2 Apply the knowledge and draft the pattern K2 CO3 Set allowances at various points K3 CO4 Create pattern any given measurement K5 CO5 Grade the pattern for any size from basic size K5 K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Develop patterns and grade to various sizes for the following garments EX.No.1 Men's Vest RNS O6 hours EX.No.2 Men's round neck t-shirt O6 hours EX.No.3 Men's Polo t-shirt O6 hours EX.No.4 Men's Hooded t-shirt O6 hours EX.No.5 Men's Ragion T Shirt O6 hours EX.No.6 Men's Kimino Sleeve Top O6 hours EX.No.7 Men's Trouser O6 hours EX.No.9 Men's Track Pant O6 hours EX.No.10 Romber O6 hours EX.No.11 Baba Suit O6 hours EX.No.12 A Line Frock O6 hours EX.No.13 Ladies Basic Bodice O6 hours EX.No.14 Ladies Top O6 hours EX.No.15 Ladies Skirt O6 hours EX.No.16 Professional pattern making for designers – women's wear men's casual wear, Jack Handford, Fairchild Publications, 2003 Pattern making for clothing using CAD, Lectra & Modaris, M. Stott, Woodhead Publishing, Reference Books	Co	re		l	ı				P	ract	tica	al IV	7						-	•	6	3		
The main objectives of this course are to: 1. Train in preparing patterns for various styles 2. Enable the students to grade the prepared pattern for various sizes Expected Course Outcomes: On the successful completion of the course, student will be able to: CO1 Understand the measurement chart and specifications K2 CO2 Apply the knowledge and draft the pattern K2 CO3 Set allowances at various points K3 CO4 Create pattern any given measurement K5 CO5 Grade the pattern for any size from basic size K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Develop patterns and grade to various sizes for the following garments Ex.No.1 Men's Vest RNS O6 hours Ex.No.2 Men's round neck t-shirt, Ex.No.4 Men's Hooded t-shirt O6 hours Ex.No.5 Men's Raglon T Shirt O6 hours Ex.No.5 Men's Kimino Sleeve Top O6 hours Ex.No.6 Men's Kimino Sleeve Top O6 hours Ex.No.7 Men's Trouser O6 hours Ex.No.9 Men's Track Pant Ex.No.10 Romber Ex.No.11 Baba Suit Ex.No.12 A Ladies Basic Bodice Ex.No.13 Ladies Basic Bodice Ex.No.14 Ladies Top O6 hours Ex.No.15 Ladies Skirt O6 hours Ex.No.16 Hoof Hours Ex.No.17 Ladies Top O6 hours Ex.No.18 Ladies Basic Bodice For Hooded Teshird O6 hours Ex.No.19 Ladies Top O6 hours Ex.No.10 Romber Pattern making for designers – women's wear men's casual wear, Jack Handford, Fairchild Publications, 2003 Reference Books 1 Pattern making for clothing using CAD, Lectra & Modaris, M. Stott, Woodhead Publishing,	Pre-	-requisi	te l	Basic kno	10W	vled	dge	in	gar	rme	ent 1	mea	asur	eme	ents			"	•		2021	2021-2022		
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	Refe	erence l	Books																					
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2012		2012																						

Rela	Related online content						
1	https://www.textileschool.com/293/pattern-making						
2	https://www.thecreativecurator.com/pattern-making						
Cou	rse Designed By: Ms.B. Jeyanthi						

	Mapping with Programme Outcomes						
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	S	L	L	S	S
CO2	S	S	S	L	L	S	S
CO3	S	S	S	L	L	S	S
CO4	S	S	S	L	L	S	S
CO5	S	S	S	L	L	S	S



Course Code	3AA	Retail Management	L	T	P	C				
Allied	<u> </u>	Paper III	5	-	-	4				
Pre-requisite	Basic k	nowledge in management concepts	Sylla Vers	abus sion	202 202					
Course Objectives:										
The main objective										
		s retail formats								
2. Learn about requirements for setting up of retail store										
		ot of franchising								
Expected Course										
		ion of the course, student will be able to:								
		of retail business management]	K2				
CO2 Learn abo	ut variou	s retailing formats]	K3				
CO3 Learn abo	ut concep	ot of franchising & retail merchandising]	K2				
CO4 Make out	the steps	in setting up of retail store				K2				
CO5 Manage a	retail sto	ore			J	K3				
K1 - Remember;	K2 - Und	le <mark>rstand; K3 - Apply; K4 - Analyze; K5 -</mark> Evaluate;	K6 – (Create	;					
Unit:1 Basics of Retailing						15 hours				
	global r	tions of retailing –Retailer Vs Wholesaler - Classifetailers – Challenges to Retail development in Indicerations								
Unit:2	A.c.	Retail Business Model	9		hou					
70	September 19 has	For <mark>mats: Store Based Retailing – Non –</mark> store base	e retail	ing –	Serv	vice				
Retailing – Retail	formats	and the concept of the Lifecycle -								
Unit:3		Understanding Retail Consumer		1	15 ho	urs				
decision making	process –	retail consumer – Factors influencing the retail since Retail Franchising – advantages – disadvantages. For sof Merchandiser in Retail store – Merchandiser results of Merchandiser in Retail store – Merchandiser results of Merchandiser results of Merchandiser in Retail store – Merchandiser results of Merch	Retail r	nerch	andis	sing				
Unit:4		Store Management		1	15 ho	urs				
Types of retail sto	ore locati	ons – isolated store – steps involved in choosing a r	etail st	ore lo	catio	n –				
Retail store desig	n - Impo	rtance of retail store design - interior and exterior of	lesign	– type	es of	lay				
out – Visual Mero	chandisin	g								
Unit:5		Managing Retail		1	15 ho	urs				
Organisation structure in retail – HRM in retail – Financial aspect of retailing – measures of										
performance evaluation - strategic profit model - retail marketing mix - STP approach - retail										
image - retail communication mix - CRM in retail - Retail Management Information system										
		Total Lecture hours		7	75 ho	urs				
Text Book(s)	Text Book(s)									
1 Retailing Management, Swapna Pradhan McGraw-Hill Companies, 2008.										

Ref	Reference Books						
1	Retailing, Roger Cox, Paul Brittain Pearson Education, 2009						
2	Retail Management, Gibson G. Vedamani, Jaico Publishing House, 2009						
3	Principles of Retail Management, Rosemary Varley & Mohammed Rafid, Palgrave Macmillan,2007						
Rel	lated websites						
1	https://www.tutorialspoint.com/retail_management/retail_management_tutorial.pdf						
2	https://www.managementstudyguide.com/retail-management.htm						
Co	urse Designed By: Dr.N. Velmathi						

Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	M	L	S	S	L	M
CO2	M	M	L	S	S	L	M
CO3	M	M	L	S	S	L	M
CO4	M	M	L	S	S	L	M
CO5	M	M	L	S	S	L	M

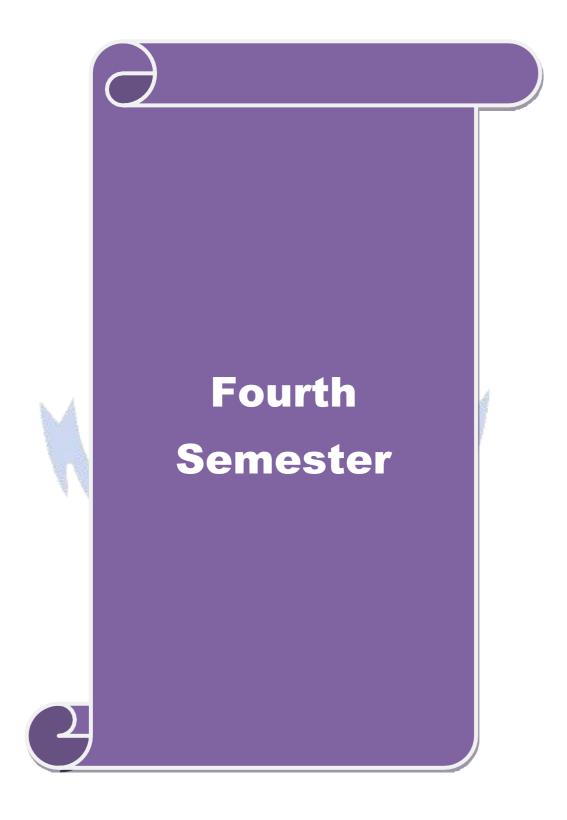
^{*}S-Strong; M-Medium; L-Low

Course Code	3ZA	Fashion Communication	L	T	P	C
Skill Based Subj	ect	Skill Based Subject I	3	-	-	3
Pre-requisite		Basic knowledge in fashion concepts	Sylla	abus	2021	-
Tre-requisite		basic knowledge in fashion concepts	Vers	sion	2022	
Course Objectiv						
The main objective						
		s of fashion communication				
		precasting & styling				
Expected Course	-	n and garment displays				
		on of the course, student will be able to:				
		ics of design principles			K2	
		ting techniques			K2	
					K3	
		nion styling & its elements	0.000			
		fashion promotion techniques and its implicati	OHS		K2	
	• •	pes of product displays	, T7.	<u> </u>	K2	
KI - Remember;	K2 - Und	e <mark>rstand; K3 - Apply; K4 - Analyze; K5 - Evalu</mark>	iate; Ko	- Cre	ate	
T T 14 4	-		1		00.1	
Unit:1		Design Principles			09 hou	rs
Design Principles	s and Ele	ments –Perspective and Application to Appare	el and I	ifesty	le prod	lucts
1686. JH		ole in Design and Environment. Factors influen		_	_	1400
Unit:2	À.	Fashion Forecasting			09 hou	rs
Fashion Forecast	ing –Intro	oduction Forecasting considering Fashion Cyc	le as a	prelud	e. Stud	ly o
	The second secon	on Forecasting Process. Forecasting of colou	000	-		•
	W	Forecasting of Trend. Using various resour	7	_		
Fashion Forecast				-		
Unit:3		Fashion Styling			09 h	our
Fashion styling-C	Communic	cate your ideas using fear sheets, storyboards, n	nood an	d cond	ept bo	ards
testing, writing of	caption a	nd team production. Elements of style- acce	essing s	styles	and tr	ends
Elements of sty	le, achie	ve visual balance, making trends. Working	g with	colou	r – c	olou
combination, cole	our wheel	, colour characteristics, simultaneous contrasts	, lights	and c	olour.	
Creating Fashion	Story - T	arget market, Fashion Story, building mood and	d visual	prese	ntation	
Unit:4		Fashion Promotion			09 h	our
Fashion promotion	on-Advert	ising – definition, benefits, ethical issues in	adverti	sing. A	Advert	ising
models, advertisi	ng media	, advertising appropriation Production, creati	ve strat	egy, f	ashion	
advertising, fashi	on promo	tion. Visual merchandising in fashion commun	ication.			
Unit:5		Display			09 h	our
Introduction to 3	D Introdu	ction to space and types of spaces. Introduction	to grap	phics a	nd sig	nage
design for displa	y and exh	nibition. Develop understanding of equipment	and ma	chiner	y and	their
limitations. Wind	low displa	y and Window Dressing.				
		Total Lecture hours			45 h	our

Tex	t Book(s)
1	Fashion as communication, Barnard M, Routledge & CRC Press, 2002
2	Inside the Fashion Business, 6th Edition, Jeannette Jarnow, Fashion Institute of Technology Kitty G. Dickerson, University of Missouri, Columbia, Pearson, 1997
3	The Dynamics of Fashion, Elaine Stone, Fairchild Books, 2009
Ref	erence Books
1	Fashion, Media, Promotion: The New Black Magic, Jayne Sheridan, John Wiley and Sons, 2013
2	Fashion Forecasting: Research, Analysis and Presentation. 2nd ed. New York, NY: Brannon, E.L. Fairchild Publishing, INC. 2005
Rela	ated online content
1	https://www.studocu.com/en-gb/document/manchester-metropolitan
2	https://www.ied.edu/milan/fashion-school/master-courses/fashion-communication-and-styling/MPA1354I
Cou	rse Designed By: Ms.B. Jeyanthi

	Mapping with Programme Outcomes										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7				
CO1	S	L	M	L	S	L	L				
CO2	S	L	M	L	S	L	L				
CO3	S	L	M	L	S	L	L				
CO4	S	L	M	L	S	L	L				
CO5	S	3-L	M	L	S	L	●L 🥻				

^{*}S-Strong; M-Medium; L-Low



Course Code	43A	Apparel Quality Assurance	L T		P	C	
Core		Paper VII	4	-	-	3	
Pre-requisite	Basic k	nowledge in textile fibres, yarns & fabrics	Sylla Versi		2021-202	2021-2022	
Course Objectiv	es:		· ·	<u>'</u>			
The main objective							
		test for yarns, fabrics & garments					
		is levels of inspection & its procedure in appar			1		
3. Describe abo		is norms & standards followed in testing and in	ispecuc)[]			
		ion of the course, student will be able to:					
		ing procedure for various yarn parameters			K2		
		ations for various woven & knitted fabrics			K2		
		rious systems used for fabric inspection			K3		
		e defects and its causes in apparel production			K2		
	_	tegories of defects in garment and the various s	tandaro	·····	K4		
followed in			rtandare	10			
		lerstand; K3 - Apply; K4 - Analyze; K5 - Eval	uate: K	6 - C	reate		
Unit:1		Yarn Testing			12 ho	urs	
of yarn count. Y measurement	arn stren	gth testing & CSP. Testing of yarn evenness	s, yarn	twist	& Hair	ines	
Unit:2	1	Fabric Testing	77		12 ho	urs	
Knitted fabric spe	ecification	ns – Testing of Dimensional stability, Spirality	& Bow	ing.	Testing o	f	
	100	, rubbing, persp <mark>iration & lig</mark> ht - Grey scales an	d rating	gs. Br	ief study		
about testing of w	oven fab	19.74					
Unit:3		Raw material Inspection			12 h	our	
Inspection: Defin	ition - T	ypes of Inspection. Raw materials inspection:	fabric	inspe	ction sys	tem	
& Testing of Sew	ing threa	d, zippers, Buttons.					
Unit:4		In process inspection			12 h		
		its significance in apparel quality. Defects	s in Se	ewing	, Ironing	g &	
	of Seam	strength & seam slippage					
Unit:5		Final Inspection & Standards			12 h		
-	-	es. Categories of defects. Package quality te	sting –	care	labels.	Brie	
study about Testin	ng Standa	ards. Brief study about Oeko-Tex Standards.			<i>(</i> 0 *		
		Total Lecture hours			60 h	our	
Text Book(s)	<u> </u>						
		Sextiles,1st Edition, B P Saville, Woodhead Pu					
	Quality in	Apparel Industries, Pradeep V Metha & Satish	K. Bh	ardwa	ıj, NIFT,		
1998							

Refe	Reference Books						
1	Stamper, Evaluating apparel quality, Sue Humphries Sharp, Linda Donnell & Anitha A Fairchild Books, 1991						
2	Textile Testing, Arindam Basu, South India Textile Research Association, 2006						
Related websites							
1	http://textilemerchandising.com/quality-assurance-and-quality-control/						
2	https://insight-quality.com/garment-quality-control-procedures/						
3	https://garmentsmerchandising.com/acceptable-quality-level-apparel-industry/						
4	http://texhour.com/aql-and-type-of-defects						
Cou	rse Designed By: Dr.P.P. Gopalakrishnan						

	Mapping with Programme Outcomes										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7				
CO1	S	S	M	L	L	L	S				
CO2	S	S	M	L	L	L	S				
CO3	S	S	M	L	S.F.	L	S				
CO4	S	S	M	L	L	L	S				
CO5	S	S	M	L	L	L	S				

^{*}S-Strong; M-Medium; L-Low

Course code	43B	Apparel Co	sting	L	Т	P	C	
Core		Paper VI	II	4 -				
Pre-requisite	·e-requisite Rasic knowledge in garment production processes '						2021- 2022	
Course Objecti	ves:							
2. Impart learn	ning about p ning about c	course are to: rinciples of costing and budge osting procedure for various g osting procedure for export an	garment styles					
Expected Cours	se Outcome	s:						
On the successfu	ıl completio	n of the course, student will b	e able to:					
CO1 Understa	and the elem	ents of cost in pricing apparel	S]	K2	
CO2 Learn ab	out the Bud	geting process	A.]	K2	
CO3 Learn ab	out the cost	est <mark>imation technique</mark> s for var	ious fabrics]	K4	
CO4 Evaluate	the factory	cost of the garment]	K5	
CO5 Learn ab	out the pric	ng of garments	1 61]	K3	
K1 - Remember	; K2 - Unde	rstand; K3 - Apply; K4 - Ana	<mark>lyze; K5 - E</mark> valuate;	K6 - C	reate			
	- 100		1 (A)					
Unit:1		Elements of Cost	100	d		12 ho	urs	
Co.	r - overhead	 direct expenses - direct wag s prime cost - work cost costing 				_		
Unit:2	T TO	Budgeting			-	12 ho	urs	
		geting <mark>princip<mark>les for the a</mark>ppa f budgets- any justification ef</mark>	-4000C -4000C			budg	et -	
Unit:3		Fabric Cost Estimatio				12 ho	urs	
Cost estimation	of yarn, kni	ted fabric, dyeing, printing &	finishing. Woven Fa	abric C	Costin	g: fal	oric	
types, yarn cons	sumption, w	eaving price Cost estimation	for cutting, stitching	, checl	king,	packi	ing,	
forwarding, ship	ping, and in	surance.						
Unit:4		Factory Cost Estimation	on		-	12 ho	urs	
	•	or Woven & Knitted - vest, b						
		Shirt, Woven Tops & Botto	m. Various factors	to be	consi	derec	l in	
	estic produc	s & international products.						
Unit:5		Pricing		•		12 ho		
_		arel products: Price elasticity	= :		_		_	
•	_	nal cost, cost plus pricing me	-	_				
	-	cing, variable cost pricing,	direct cost pricing d	erivati	on o	COS	ιOΙ	
apparel products	s-woven/km		otal Lecture hours			60 ho		
		10	nai Lecture Hours			JU IIU	urs	

Tex	at Book(s)							
1	Apparel Costing, M. Krishnakumar, Abhishek Publications 2015							
2	Apparel Costing, Andrea Kennedy, Andrea Reyes, Francesco Venezia, Bloomsbury Visual							
	Arts, 2020							
Ref	Reference Books							
1	Apparel Costing, A functional Approach, Krishnakumar, M, Abishek Publications,							
	Chandigargh, 2012							
Rel	Related websites							
1	https://www.toppr.com/guides/fundamentals-of-accounting/fundamentals-of-cost-							
1	accounting/elements-of-cost/							
2	https://corporatefinanceinstitute.com/resources/knowledge/finance/budgeting/							
3	https://efinancemanagement.com/budgeting							
4	https://theinvestorsbook.com/pricing-methods.html							
5	https://www.yourarticlelibrary.com/marketing/pricing/pricing-objectives-top-5-objectives-of-							
5	pricing-explained/48639							
Coı	urse Designed By: Mr.K.Balamurugan							

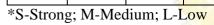
	Mapping with Programme Outcomes										
COs	PO1	PO ₂	PO3	PO4	PO5	PO6	PO7				
CO1	S	L	L	L	M	S	S				
CO2	S	L	L	L	M	S	S				
CO3	S	L "	L	L	M	S	S				
CO4	S) L	L	L	M	S	S				
CO5	S	L	L	L	M	S	S				

^{*}S-Strong; M-Medium; L-Low

Course C		de 43P	Stitches and Seams Practical	L	T	P	C	
Core		I	Practical V		_	6	4	
Pre-r	requisi	ite Basi	c knowledge in pattern making & sewing	Sylla Versi	1 1	2021-2022		
	`	jectives:						
		bjectives of this						
			get practiced in Single Needle Lock Stitch mach	nine				
			pes stitches and seams f a garment such as collars, plackets, pockets &	neck lii	nes			
		Course Outcom		neek m				
			on of the course, student will be able to:					
CO1			with various types of stitches			K6		
CO2	_		with various types of seams			K6		
CO3	_	•	types of necklines, pockets & sleeves			K6		
CO4			types of plackets			K6		
CO5		struct different				K6		
K1 - 3	Reme	mber; K2 - Und	e <mark>rstand; K3 - Apply; K4 - Analyze; K5 - Evalua</mark>	te; K6	- Crea	ate		
		1						
		Practice on Sing	gle Needle Lock Stitch machine for given paper	/ fabric				
Ex.N	lo.1	exercise – Straight lines, curves, squares, rectangles, triangles and any						
		other irregular shapes					ours	
		Prepare at least	five different stitches and seam samples by using	g differ	ent	1	ours	
Ex.N	lo.2	sewing machines and furnish the machine threading diagram along with						
		stitch density and thread consumption details.						
Ex.N	Io 2	Developing seams of various types - superimposed, bound, lapped, flat felt						
EX.IN	10.5	and piping.						
Draft	t the P	attern, Cut &	Construct The <mark>Following</mark> Components For Th	ne Give	n Me	asurei	ment	
Ex.N	lo.4	Different Neck	Lines (At Least 3Types)			10 h	ours	
Ex.N	No.5	Different Collar	rs (At Least 3 Types)			10 h	ours	
Ex.N	lo.6	Different Sleeve	es (At Least 3 Types)			10 h	ours	
Ex.N			ets (At Least 3 Types)			10 h		
Ex.N	lo.8	Different Pocke	ts (At Least 3Types)			10 h	ours	
			Total Lecture hours			90 h	ours	
	D	<u>(s)</u>						
Text	B00K((5)						
	The 7	Technology of	Clothing Manufacture, Harold Carr& Barbar	a Lath	am B	Black	well	
Text	The 7	, ,	Clothing Manufacture, Harold Carr& Barbar	a Lath	am B	Black v	well	
1	The T	Technology of aces, 1996	Clothing Manufacture, Harold Carr& Barbar					
	The Table Scient	Technology of aces, 1996	ing Handbook: Analysis, Principles and Pra					
1	The Table Scient Appa Bobb	Technology of aces, 1996 arel Manufactur in Media Corpo	ing Handbook: Analysis, Principles and Pra	ctice,	Jacob	Solin	iger,	

Refe	Reference Books							
1	Sewing for the Apparel Industry, Shaeffer Claire, Prentice Hall, New Jersey, 2001.							
2	A New Look at Apparel Mechanization, Technical Advisory Committee of AAMA, 1978.							
Related Online content								
1	https://joyfulbunny.com/20-sewing-tutorials-for-beginners							
2	https://www.positivelysplendid.com/easy-sewing-projects-for-beginners							
Cou	Course Designed By: Mrs.R. Sneha							

	Mapping with Programme Outcomes										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7				
CO1	S	S	S	L	L	S	S				
CO2	S	S	S	L	L	S	S				
CO3	S	S	S	L	L	S	S				
CO4	S	S	S	L	L	S	S				
CO5	S	S	S	L	L	S	S				



Course Co	de 43Q	Textile Testing Practical	L			C	
Core		Practical VI	(3	
Dra raquis	ito	Basic knowledge in quality parameters of	Syllabus 202				
Pre-requis	atte	fibres, yarns & fabrics	Version 20				
Course Ob	jectives:						
	•	his course are to:					
		ibre identification tests					
		esting of yarn parameters					
	Course Outc	various physical & chemical testing of fabrics					
=		etion of the course, student will be able to:					
					I/	- 5	
		tify the fibre composition in a given blend			K		
		n quality parameters such as count, strength & twist	D. 4		K		
		ric quality parameters such as CRA, drapability & Cl			K		
		ric colour fastness to washing, rubbing & perspiration	n			5	
		ric dimensional stability			K	.5	
KI - Reme	mber; K2 - U	Ind <mark>erstand; K3 - Apply; K4 - Analyze; K5 - Evaluate</mark>	e; K 6	- Crea	.te		
		on of count of yarn using wrap reel & weighing scale			07 h		
Ex.No.2		on of lea strength & CSP using lea strength tester		1	08 h		
Ex.No.3	200. 400.	<mark>on of yarn count from fabric swatch using beesl</mark> ey bal	A3444		07 h		
Ex.No.4		o <mark>n of twist of single yarn using electronic twi</mark> st tester.	. 9		07 h		
	11.00	n of Fibre using microscope and by chemical test.	-1		07 h		
Ex.No.6		on of CRA of fabric using crease recover tester.			07 h	our	
Ex.No.7	Determination Launderome	on of colour fastness of given sample to washing by utter.	ısing		08 h	our	
Ex.No.8	Determination crock meter	on of colour fastness of given sample to rubbing by u	sing		07 h	our	
E N O	Determination	on of colour fastness of given sample to perspiration	by us	ing	00		
Ex.No.9	perspiromete	T .	-	-	08 o	urs	
Ex.No.10	Determination washing.	on of dimensional stability% of a given fabric/garmer	nt to		08 h	our	
Ex.No.11	Determination	on of fabric drape ability using drape meter			08 h	our	
Ex.No.12	Determination	on of fabric bursting strength			08 h	our	
		Total Lecture hours	;		90 h	our	
Text Book	(s)						
1 Princip	ples of Textil	e Testing: An Introduction to Physical Methods of To J. E. Booth, Butterworths, 1986	esting	Texti	le Fibi	æs,	
Reference							
1. Handb	ook of Textil	e Testing and Quality Control. Elliot B. Grover and	D. S. 1	Hamb	y. Tex	tile	
Book	Publishers (In	iterscience), New York, 1960					

On	Online content					
1	https://textilefocus.com/textile-testing-methods-based-iso-standard					
2	https://www.qima.com/testing/textile-fabric/physical-testing-textiles					
Co	urse Designed By: Dr.P.P. Gopalakrishnan					

	Mapping with Programme Outcomes												
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7						
CO1	S	S	L	L	L	L	S						
CO2	S	S	L	L	L	L	S						
CO3	S	S	L	L	L	L	S						
CO4	S	S	L	L	L	L	S						
CO5	S	S	L	L	L	L	S						



Pre-requisite Basic knowledge about job role & HR requirements Version 2022 Course Objectives: The main objectives of this course are to: 1. Learn about basics of human resource planning 2. Learn about need for job analysis to determine equitable pay structure 3. Understand the need for HR forecasting and succession planning Expected Course Outcomes: On the successful completion of the course, student will be able to: CO1 Understand the concept of HRP CO2 Learn about HR planning process CO3 Learn about the job analysis process and determination of pay structure K2 CO4 Learn about need for HR forecasting CO5 Understand about succession management K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Unit:1 Components of HRP 15 hours Definition and concept of HRP, benefits, process, HRP components. Role of HR manager in an organisation- Human Capital management Unit:2 HR planning and corporate strategies 15 hours HR planning as a strategic process-employees as resources-goal attainment, linking HR process to strategy, involvement in strategic planning process, strategic HR Planning model.	Course Code	4AA	Human Resource Planning	L	Т	P	C
Course Objectives: The main objectives of this course are to: 1. Learn about basics of human resource planning 2. Learn about need for job analysis to determine equitable pay structure 3. Understand the need for HR forecasting and succession planning Expected Course Outcomes: On the successful completion of the course, student will be able to: CO1 Understand the concept of HRP	Allied		Paper IV				4
The main objectives of this course are to: 1. Learn about basics of human resource planning 2. Learn about need for job analysis to determine equitable pay structure 3. Understand the need for HR forecasting and succession planning Expected Course Outcomes: On the successful completion of the course, student will be able to: CO1 Understand the concept of HRP	Pre-requisite	-requisite Basic knowledge about job role & HR requirements Version 2					
1. Learn about basics of human resource planning 2. Learn about need for job analysis to determine equitable pay structure 3. Understand the need for HR forecasting and succession planning Expected Course Outcomes: On the successful completion of the course, student will be able to: CO1 Understand the concept of HRP							
Expected Course Outcomes: On the successful completion of the course, student will be able to: CO1 Understand the concept of HRP K2 CO2 Learn about HR planning process	 Learn abo Learn abo 	ut basics of h ut need for jo	uman resource planning b analysis to determine equitable pay structure				
On the successful completion of the course, student will be able to: CO1 Understand the concept of HRP K2 CO2 Learn about HR planning process K2 CO3 Learn about the job analysis process and determination of pay structure K3 CO4 Learn about need for HR forecasting K2 CO5 Understand about succession management K3 K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Unit:1 Components of HRP 15 hours Definition and concept of HRP, benefits, process, HRP components. Role of HR manager in an organisation- Human Capital management Unit:2 HR planning and corporate strategies 15 hours HR planning as a strategic process-employees as resources-goal attainment, linking HR process to strategy, involvement in strategic planning process, strategic HR Planning model. Unit:3 Job Analysis 15 hours Job analysis: Methods for collecting Job Analysis Information, Human Resource Planning and Recruiting: The Recruitment and Selection process-Internal and External sources of candidates, Writing Job Description& Job Specification, - Testing and Selection: Basic testing concepts, Types of Tests. Interview: Process and Types - Guidelines for Interviews. Unit:4 HR Forecasting and Compensation 15 hours Forecasting Manpower Needs, the Forecasting Process, inventorying available talent, Projecting Future Talent Supply, forecasting Staffing Requirements. Index analysis-expert forecasts-Delphi technique-nominal group technique-HR budget and staffing table, scenario forecasting and regression analysis. Wage and Salary administration Unit:5 Career planning and succession management 15 hours Definitions, concepts, stages of career development process and organizational HR Policies, carrier Anchors – Stages of growth and career, career processes Succession management process challenges of succession management, Replacement analysis - Management development programmes, objectives of MDP,,s, Job rotation. Total Lecture hours 75 hours							
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Job analysis: Methods for collecting Job Analysis Information, Human Resource Planning and Recruiting: The Recruitment and Selection process- Internal and External sources of candidates, Writing Job Description& Job Specification, - Testing and Selection: Basic testing concepts, Types of Tests. Interview: Process and Types - Guidelines for Interviews. Unit:4 HR Forecasting and Compensation 15 hours Forecasting Manpower Needs, the Forecasting Process, inventorying available talent, Projecting Future Talent Supply, forecasting Staffing Requirements. Index analysis-expert forecasts-Delphi technique-nominal group technique-HR budget and staffing table, scenario forecasting and regression analysis. Wage and Salary administration Unit:5 Career planning and succession management 15 hours Definitions, concepts, stages of career development process and organizational HR Policies, carrier Anchors – Stages of growth and career, career processes Succession management process challenges of succession management, Replacement analysis - Management development programmes, objectives of MDP,,s, Job rotation. Total Lecture hours 75 hours Text Book(s)	strategy, involv	vement in stra	itegic planning process, strategic HR Planning mod	lel.			
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Unit:5 Career planning and succession management Definitions, concepts, stages of career development process and organizational HR Policies, carrier Anchors – Stages of growth and career, career processes Succession management process challenges of succession management, Replacement analysis - Management development programmes, objectives of MDP,,s, Job rotation. Total Lecture hours 75 hours Text Book(s)				orecast	ing a	na	
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challenges of succession management, Replacement analysis - Management development programmes, objectives of MDP,,s, Job rotation. Total Lecture hours 75 hours Text Book(s)							
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Text Book(s)	r 5 5 minios, 0	5,0001,00 011			7	'5 ho	urs
• •	Text Book(s)						
		esource Mana	gement, K. Ashwathanna, Tata McGraw Hill Educ	ation P	vt. Li	td.20	10

Ref	ference Books
1	Human Resource Management, Biswajee Pattanayak, PHI Learning Pvt. Ltd,2009
2	Strategic Human Resource Management, Charles R. Greer, Pearson, 2009.
3	Human Resource Planning, Dipak Kumar Bhattacharyya, Excel Books, 2009
4	Human Resource Management, Pravin Durai, Pearson, 2009.
5	Human Resource Management, Dr. Tripathi, Wisdom Publications, Delhi,2009.
Rel	ated Websites
1	https://www.investopedia.com/terms/h/human-resource-planning.asp
2	https://www.managementstudyguide.com/human-resource-planning.htm
Cor	urse Designed By: Dr.N. Velmathi

	Mapping with Programme Outcomes											
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7					
CO1	L	L	A L	S	S	S	M					
CO2	L	L	L	S	S	S	M					
CO3	L	L	L	S	S	S	M					
CO4	L	L	L	S	S	S	M					
CO5	L	L	L	S	S	S	M					

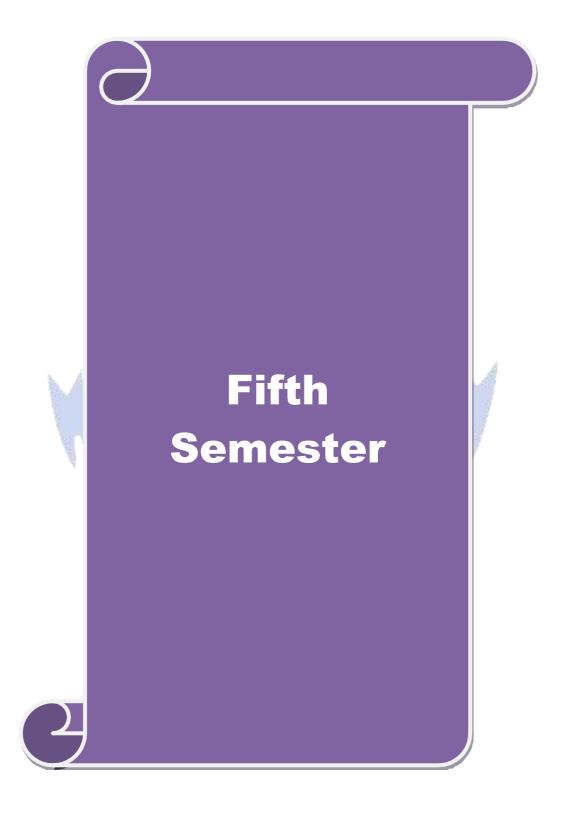
^{*}S-Strong; M-Medium; L-Low

Course Code	4ZB	Materials Management	L	Т	P	С
Skill Based Sub	ject	Skill Based Subject II	3 -		-	3
Pre-requisite		owledge in materials required in production	Syllabus Version		2021-2022	
Course Objecti						
The main object						
		t of material requirement planning				
		evaluation and purchase nanagement and inventory control				
Expected Cour		·				
		on of the course, student will be able to:				
		ortance of preparing MRP			K2	
		se management			K2	
		out store management			K3	
		ue of optimum inventory maintenance			K2	
		MIS in material management			K3	
		erstand; K3 - Apply; K4 - Analyze; K5 - Evalu	ate: K6	- Cre		
Unit:1	, 112 Ona	Materials Requirement Planning			09 hoi	ırc
	gement: ne	ed, scope and advantages; Materials requirem	l ent nla			
MRP – II & ER	_	A STATE OF THE PARTY OF THE PAR	ieni pia	5	(171141	1,
Unit:2	A	Purchase Management	10.4	ĺ	09 hot	ırs
Purchase policy	, Systems,	Procedures; Vendor Selection; Negotiation:	Vendor	Deve	elopme	ent &
-	3.	ecision, Legal aspects of Purchasing.			•	
Unit:3	VA	Stores Management	77		09 l	nours
Stores Systems	and Proced	ures <mark>; Stores Accounting & Verificatio</mark> n, Dispos	al of Su	rplus	and So	crap.
Unit:4	1	Inventory Control			09 l	nours
ABC Analysis;	VED Anal	ysis; EOQ models; fast moving, slow moving	and nor	n –mo	ving i	tems,
Just-in-Time (JI	T), Kanban	System, Maximum and Minimum Levels; Per	petual I	nvent	ory Sy	stem;
Selective Invent	ory Contro	I. SOUCATE TO ELEVATE				
Unit:5		MIS			09 l	nours
•	-	gement & Evaluation: MIS for Materials Manag	gement,	Crite	ria for	
evaluation, Inve	ntory – turi	nover Ratio.				
		Total Lecture hours			45 h	ours
Text Book(s)						
	_	nt - An Integrated Approach, P. Gopalakrishnar , 2000	% M. S	Sunda	resan,	
Prentice Hall of India, 2000 Materials Management: Procedures, Text and Cases, A. K. Datta. Edition, Prentice Hall of India Pvt. Limited, 2000.						of
Reference Bool						
		rials Management, N. K. Nair. Vikas Publishin	g House	199	0	
1. Purchasin						

Rel	Related Websites					
1	https://www.youtube.com/watch?v=4Vs3xcEEU84					
2	https://www.yourarticlelibrary.com/material-management/materials-management-meaning-					
2	importance-and-functions/53156					
Cou	irse Designed By: Dr.N. Velmathi					

	Mapping with Programme Outcomes												
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7						
CO1	S	M	L	L	M	M	S						
CO2	S	M	L	L	M	M	S						
CO3	S	M	L	L	M	M	S						
CO4	S	M	L	L	M	M	S						
CO5	S	M	L	L	M	M	S						





Course Cod	le 53A	A	Apparel Merchano	dising		L	P	C	
Core	·		Paper IX			4	-	3	
Pre-requisi		ic kno	ledge in garment production	n process	ses	Sylla Versi	202 202		
Course Ob									
The main of	•								
			ponsibilities of merchandiser	C 1					
			z programming in execution of oprovals to be given	i an orde	Γ				
Expected C			provide to be given						
			of the course, student will be at	ble to:					
	-		ns of merchandiser					I	K2
CO2 Do							I	K 3	
			provals required & inspection	procedui	res for a ga	rment		I	K3
			to be prepared	TOR.	<u> </u>			I	K2
			duct promotion					ŀ	K2
			and; K3 - Apply; K4 - Analyze	e; K5 - E	Evaluate: K	6 - Cı	eate		
	,	A	11 1 1925 NA		<u> </u>				
Unit:1			Introduction to Merchandis	sin <mark>g</mark>	3		12	2 hou	ırs
Merchandis	ing: Introd	uction.	Meaning- Apparel Merchand	licina	Concents	of S	ix R	ights	
		,	Wicaming- Apparer Wiciemand	nsing –	Concepts	01,,5		-5	, –
Organisatio			pparel industry – Classification		f.,				
_	n structure	of an		n of Exp	<mark>or</mark> ters - R	ating o	or Gr	ading	g of
export hous	n structure ses — Class	o <mark>f an a</mark> sificati	parel i <mark>ndustry – Classificatio</mark> n	n of Exp andising	orters - Ra and retain	ating o	or Gr chan	ading disin	g of g –
export house Company pr	n structure ses — Class rofile and it	o <mark>f an a</mark> sificati ts conte	pparel i <mark>ndustry – Classifi</mark> cati <mark>on</mark> of buyers – Export merch	n of Exp andising unctions	orters - Ra and retain of a merch	ating of il mer nandis	or Gr chan er – l	ading disin Esser	g of g –
export house Company prequisites of	n structure ses – Class rofile and it f a good n	of an a sificati ts conte nercha	pparel i <mark>ndustry — Classification</mark> of buyers — Export merch ats. Types of merchandiser - Fu	n of Exp andising unctions uation ar	orters - Ra and retain of a merch and develop	ating of il mer nandis	or Gr chan er – l	ading disin Esser	g of g –
export house Company prequisites of	n structure ses – Class rofile and it f a good n	of an a sificati ts conte nercha	pparel industry — Classification of buyers — Export merch ats. Types of merchandiser - Fo diser — Vendor sourcing, evalu	n of Exp andising unctions uation ar	orters - Ra and retain of a merch and develop	ating of il mer nandis	or Gr chan er – l	ading disin Esser	g of g –
export house Company programmer company comp	n structure ses — Class rofile and it f a good n Vendor nom	of an a sificati ts conte mercha nination	oparel industry — Classification of buyers — Export merch its. Types of merchandiser - Fu diser — Vendor sourcing, evaluable by buyers — Reasons for vendor	n of Exp nandising unctions uation ar or nomin	orters - Ra and retain of a merch and developmention.	ating of the state	or Gr chan er – I – Glo	ading disin Esser obal	g of g – ntial
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export house Company programmer of sourcing – V Unit:2 Process floconfirmation	n structure ses – Class rofile and it f a good n Vendor nom w in appa n – order n	of an assification of the control of	parel industry — Classification of buyers — Export merchats. Types of merchandiser - Fudiser — Vendor sourcing, evaluate by buyers — Reasons for vendor sourcing & Planning & Programming ustry — Buyer sourcing & and its importance — Planning	n of Exp nandising unctions uation ar or nomin g commur	orters - Ra and retain of a merch and developmention.	ating calling and	or Gr chan er – I – Glo 12 iiry ter p	ading disin Esser obal 2 hou – Or	g of g — ntial rder ing,
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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.

01.	Table shows and raiss. Tapparet & Textile Trade shows and raiss in findia.
	Total Lecture hours 60 hours
Tex	xt Book(s)
1	Apparel Merchandising, Jerry A & Rosenau, Fairchild Publications, London, 2014
2	Apparel Merchandising, An integrated Approach, Krishnakumar, M, Abishek Publications,
2	2010
Ref	Ference Books
1	Apparel Merchandising, Robin Mathew, Book Enclave Publishers, Jaipur, 2008
2	Building Buyer Relationships, Daragh O- Reilly & Julian J Gibas, Macmillan India Ltd, 1999
3	Fashion merchandising an introduction, Elaine Stone & Jean A. Samples, New York: Gregg
3	Division, McGraw-Hill, 1985.
Rel	ated websites
1	https://www.fibre2fashion.com/industry-article/5743/merchandising-in-an-apparel-industry
2	https://www.onlineclothingstudy.com/2011/12/functions-of-production-planning-and.html
3	http://texhour.com
4	https://www.feedough.com/what-is-advertising-advertising-objectives-examples-importance/
Cou	urse Designed By: M <mark>r.K. Ba</mark> lamurugan

	Mapping with Programme Outcomes												
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7						
CO1	S	S	L	L	L	S	M						
CO2	S	S	L	L	L	S	M						
CO3	S	S	L	L	L	S	M						
CO4	S	S	L	3 ₆ L	L	S	M						
CO5	S	S	L	L	L_{-3}	J. S	M						

^{*}S-Strong; M-Medium; L-Low

Course Code	53B	Statistics for Management	L	T	P	C		
Core		Paper X	4	-	-	4		
Pre-requisite	Basic kı	nowledge in mathematics	Sylla Vers		2022 2022			
Course Object	ives:		.1			-		
The main object	tives of this	course are to:						
		nods of data collection and presentation techniques						
		data analysis methods and its application in appare	1 indust	try				
On the successi		n of the course, student will be able to:						
		thods of data collection and presentation technique	ıc.		-T	K2		
		ue & variation for given data	<u>s</u>			K2 K4		
		n co efficient & regression analysis				K4 K4		
		for hypothesis testing				K3		
11.0						K3		
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create								
Unit:1	1, 112 01100	Introduction to Statistics			2 ho	urs		
	nition & Scot	oe of Statistics - Uses of Statistics. Primary data: m	 reaning					
700	and Graphica	n - formation of discrete series - formation of l representation of data sures of Central Tendency And Variation			2 ho			
	COX	ncy -Arithmetic Mean, Median, Mode- Measur	es of					
	7	cient of Variation.		F		_		
Unit:3	200	Correlation & Regression Analysis		1	2 ho	urs		
Correlation: M	eaning and de	efinition. Types of Correlation – Scatter diagram n	nethod	- Kar	1			
		orrelation –Spearman's Rank Correlation. Regres						
Meaning of Re	gression – Li	near regression –Regression in two variables						
Unit:4		Testing of Hypothesis I		1	2 ho	urs		
Testing of Hy	pothesis:	Introduction – Large samples: test about popul	ılation	prop	ortion	n,		
		nce between two means, difference between two st			ation	S		
	Test about p	opulation mean (t test), difference between two me	eans (t t					
Unit:5		Testing of Hypothesis II			2 ho			
		Iypothesis about equality of two variances (F-test).	ANOV	/A: C)ne-v	vay		
classification –	Two-way cla			70	1.			
T 15 17		Total Lecture hours		60	hou	ırs		
Text Book(s)	1, ,, ,, , , , , ,	C + IMP C + C + C + 1C + 1C	010					
		Gupta and M.P. Gupta, Sultan Chand and Sons, 2		24	010			
2 Business N	Business Mathematics and Statistics, P.A. Navanethem, Maruthupandyar Achagam, 2018							

Ref	Reference Books						
1	Statistics, R.S.N. Pillai and Bhagavathi S, Chand and company Pvt ltd, 2019						
2	Statistics for Management, A.K. Gupta, Vayu Education of India, 2019						
3	3 Statistics for Management, K. Subramani and A. Santha, SciTech publications Pvt ltd, 2012						
Rel	ated Websites						
1	https://youtu.be/sjRg6W2awZs						
2	2 http://www.ddegjust.ac.in/studymaterial/mcom/mc-106.pdf						
Cor	urse Designed By: Mr.R. Saravanan						

Mapping with Programme Outcomes								
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1	L	S	L	M	M	S	S	
CO2	L	S	L	M	M	S	S	
CO3	L	S	L	M	M	S	S	
CO4	L	S	L	M	M	S	S	
CO5	L	S	L	M	M	S	S	

^{*}S-Strong; M-Medium; L-Low

Course Co	de 53P	Garment Construction I Practical	L	T	P	C	
Core		Practical VII	-	-	5	4	
Pre-requis	ite Basic	knowledge in pattern making & sewing	Sylla Vers		2021-2	2021-2022	
Course Ob	jectives:						
The main o	bjectives of this of	course are to:					
	*	use of various types of sewing machines					
2. Cut fal	oric as per patterr	a & construction of garment					
Expected (Course Outcome	s:					
		n of the course, student will be able to:					
	*	· · · · · · · · · · · · · · · · · · ·			K4		
CO2 Decide & choose suitable sewing machines for construction							
CO3 Set the machine as per quality requirements							
	1 1						
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Crea							
	To practice a	nd learn the construction of various styles	of garm	ent			
Men's wea				á			
Ex.No.1	Men's Vest RN	IS	20.4		07 ho	urs	
Ex.No.2	Men's round no	eck t-shirt.			07 ho	urs	
Ex.No.3	Men's Boxer sl	norts			07 ho	urs	
Kids wear	. 3		77	•			
Ex.No.4	Romber	VARIE HELD	7		07 ho	urs	
Ex.No.5	Baba Suit				07 ho	urs	
Ex.No.6	A Line Frock				08 ho	urs	
Women's v	vear	PELILIHOTH S-M					
Ex.No.7	Ladies Basic B	odice			08 ho		
Ex.No.8	Nighties				08 ho		
Ex.No.9	Ladies Skirt				08 ho		
Ex.No.10	Leggings		1		08 ho		
		Total Lecture hours			75 h	ours	
Text Book	` '						
		ving: Garment Construction: A Complete Cou			g Clotl	ning	
for Fit	and Fashion Pap	erback, Colleen Dorsey, Fox Chapel Publish	ıng, 201	1			
Reference	Books						
		Clara M Brown, Read Books Publishers, 193	4				
	<u> </u>	kills, Premlata Mullick, 2017					

Rel	Related Online content				
1	1 https://www.textileschool.com/258/garment-construction-techniques				
2	2 https://www.youtube.com/watch?v=n0c2TY5JKI4				
Cou	urse Designed By: Mrs.R. Sneha				

Mapping with Programme Outcomes								
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1	S	S	M	L	L	S	S	
CO2	S	S	M	L	L	S	S	
CO3	S	S	M	L	L	S	S	
CO4	S	S	M	L	L	S	S	
CO5	S	S	M	L	L	S	S	



Course Code	53V	Internship		T	P	C
Project	•	Project	-	-	10	4
Pre-requisite	e-requisite Basic knowledge in apparel production processes				2021-20	022

Course Objectives:

The main objectives of this course are to:

- 1. Document the complete details about the processes in apparel production & related field
- 2. Analyze and interpret the information gathered
- 3. Prepare a report and make a presentation

Expected Course Outcomes:	
On the successful completion of the course, stu	de

On th	On the successful completion of the course, student will be able to:					
CO1	Break-down the process into various activities	K3				
CO2	Document the details of the activities	K3				
CO3	Prepare the requirements for each process and cost details	K4				
CO4	Develop a suitable method	K6				
CO5	Prepare the reports and presentations in the specified format.	K3				

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

INTERNSHIP GUIDELINES

The students have to undergo full day training in Spinning / weaving / Knitting / Dyeing / Printing / Finishing/ Washing / Sewing and relate areas of apparel production. Visit to industry should be such that it covers the most of the segments of apparel industry and the time spent in each segment should also be uniform.

Students can undergo individually or a batch of maximum 4 nos. only will be allowed for training.

Training can be planned for stretch of 3 weeks in mid of semester or 2 days per cycle of 6 days.

The faculty in charge will give all the formats and guidelines for preparing report.

The students have to record all the required information and observations during training and submit a rough copy within 5 days after completion of training.

Students have to submit the attendance copy and performance card to the faculty in charge, obtained from the respective authority of company with seal and signature. Standard format for the above documents will be given by the department. The report format and request letter from the Department should be collected by the students from the Department before the start of the training.

Student must present for review meeting to assess the progress conducted during training period. The students will be assessed based on their Training report, Viva-Voce examination and the PPT presentation by the Internal Domain Experts and department faculty members.

Total Lecture hours	150 hours

Tex	t Book(s)
1	The Impact of Globization in a developing Market, A.Anthony, Mary Joseph.T, Published by SMEs in Indian Textile, 2010.
2	Analysing Sample Production Processes in the Apparel Industry and a Model Proposal, Published by Magic world of textiles, 2012.
Ref	erence Books
1	The Successful Internship. United States, King, Mary A., and Sweitzer, H. Frederick.,
	Cengage Learning 2013.
Rela	ated Online Contents
1	https://clothingindustry.blogspot.com/2018/09/sampling-process-apparel-industry.html
2	http://textilemerchandising.com/garments-sampling-process/
Cou	irse Designed By: Dr.P.P. Gopalakrishnan

Mapping with Program <mark>me Outcom</mark> es									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7		
CO1	S	S	M	M	M	M	S		
CO2	S	S	M	M	M	M	S		
CO3	S	S	M	M	M	M	S		
CO4	S	S	M	M	M	M	S		
CO5	S	S	M	M	M	M	S		

^{*}S-Strong; M-Medium; L-Low

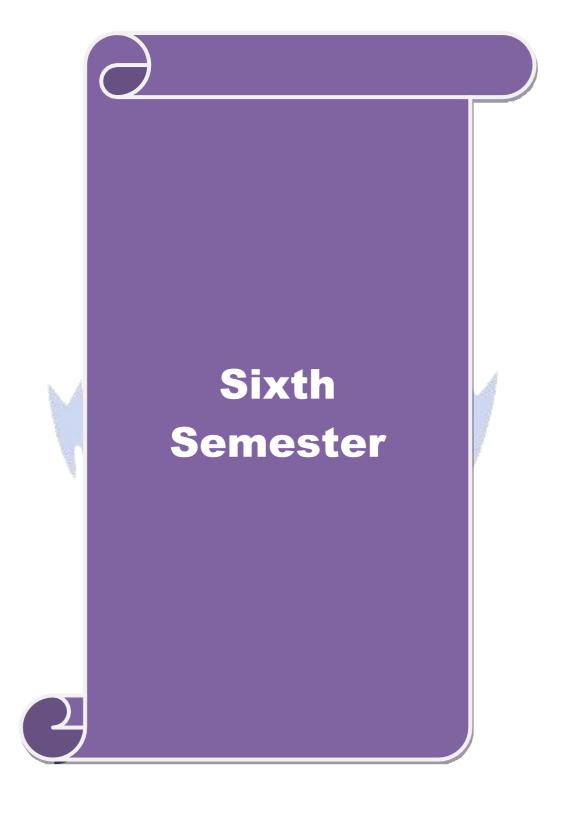
Course Code	5ZC	TOM in Apparel Industry	Course Code 5ZC TQM in Apparel Industry L T P						
Skill Based St		Skill Based Subject III	3		_	C 3			
Pre-requisite		knowledge in quality concepts		l abus sion	202 202	1-			
Course Object	tives:								
The main objectives of this course are to:									
 Learn the concepts and techniques in Total Quality Management. Develop skills to use Quality control tools and techniques in solving quality problems. Learn about International standards such as ISO, OHSAS, SA 8000 									
Expected Cou									
		tion of the course, student will be able to:							
		ndamentals of Total Quality Management				K2			
		inciples of TQM				K2			
		ol tools and tec <mark>hniques in s</mark> olving quality problems				K3			
,		FQM tools for quality improvement				K3			
		arious international standards followed in apparel pro	oductic	n and		K3			
	irements	arious meetingsonar standards rome we are appeared pro-	0440110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	• •				
		derstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 – (Create	;				
Temomoti, ita Choristand, ita Tippiy, ita Tindiya, ita avaidate, ita Create									
	Unit:1 Introduction To Quality Management 09 hou								
Definition of Planning – Qu Planning, Qua	ality cost <mark>s -</mark> lity Gurus	Introduction To Quality Management Dimensions of Product Quality – Key elements of to —Quality Statements: vision, mission and policy state - Deming Principles on TQM – Juran Trilogy – Company of the C	atemen	ality - ts; –	· Qua Strat	ality egic			
Definition of Planning – Qu Planning, Qua TQM - Japane	ality cost <mark>s -</mark> lity Gurus	Pimensions of Product Quality – Key elements of to —Quality Statements: vision, mission and policy statements on TQM – Juran Trilogy – Colores - Kaizen Concept of Quality Circles	atemen	ality - ts; – Princ	· Qua Strat iples	ality egic on			
Definition of Planning – Qu Planning, Qua TQM - Japane Unit:2	uality costs - ulity Gurus se 5S Princi	Pimensions of Product Quality – Key elements of to—Quality Statements: vision, mission and policy statements on TQM – Juran Trilogy – Caples - Kaizen Concept of Quality Circles TQM Principles	atemen Crosby	ality - ts; – Princ	Qua Strat iples	ality egic on			
Definition of Planning – Qu Planning, Qua TQM - Japane Unit:2 Principles of cycle & PDS. Customer Per	rality costs - lity Gurus se 5S Princi TQM, Lead A cycle. Reception of	Pimensions of Product Quality – Key elements of to —Quality Statements: vision, mission and policy statements on TQM – Juran Trilogy – Copples - Kaizen Concept of Quality Circles	crosby rs of T stomer ement	eality - ts; - Prince 09 CQM - satisf - Mc	Strate iples hour PE action	egic on s OCA on –			
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Accreditation and Certification agencies. Quality audit: Types of quality audit – Audit procedure. Environmental Management System (EMS): Elements of EMS – Benefits– Environmental Policies. Studies on SA8000, OHSAS 18000, WRAP.

	Total Lecture hours 45 hours							
Tex	Text Book(s)							
1	Total Quality Management N. Srinivasa Gupta, B. Valarmathi, Tata McGraw Hill Education							
	Pvt. Ltd.2009							
Ref	ference Books							
1	Total Quality Management, Poornima M. Charantimath, Pearson, 2009.							
2	Total Quality Management, B Janakiraman, R.K. Gopal, PHI Learning Pvt. Ltd., 2009.							
3	Total Quality Management, S. Bhaskar, Anuradha Publications, 2011.							
Rel	lated Websites							
1	https://textilelearner.blogspot.com/2012/09/total-quality-management-tqm-in-textile.html							
2	https://fashion2apparel.blogspot.com/2016/12/total-quality-management-tqm.html							
Coi	urse Designed By: Dr.N. Velmathi							

	Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1	L	S	L	L	L	S	M	
CO2	L	S	L	L	L	S	M	
CO3	L	S	L	L	L	S	M	
CO4	L	S	L	L	L	S	M	
CO5	L	S	L	L	L	S	M	

^{*}S-Strong; M-Medium; L-Low



		Entreprenei	urship and Small	Business				
Course Code	63A	-	Development		L	T	P	C
Core			Paper XI		4		-	3
Pre-requisite		c knowledge abo	out apparel busine	ess	Syllabus Version 20		2021-2	
Course Object	ives:				•	•		
	e students m to inves	with challenges o igate, understand	of starting new vent and internalize the		setting	up a	new	
			student will be abl	le to:				
	•	<u> </u>					1/2 1	
			eurship and traits o				K1	
			roject and project re	eport prepar	ation		K6	
		malities of SSI's		N			K3	
		e <mark>of support instit</mark>		<u> </u>			K2	
		ti <mark>on centr</mark> es and s	*	- 1			K4	
K1 - Remember	r; K2 - Un	K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
			pry, IX4 - Anaryze	, ILO D'Vare	iaic, IXu			
				100	iaic, IX			
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Tex	t Book(s)
1	Entrepreneurial Development, Dr. C.B. Gupta, Sultan Chand & Sons, New Delhi, 2009
2	Entrepreneurial Development, Dr.S. S Khanka, Sultan Chand & Sons, New Delhi, 2009.
Ref	erence Books
1	Entrepreneurship Development and Small Business Enterprises, Charantimath, Poornima,
	Pearson Education, New Delhi, 2006
2	Entrepreneurship New Venture Creation, David H. Holt, Prentice Hall of India Private
	Limited, New Delhi, 2005
Rela	ated Websites
1	https://www.researchgate.net/publication/259843889
2	https://ncert.nic.in/textbook/pdf/kebs109.pdf
Cou	rse Designed By: Dr.N. Velmathi

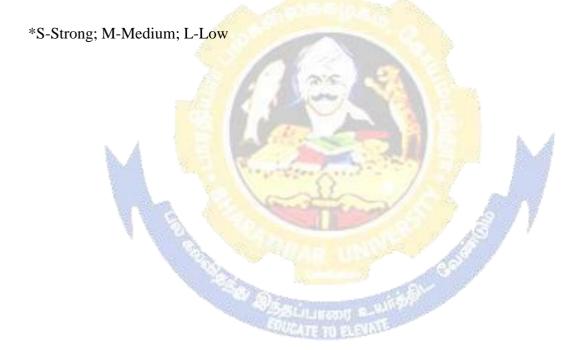
	Mapping with Programme Outcomes								
COs	PO1	PO2	PO3	PO4	PO5	PO ₆	PO7		
CO1	L	L	L	S	S	S	M		
CO2	L	L	L	S	S	S	M		
CO3	L	L	L	S	S	S	M		
CO4	L	L	L	S	S	S	M		
CO5	L	L	L	S	S	S	M		

^{*}S-Strong; M-Medium; L-Low

Course Co	ode	63P		Ga	Jarı	men	nt Co	ons	struc	ction	II	Pra	ctica	ıl	L		T	P	C
Core						Pr	racti	ical	l VI	I					-		-	5	4
Pre-requis	Pre-requisite Basic knowledge in sewing machines and clothing construction				ıg	Syllabus Version 2021-20		2022											
	Course Objectives:																		
		es of this c																	
		on use of v									nes								
		per pattern Outcomes		con	nstr	ucti	on o	or ga	arm	ent									
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Ex.No.9	Prince	ess line max	axi ga	garm	men	nt												07 ho	ours
Ex.No.10	Mern	naid dress																07 ho	ours
Ex.No.11	Prince	ess cut																07 ho	ours
	Total Lecture hours							75	hours										
Text Book	(s)																1		
 Illustrated Guide to Sewing: Garment Construction: A Complete Course on Making Clothing for Fit and Fashion Paperback, Colleen Dorsey, Fox Chapel Publishing, 2011 																			
Reference	Books	<u> </u>																	
		Construction	ion, C	Clar	ara N	МВ	row	n, F	Reac	l Bo	oks	Pub	lishe	rs. 19	934				
		construction	-											., -,					
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Related Online content						
1	https://www.textileschool.com/258/garment-construction-techniques					
2	https://www.youtube.com/watch?v=n0c2TY5JKI4					
Course	Designed By: Mrs.R. Sneha					

	Mapping with Programme Outcomes								
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7		
CO1	S	S	S	L	M	L	S		
CO2	S	S	S	L	M	L	S		
CO3	S	S	S	L	M	L	S		
CO4	S	S	S	L	M	L	S		
CO5	S	S	S	L	M	L	S		
				403	SE 5:	à.			



Course Code	63V	Project Work and Viva Voce	L	T	P	C
Project		-	-	10	4	
Pre-requisite	Basic know	wledge in apparel production processes &	Sylla	bus	2021-	
11c-requisite	managem	ent	Versi	on	2022	

Course Objectives:

The main objectives of this course are to:

- 1. Identify a problem in the field of apparel production & related field
- 2. Survey or carry out activities leading to generation of new knowledge.
- 3. Prepare a report and make a presentation

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

On the	On the successful completion of the course, student will be able to.					
CO1	Identify, formulate a real-world problem and break-down the complex problems	K3				
	into various concepts and principles based on the literature search					
CO2	Identify the activities required and methods to fulfill them and prepare a work-plan	K3				
	to execute the activities					
CO3	Create and / or select appropriate processes / tools for preparation of work	K6				
	Plan (materials and methods)					
CO4	Develop a product or process with systematic approach involving problem analysis,	K6				
	designing solutions (considering health, safety, legal and cultural issues)					
CO5	Prepare the reports and presentations in the specified format.	K3				

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Total 1	Lecture hour	rs 150 hours

PROJECT GUIDELINES

Each student or batch will be allocated with faculty guide based on the area of interest of study. Area of interest and guide allotment should be finalized before the commencement of 6^{th} semester.

Students can carry out the project work individually or along with other students for a batch of maximum 4 nos. only.

Period of project work may be for a stretch of 3 weeks or 2 days per cycle of 6 days.

Project areas/ topics should be in Spinning / weaving / Knitting / Dyeing / Printing / Finishing/ Washing / Sewing or relate areas of apparel production.

Project work may be a technical one such as development of new product / new process / study of Existing Process for improvement and so on (or) it may be non technical such as Study on HRM, QMS, Marketing, Retail, finance etc. But it should related apparel business.

All the formats and guidelines for preparing report will be given by the department. The students have to prepare and submit a rough copy on or before third week of February. Student must present for review meeting conducted during project period and the progress will be assessed by the team of faculty members comprising guide & HoD.

Tex	t Books						
1	Research Methodology Methods and techniques, C.R. Kothari & Gaurav Garg, New Age						
1	International Publishers, NewDelhi,2004						
2	Research Methodology, R.P.Misra, Publisher, Concept Publishing Company Pvt. Limited, 2016						
3	Research Methodology by Dr.N.Aumugam, Saras Publication, 2018.						
Refe	erence Books						
1	Research Design: Qualitative, Quantitative and Mixed Method Approaches, John W. Crewel,						
1	Sage Publication, 2003						
2	The Essential guide to doing research, Zina O'Leary, Vistaar Publication, New Delhi, 2004						
3	Related Reviews in Articles, Journals and Magazines.						
Rela	ted online content						
1	www.stat-help.com/intro.pdf						
2	https://open.umn.edu/opentextbooks/textbooks/459						
3	https://www.researchgate.net/publication/316023695						
4	https://link.springer.com/article/10.1186/s40691-015-0039-4						
5	https://clothingindustry.blogspot.com/2018/09/product-development-process-apparel.html						
Cou	rse designed by: Dr.P.P. Gopalakrishnan						

Mappin <mark>g with Programme Outcomes</mark>									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7		
CO1	S	S	S	L	L	M	S		
CO2	S	S	S	L	L	M	S		
CO3	S	S	S	L	L	M	S		
CO4	S	S	S	L	L	M	S		
CO5	S	S	S	L	L	M	S		

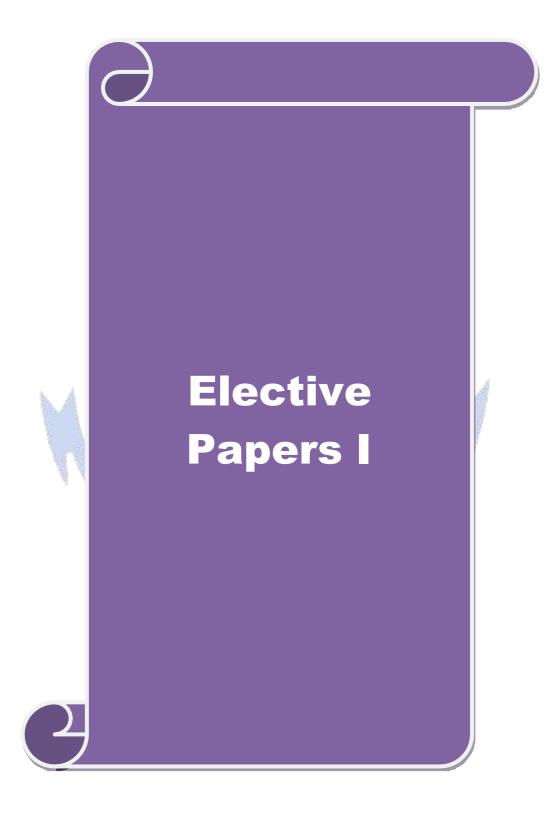
^{*}S-Strong; M-Medium; L-Low

Course Code	6ZD		ERP i	n Apparel 1	Industr	y	L	T	P	C		
Skill Based Su	bject	Skill Based Subject IV				3	-	-	3			
Pre-requisite	Basic knowledge in apparel production processes and its management					•	•		2021- 2022			
Course Object	tives:						1					
The main object												
1						rel business						
				models of I	ERP pac	ckage and its	manag	ement	t			
3. Impart Expected Cou	learning abo		19									
On the success:			course str	ident will h	e ahle t	. .						
	tand the bas			ident will b	c abic t	J.			I	Κ2		
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	nowledge in	.00.	1970	al sactor						<u>χ</u> 3		
	bout the Co	200			-	<u>.</u>				<u>χ</u> 2		
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KI - Kemembe	51, K2 - One	ierstand,	K3 - Appry	7, IX4 - Alla	ryze, K	5 - Evaluate,	Ku – C	reate				
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Unit:1					3			09	hou	rs		
	ERP: An O	verview, o	E	RP	ew, typ	es of Enterp	rises, n					
Unit:1 Introduction: E benefits of ER			Enterprise -	RP – an overvi				eed f	or E	RP		
Introduction: E			Enterprise -	RP – an overvi				eed f	or E	RP,		
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Te	xt Book(s)
1	Essentials of supply Chain Management, Dr. R.P. Mohanty & Dr. S.G. Deshmukh, Jaico
	Publishing House, 2007
Re	ference Books
1	Supply chain Management: Strategy, Planning and Operation, Chopra Sunil and Meindl Peter, Pearson Education, 2002
2	Supply Chain Management, Rahul V. Altekar, Prentice-Hall of India Private Ltd.2008
3	Supply Chain Logistics Management, Donald J Bowersox, David J Closs, M. Bixby Cooper, McGraw-Hill Companies, 2008.
4	ERP in Apparel Industry, D. Anita Rachel, Kongunadu Publications India Pvt. Ltd, 2015
Re	lated websites
1	https://clothingindustry.blogspot.com/2018/01/erp-systems-fashion-apparel.html
2	http://www.theerpinsights.com/news/erp-in-apparel-and-textile-industry-nid-517.html
3	https://www.fibre2fashion.com/industry-article/1534/benefits-of-erp-software-in-garment-and-apparel-industry
Co	urse Designed By: Mrs.D. Anita Rachel

Mappin <mark>g with Programme Outcomes</mark>									
COs	PO1	PO ₂	PO3	PO4	PO5	PO6	PO7		
CO1	M	M	L	M	L	S	S		
CO2	M	M	L	M	L	S	S		
CO3	M	M	L	M	L	S	S		
CO4	M	M	L	M	L	S	S		
CO5	M	M	L	M	L	S	S		

^{*}S-Strong; M-Medium; L-Low



	Code 5EA Fashion Marketing L									
Elective	L	Paper I - A	4	-	-	4				
Pre-requisite	Basic kno	wiedge in annarei tashion Products	yllab ⁷ ersio		2021 2022					
Course Objec	tives:									
		s course are to:								
	_	out marketing and its strategies								
		out fashion products, its mix and range for marketing out the need for advertising fashion products and types	of ad	verti	cina					
Expected Cou			or au	verti	sing					
		tion of the course, student will be able to:								
CO1 Understand the basic concepts of fashion marketing K2										
		eting functioning of fashion products				<u>K2</u> K2				
		lvertising & sales promotion				<u>ζ</u>				
		ng methods for various products				<u>C3</u>				
		global market scenario				ζ2				
	er; K2 - Uno	derstand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6	b – C							
Unit:1		Introduction to Fashion Marketing			2 hou					
=		on of marketing, fashion marketing, fashion market s								
_		<mark>micro</mark> marketing environment, m <mark>acro market</mark> ing enviro	onme	nt. Ti	rends	sir				
marketing man	agement.		4							
Unit:2	ARE TO SERVICE	Marketing		1 2	2 hou	ırs				
- mv-2	1			12	ı mot					
	ction – defi	Function	pmen							
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Tex	kt Book(s)							
1	Fashion marketing and merchandising, Pooja Chatley Manmeet Sodhia, Kalyani Publishers,							
	2003							
2	Fashion Marketing: Second Edition: Contemporary issues, Tony Hines, Margaret Bruce.							
	Routledge & CRC Press, 2007							
Re	Reference Books							
1	Marketing Principle and methods by Philip C.F and Duneon D.T, Irwin publications, 1973							
2	Fashion Marketing, Mike Easey, Blackwell Science Limited, 2005							
Re	Related online content							
1	https://www.referralcandy.com/blog/fashion-marketing-examples							
2	https://www.slideshare.net/fashionmarketing101/chapter-1-fashion-marketing							
Co	urse Designed By: Dr.N. Velmathi							

Mapping with Programme Outcomes									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7		
CO1	M	M	M	L	S	M	S		
CO2	M	M	M	L	S	M	S		
CO3	M	M	M	L	S	M	S		
CO4	M	M	M	L	S	M	S		
CO5	M	M	M	L	S	M	S		

^{*}S-Strong; M-Medium; L-Low

Course Code	5EB	Industrial Engineering	L	T	P	C
Elective		Paper I - B	4	-	-	4
Pre-requisite	Basic kno	owledge in apparel sewing processes, Productivity	Sylla	bus	202	1-
11e-requisite	concepts	and production systems	Versi	on	202	2

Course Objectives:

The main objectives of this course are to:

- 1. Impart learning about concept of IE
- 2. Impart learning about the need for method study and time study for productivity improvement
- 3. Impart learning about the bottle neck management

Expected Course Outcomes:

On the	On the successful completion of the course, student will be able to:					
CO1	Understand the basic concepts of IE	K2				
CO2	Do method study and calculate standard time	K4				
CO3	Do production calculations	K3				
CO4	Capture NPT and implement methods for production efficiency improvement	K3				
CO5	Optimize MMR and set line for product change	K3				

K1 - Remember; **K2** - Understand; **K3** - Apply; **K4** - Analyze; **K5** - Evaluate; **K6** – Create

Unit:1		Indust	rial Engineer	ing Concep	t		12	hours
Introduction –	Concept o	f Industrial	Engineering,	definition,	history	& de	evelopment,	various
techniques of I	ndustrial Er	ngineering S	cope in Textil	es		- A		

Unit:2 Method Study 12 hours

Method Study: Movements – Rules of right and wrong movements – Stages — Work station layout -Principles of Work station layout – Method study procedure – Method improvements tools Time Study procedure: Introduction to work measurement – Time study procedure – Performance rating – Normal Time – Allowances and its different types – Deriving Standard Time (SAM / SMV)

Unit:3 Production calculations 12 hours

Standard Time calculation practice – Time study sheet – Capacity calculation procedure and the practice – Efficiency calculation and the practice – Potential production pieces calculation and the practice. Introduction to group process and its importance – Need of group process improvement – Its impact in factory costing and performance improvement

Unit:4 Takt time concept

- Importance of takt time in lean methodology -Bottle neck management Importance of bottle neck management - Impact of un-balanced/ balanced line - Different bottle neck management techniques and its cost impact - Factors affecting production efficiency. Introduction to Non-productive Time (NPT) - Capturing Non-productive time - Machine break time - Feeding delays - Style changeover time - Rework impact in production efficiency - Methods of operator and the skill level

Procedure to derive actual MMR – Importance of MMR —Self checking – Self trimming concept – Staff allocation using MMR Concept Operator Skill Matrix – Capacity Vs. Actual production

difference – Skill demand analysis – Potential skill gap identification –Line setting: Style changeover – Style changeover techniques using SMED concept – Procedure in SMED concept – Internal and external timing – Time allocation for each operation – Capturing of line setting time, throughput time and its analysis – Zero hour output strategy

	Total Lecture hours 60 hours
Tex	Total Lecture hours 60 hours at Book(s)
1	Industrial Engineering in Apparel Production: V. Ramesh Babu, Woodhead Publishing India, 2011
2	Industrial Engineering Manual for the Textile Industry, Enrick, Norbert Lloyd, R. E. Krieger Pub. Co., 1978
Ref	erence Books
1	Maynard's industrial engineering handbook 5 th Edition, Kjell B. Zandin, Mc Graw Hill, 2001
2	Industrial engineering and management, Khanna, O.P, Dhanpat Rai Publications, 2018
Rel	ated websites
1	https://onlinegarmentsacademy.blogspot.com/2019/08/industrial-engineering-ie-apparel.html
2	https://garmentsmerchandising.com/process-flow-chart-of-industrial-engineering-ie/
3	https://www.goldnfiber.com/2019/07/importance-of-industrial-engineering-in-apparel-industry.html
4	https://apparelresources.com/business-news/manufacturing/ie-apparel-manufacturing-method-improvement-method-study/
5	http://work-study.info/method-study-in-apparel-industry/
6	https://texeducation.wordpress.com/2014/04/12/time-study-in-industrial-engineering-rmg/
7	https://www.onlineclothingstudy.com/2011/11/how-to-calculate-production-capacity-of.html
8	https://leanstitch.com/industrial-engineering-calculations-garment-production-factory/
Cou	urse Designed By: Dr.P.P. Gopalakrishnan

Mapping with Programme Outcomes									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7		
CO1	S	S	M	L	M	M	S		
CO2	S	S	M	L	M	M	S		
CO3	S	S	M	L	M	M	S		
CO4	S	S	M	L	M	M	S		
CO5	S	S	M	L	M	M	S		

^{*}S-Strong; M-Medium; L-Low

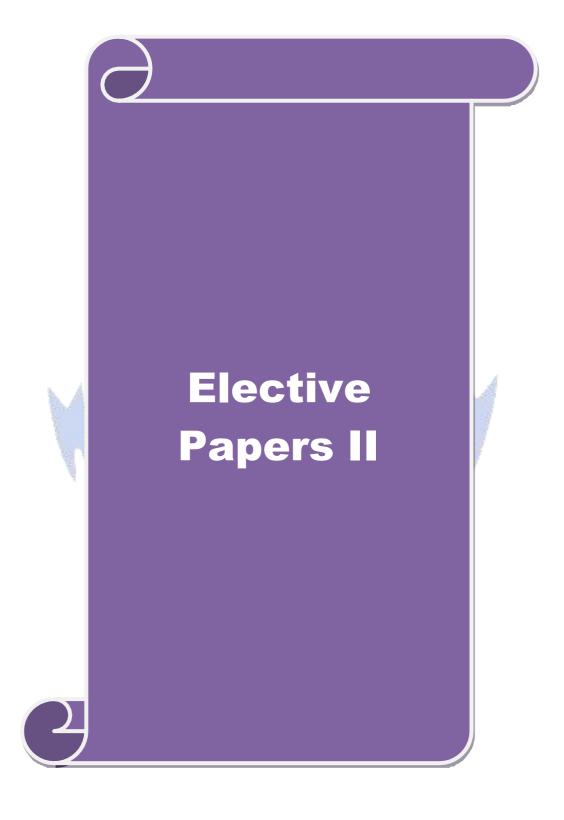
Course Code	5EC	Supply Chain Management	L	P	C			
Elective		Paper I - C	4	-	-	4		
Pre-requisite	Basic k manag	knowledge in apparel production processes & its gement	•	Syllabus 2021- Version 2022				
Course Object								
2. Make th	iliarise the em to eval	is course are to: e students on the fundamentals of logistics and supply luate supply chain performance and to make business out demand and supply forecasting, inventory manage	decisi	ons.	geme	ent.		
Expected Cour			,					
On the successf	ul complet	tion of the course, student will be able to:						
CO1 Understand the basic concepts of supply chain management K								
CO2 Learn a	about supp	ly chain distrib <mark>ution netwo</mark> rk				K2		
CO3 Learn a	about dema	and forecasting & demand management				K2		
CO4 Becom	e skilled at	t inventory management				K3		
		ogistics management and ware house maintenance				K2		
	r; K2 - Une	de <mark>rstand; K3 - Apply; K4 - Analyze; K5 - Evaluate; I</mark>	K6 – (
Unit:1		SCM Concept		12	hou	rs		
	_	nts, Stages, Flows, Processes, Decision phases View hip Effect: Causes and Solution, Implied demand un	-		_			
capabilities, Str supply chain.		Issues and obstacles in achieving Strategic fit, Effic		nd re	spons	sive		
Unit:2	ribution N	Supply Chain Network Networks — Role of distribution in supply chain,	Factor		hou			
	THE PROPERTY AND ADDRESS OF THE PARTY AND ADDR	gn, Design Options in Distribution network. E busin				_		
		gn, Besign options in Bistrication network. E casin			uiou	CIOII		
		oly chain Network - Design Decision in supply cha			Fact	tors		
minuchemig net		ply chain Netwo <mark>rk – Design D</mark> ecision in supply cha gn. Frame work for Network design decisions, Desi	ain net	work		tors		
•	work desig	ply chain Network – <mark>Design Decisi</mark> on in supply cha gn. Frame work for Network design decisions, Desi cisions- total cost considerations	ain net	work		tors		
•	work desig	gn. Frame work for Network design decisions, Design	ain net	work, Glob				
Network – Off Unit:3	work designshoring dec	gn. Frame work for Network design decisions, Desicisions- total cost considerations	ain net igning	work, Glob	al 2 ho	ours		
Network – Off Unit:3 Forecasting – of	work designshoring deconstruction,	gn. Frame work for Network design decisions, Desicisions- total cost considerations Demand and supply	ain net igning asic a	work, Glob	al 2 ho ches	ours in		
Network – Off Unit:3 Forecasting – of demand forecast	work designshoring decomposition, sting and f	gn. Frame work for Network design decisions, Design decisions, Design decisions, Design decisions, Demand and supply role, importance, characteristics of forecasting, beforecasting methods; managing demand and managing planning in supply chain. Quick response strategy in a	ain net igning asic a ng sup	work, Glob pproa pply in	l2 ho	ours in		
Network – Off Unit:3 Forecasting – of demand forecast chain, roles of a Unit:4	work designshoring decompless definition, sting and faggregate p	gn. Frame work for Network design decisions, Design decisions, Design decisions and supply role, importance, characteristics of forecasting, but forecasting methods; managing demand and managing danning in supply chain. Quick response strategy in a Inventory and Sourcing	asic againg supappare	work, Glob pproa pply in l indu	2 ho ches n sup stry 2 ho	in oply		
Network – Off Unit:3 Forecasting – of demand forecast chain, roles of a Unit:4 Inventory – def	work designshoring decomplete definition, sting and fraggregate particular finition, ro	gn. Frame work for Network design decisions, Design decisions and supply role, importance, characteristics of forecasting, beforecasting methods; managing demand and managing danning in supply chain. Quick response strategy in a Inventory and Sourcing ples, characteristics and Inventory Functionalities; design decisions, Design decisi	asic aging supappare	ming of	2 hoches a supstry 2 hoches	in oply		
Network – Off Unit:3 Forecasting – of demand forecast chain, roles of a Unit:4 Inventory – detection developed available chain.	work designshoring decomposition, sting and fraggregate printion, roility, order	gn. Frame work for Network design decisions, Design cisions- total cost considerations Demand and supply role, importance, characteristics of forecasting, beforecasting methods; managing demand and managing planning in supply chain. Quick response strategy in a Inventory and Sourcing les, characteristics and Inventory Functionalities; der point, EOQ, role of safety inventory and accommon	asic aging supappared	Glob pproapply in lindu	2 hoches n supstry 2 hooptim	in oply ours		
Network – Off Unit:3 Forecasting – of demand forecast chain, roles of a Unit:4 Inventory – detellevel of availabt Sourcing – role	work designshoring decomplete definition, sting and fraggregate profinition, roulity, order, supplier a	gn. Frame work for Network design decisions, Design cisions- total cost considerations Demand and supply role, importance, characteristics of forecasting, beforecasting methods; managing demand and managing planning in supply chain. Quick response strategy in a Inventory and Sourcing ples, characteristics and Inventory Functionalities; der point, EOQ, role of safety inventory and accommon assessment, selection criteria, design collaborations and	asic aging supappared	Glob pproapply in lindu	2 hoches n supstry 2 hooptim	in oply ours		
Network – Off Unit:3 Forecasting – of demand forecast chain, roles of a Unit:4 Inventory – deflevel of availabt Sourcing – role sourcing, JIT To	work designshoring decomplete definition, sting and fraggregate profinition, roulity, order, supplier a	gn. Frame work for Network design decisions, Design cisions- total cost considerations Demand and supply role, importance, characteristics of forecasting, beforecasting methods; managing demand and managing planning in supply chain. Quick response strategy in a Inventory and Sourcing ples, characteristics and Inventory Functionalities; design collaborations are point, EOQ, role of safety inventory and accommon assessment, selection criteria, design collaborations are of inventory management in apparel industry	asic aging supappared	mork, Glob pproapply in lindu lining of unce an ana	2 hoches a supstry 2 hoches poptimentaint	in oply ours num ties.		
Network – Off Unit:3 Forecasting – of demand forecast chain, roles of a Unit:4 Inventory – detellevel of availabt Sourcing – role sourcing, JIT Tounit:5	work designshoring decomplete designs and for the design and d	gn. Frame work for Network design decisions, Desicisions- total cost considerations Demand and supply role, importance, characteristics of forecasting, beforecasting methods; managing demand and managing blanning in supply chain. Quick response strategy in a Inventory and Sourcing bles, characteristics and Inventory Functionalities; der point, EOQ, role of safety inventory and accommon assessment, selection criteria, design collaborations are of inventory management in apparel industry Logistic management	asic againg supappared	pproapply in lindu unce un ana	2 ho ches n sup stry 2 ho optim rtaint lysis	in pply ours num for for ours		
Network – Off Unit:3 Forecasting – of demand forecast chain, roles of a Unit:4 Inventory – deflevel of availabt Sourcing – role sourcing, JIT Tounit:5 Logistic managements	work designshoring decomposition, sting and fraggregate profinition, robbility, order a supplier a supplier a sechnology	gn. Frame work for Network design decisions, Design cisions- total cost considerations Demand and supply role, importance, characteristics of forecasting, beforecasting methods; managing demand and managing planning in supply chain. Quick response strategy in a Inventory and Sourcing ples, characteristics and Inventory Functionalities; design collaborations are point, EOQ, role of safety inventory and accommon assessment, selection criteria, design collaborations are of inventory management in apparel industry	asic aging supappared	pproapply in lindu unce un ana	2 ho ches n sup stry 2 ho optim rtaint lysis	in pply ours num for for ours		

Commercial code, Key Global Documentation, Warehousing – Strategic Warehousing and its role in logistical system, Principles of warehouse design, type of warehouses, Warehouse design considerations, Warehouse decisions, Security Safety and Maintenance of warehouse, transportation – Role of transportation in a supply chain, Modes of transportation and its choice,

urai	isportation – Role of transportation in a supply chain, Modes of transportati	on and its choice,
	Total Lecture hours	60 hours
Tex	xt Book(s)	
1	Essentials of supply Chain Management, Dr. R.P. Mohanty & Dr. S.G. De	shmukh, Jaico
	Publishing House, 2007	
Ref	Perence Books	
1	Supply chain Management: Strategy, Planning and Operation, Chopra Sur Pearson Education, 2002	il and Meindl Peter,
2	Supply Chain Management, Rahul V. Altekar, Prentice-Hall of India Priva	ate Ltd.2008
3	Supply Chain Logistics Management, Donald J Bowersox, David J Closs, McGraw-Hill Companies, 2008.	M. Bixby Cooper,
Rel	ated Websites	
1	https://www.tutorialspoint.com/supply_chain_management/supply_chain_	_management_tutorial
	df	
2	https://www.toppr.com/guides/business-environment/business-functions/s	upply-chain/
Cou	urse Designed By: Dr.N. Velmathi	

Mappin <mark>g with Programme Outcomes</mark>								
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1	L	L	M	S	S	S	M	
CO2	L	L	M	S	S	S	M	
CO3	L	L	M	S	S	S	M	
CO4	L	L	M	S	S	S	M	
CO5	L	L	M	S	S	S	M	

^{*}S-Strong; M-Medium; L-Low



Course Code	6EA	Visual Merchandising	L	T	P	C
Elective		Paper II - A	4 -		-	4
Pre-requisite	requisite Rasic knowledge in retail merchandising "		202 202			
Course Object	ives:					
The main object	tives of thi	s course are to:				
-	_	concept of visual merchandising				
		lay out planning, lighting and decoration of retail sto the types of display and assortment planning	res			
Expected Cour						
		tion of the course, student will be able to:				
		pts of visual merchandising			I	K2
		terior & exterior designing of stores				K3
	bout store					K3
		n types of displays in visual merchandising				K2
		on Retailing & promotional aspects				K3
		derstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6_(⁷ reate		
Unit:1	1, 112 - Oli	Introduction to Visual Merchandising			hou	rc
	icual marc	chandising-introduction, concepts and role, importan	oca in o			
		merchandising techniques; Role of atmosphere in			-	_
_	A	ulation types, visual merchandisers in garment retail		int re	lamm	g –
Unit:2	cts and sim	Store Exterior and Interior		12	hou	re
5	– marquee	, facade, exterior display, surrounding stores and dis	splays			-
	PAS 75/50 TANK	hetic, execution of store lay out - selection of dis	50'			
_	** ***********************************	ation of store space; Display composition: Elemen				
design, tools an				P	-F	
Unit:3		Store layout		1	2 ho	urs
Factors conside	red in orga	anizing effective display – balance, rhythm, proporti	on, tex			
		at planning- grid, race track, freeform – direction of				
		mood and impression – colour, angle, motion, simple				
Unit:4		Display		1	2 ho	urs
Seasonal and tr	end decision	on for point of emphasis - creativity in display; Pla	nning	of ass	ortm	ent,
theme, ensemb	le, racks, s	helves, bins, etc. and balance of display in a show	room.	Wall	as re	etail
selling tool – ty	pes of mat	erials used merchandise display and effective wall p	lanning	g. App	olicat	ion
of colour schem	nes, colour	psychology, creating mood by colour				
Unit:5		Fashion Retailing		1	2 ho	urs
Lightings - Light	hts types, s	selection, advantages and disadvantages, music. Using	ng effec	ctive (Grapl	nics
_		apaign and promotional aspects - safety and security				
= -		garment retail outlet, boutique and haute coutur	e, acce	essori	es sh	юw
rooms, manneq	uins, fabric	e and paper displays.				
		Total Lecture hours		6	0 ho	urs

Tex	Text Book(s)						
1	New trends in visual merchandising, Judy Shepard, RSD publishing, 2012						
2	Visual Merchandising and Display, Martin M. Pegler, Fairchild Publications, 1983						
Ref	Reference Books						
1	Visual Merchandising, Swati Bhalla, Anurag S, Tata McGraw-Hill Education, 2010						
Re	elated online content						
1	https://www.slideshare.net/tinadhingra56/visual-merchandising-20418137						
2	https://www.managementstudyguide.com/visual-merchandising.htm						
Coı	Course Designed By: Mrs.R. Sneha						

	Mapping with Programme Outcomes								
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7		
CO1	L	M	L	M	S	S	M		
CO2	L	M	L	M	S	S	M		
CO3	L	M	L	M	S	S	M		
CO4	L	M	/ L	M	S	S	M		
CO5	L	M	L	M	S	S	M		

*S-Strong; M-Medium; L-Low

Course Code	6EB	Intern	ational Trac	le and Document	ation	L	T	P	C	
Elective			Paper I	I - B		4	-	-	4	
Pre-requisite	Basic	c knowledg	ge in apparel	trade		Syllabus Version 2021		2021-2	21-2022	
Course Object	ives:									
The main object										
	_		•	shipment and cus	-		e			
	_	-	-	rmalities and payr						
_			types of doc	uments to be prepa	ared for e	xpor	[
On the success				-4:11 h - ah l - 4						
				nt will be able to:	1			17.0		
				ent and customs p				K2		
				and payment metho				K3		
		<u> </u>		be prepared for exp	port			K3		
		s import pr		The sale				K2		
			-	payment methods				K3	j	
K1 - Remember	r; K2 - Unc	de <mark>rstand; K</mark>	3 - Apply; K	4 - Analyze; K5 -	Evaluate	; K 6	– Cre	eate		
Unit:1		Ex	port Firm R	legistr <mark>ati</mark> on				12 h	ours	
Firm establish	ment: intro	oduction –	export pro	motion councils	and thei	r rol	е –	registr	ation	
formalities – 1	Registrat <mark>io</mark>	<mark>on cu</mark> m me	embership c	ertificate – IE c	<mark>ode</mark> – R	BI (code	– gai	ment	
classification as	nd categ <mark>ori</mark>	<mark>ies fo</mark> r vari	ious countrie	s <mark>– qu</mark> ot <mark>a –</mark> q <mark>u</mark> ot <mark>a</mark>	<mark>ı di</mark> stribut	tion	meth	ods – d	quota	
transfer.	4	1	interest .							
Unit:2		Fo	reign Trade	Documents	-	1		12 h	ours	
Foreign trade of	locuments:	: ne <mark>ed, rati</mark>	onale and ty	pes of documents	relating	to go	ods	– invo	ice –	
packing list - o	certificate of	of <mark>origin –</mark>	certificate re	<mark>lating to shipme</mark> nt	s – matt 1	receij	ot – s	hippin	g bill	
- caret ticket -	certificate	of measur	ement – bill	of lading — air wa	ay bill –	docu	ment	s relati	ng to	
payment - lette	er of credi	it – types	of L/ <mark>C - bil</mark> l	of exchange – 1	etter of h	iypot	heca	tion –	bank	
certificate for p	ayment – d	document re	elating to insp	pection – certificat	te of inspe	ection	n - G	P and	other	
forms.			- ELLIE	1 8-W						
Unit:3		-	Import Pro	ocedure				12 h	ours	
Import procedu	ire: import	t license –	procedure 1	o apply import l	icense –	impo	ort tr	ade co	ntrol	
regulation proc	edure – sp	pecial sche	emes – reple	nishment license	- advanc	ce li	cense	- spl	it up	
license – spares	for after sa	ales service	e license – co	de number – bill o	of entry.					
Unit:4		S	Shipment and	d customs				12 h	ours	
Preshipment i	nspection	and quali	ty control -	foreign exchan	ge forma	alitie	s –	reship	ment	
documents - do	ocumentatio	on terms -	excise and c	ustoms clearance	of export	carg	go –	shipme	ent of	
goods and port	procedures	es – custom	s clearance of	of import cargo. P	ost – ship	men	t fori	nalitie	s and	
procedures – claiming duty drawback and other benefits.										
Unit:5			Payment S	System				12 h	nours	
Payment and de	eliveries: te	erms of deli	very – INCO	terms - Terms of	payment	: ope	n acc	ount –		
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 - Duty Drawbacks. **Total Lecture hours** 60 hours Text Book(s) International Trade and Export Management, Francis Cherunilam, Himalaya Publishing House, 2008 **Reference Books** 1 Streamline Your Export Paper Work, Bose. A, International Trade Form, Oct – Dec 1965. 2 Export Management, T.A.S. Balagopal Himalaya Publishing House, 2008 3 Foreign Exchange, C. Jeevanandam Sultan Chand & sons, 2006. **Related online content** www.eximguru.com/exim/guides/how-to-export/ch_17_export_documents.aspx 2 https://howtoexportimport.com/Export-procedures-and-documentation-1397. Course Designed By: Mr.K. Balamurugan

	Mapping with Programme Outcomes							
COs	PO1	PO ₂	PO3	PO4	PO5	PO6	PO7	
CO1	L	L	L	M	S	S	M	
CO2	L	L	L	M	S	S	M	
CO3	L	L	L	M	S	S	M	
CO4	L	L	L	M	S	S	M	
CO5	L	L	L	M	S	S	M	

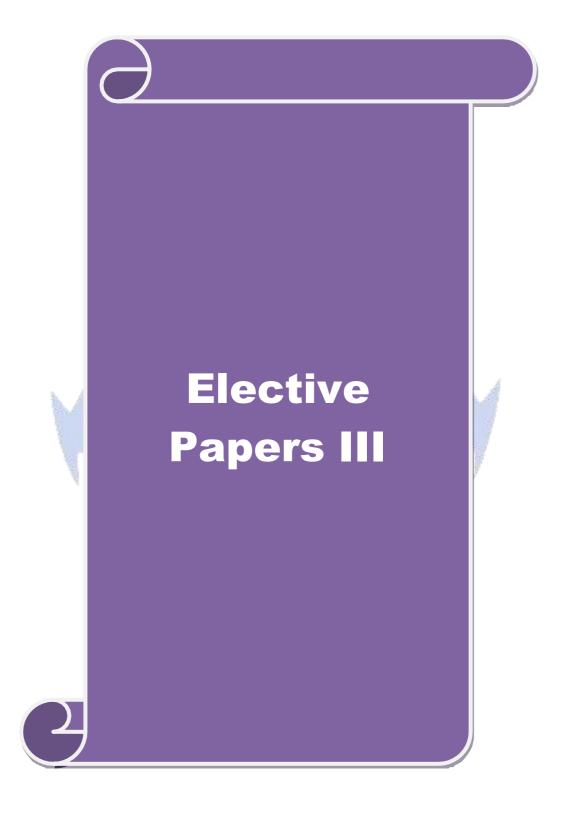
^{*}S-Strong; M-Medium; L-Low

Course Code	6EC	Industrial Psychology	L	T	P	C
Elective		Paper II - C	4 -			4
Pre-requisite	Basic knowledge in management & organization Syllabus 20: structure Version 20:					
Course Object	ives:					
The main object	tives of this	course are to:				
•	_	ut group behavior				
=	_	ut training methods				
3. Impart l	earning abo	ut the safety management practices				
Expected Cou	rse Outcom	es:				
On the successi	ful completion	on of the course, student will be able to:				
CO1 Underst	and the role	of learning in shaping behaviour			I	K2
CO2 Learn a	bout the role	e of leadership in group decision			I	K3
CO3 Discove	er the impor	rtance of motivation for job enrichment			I	K3
CO4 Gain kr	owledge of	about importance of training and development			I	K3
CO5 Learn a	bout import	ance of safety management			I	K2
K1 - Remembe	r; K2 - Und	e <mark>rstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;</mark>	K6 – C	reate		
Unit:1		Introduction to Industrial Psychology			2 ho	urs
Definition-deve	elopment-sc	ope-objectives-importance of individual behavi	our-cau	ıses-F	Role	of
	-	our-the influence of thinking and perception.	A			
Unit:2	A	Group Behaviour	44	1	2 ho	urs
Group Behavio	ur-Groups-	Contributing factors- Group Norms, Communication	on- Pro	cess-	Barr	iers
to communica	tion-Effectiv	ve communication, leadership-formal and infor	mal ch	naract	erist	ics-
Managerial gri	d-Leadershi	p styles-group Decision making- Leadership Role	in Gro	up D	ecis	ion,
Group Conflic	cts-Types-C	auses-Conflict Resolution- intergroup relations	and	con	flicts	, –
Organization c	entralization	and decentralization-formal and informal- organ	ization	al str	uctu	res-
organizational	change and	development- c <mark>hange proce</mark> ss-resistance to change-c	culture	and e	thics	;
Unit:3		Motivation		1	2 ho	urs
Motivation and	d motivators	s-The hierarchy of needs theory-the motivation-h	ygiene	appr	oach	ı to
motivation-Exp	ectancy-equ	nity-reinforcement-McClelland's needs theory of r	notivati	ion-sp	pecia	ıl
motivational te	chniques-jol	enrichment- a systems and contingency approach	to moti	vatio	1.	
Unit:4		Training and Development		1	2 ho	urs
Training & De	evelopment:	Training - Need and Importance - Steps in Tra	ining I	Progra	amm	ie –
Evaluation of	Training P	rogrammes - Concept of Management Develop	ment F	Progra	amm	e –
Techniques of	Training and	d Development – Group Discussion- Conferences	and Sea	ninar	. – C	lase
Studies - Role Playing - Business Games - Sensitivity Training - Stages of Career Development						nt.
Unit:5	Industrial Fatigue 12 ho					urs
Definition-cond	cept-Nature-	Effects-causes-Elimination- Safety management p	ractice	s- Ef	fect	of
environment-H	environment-Hazard control Technology-Working conditions-environmental conditions					
				6	0 ho	urs

Tex	Text Book(s)							
1	Industrial Psychology, P. K. Ghosh, Himalaya Publishing House, 1980							
Ref	ference Books							
1	Management, Ties, AF stoner, and R. Edward Freeman PHI Pvt ltd, New Delhi, 1992.							
2	Essentials of Management, Joseph J, Massie, PHI, Ltd, 1985.							
3	Foundations of Psychology and Introductory Text, Nicky Hayes, Routledge, UK, 1994.							
Rel	lated Websites							
1	https://lecturenotes.in/m/17168-note-of-industrial-psychology-by-shweta-sharma?reading=true							
2	https://www.youtube.com/watch?v=krGRP-Iq2SM							
Coi	Course Designed By: Dr.N. Velmathi							

	Mapping with Programme Outcomes								
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7		
CO1	L	L	L	S	S	S	M		
CO2	L	L	L	S	S	S	M		
CO3	L	L	L	S	S	S	M		
CO4	L	L	L	S	S	S	M		
CO5	L	L	L	S	S	S	M		

^{*}S-Strong; M-Medium; L-Low



Course Code	6EI	Apparel	Brand Management	L	T	P	C
Elective		Paper	Paper III - A				4
Pre-requisite	Ro	Basic knowledge in apparel business processes			bus	202	1-
1 re-requisite	Da	basic knowledge in apparel business processes				202	2

Course Objectives:

The main objectives of this course are to:

- 1. Get familiarize the students with the concepts and strategies involved in Branding for effective Brand Building.
- 2. Identify the variables that drive the success of Brands.
- 3. Develop and implement winning Brand Strategies in an array of competitive contexts.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

CO1	Understand concepts and strategies involved in Branding for effective Brand Building.	K2
CO2	Learn about the brand positioning strategies	К3
CO3	List out the various Brand appraisal methods	К3
CO4	Learn develop and implement winning Brand Strategies in an array of competitive contexts	K2
CO5	Learn about the variables that drives the success of Brands	К3

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1 Significance of Branding 12 hours

Brand – Definition, Evolution, functions, brand significance; branding – types and strategies international apparel brands - identification of perspectives and challenges to build brand- Indian garment brands and prospects of Indian brands

Unit:2	Brand	G.S.	12 hours
	Positioning	1000	

Importance of Branding Positioning – Basic branding concepts – Brand Image, Brand Identity, Brand Equity and Brand Personality - Meaning and Definition, Types, Elements; Brand Ambassadors- Celebrity Branding; Brand Loyalty; Product Vs Corporate Branding: Major Branding decisions. positioning strategies of international garment retailers

Unit:3 Brand Appraisal 12 hours

Brand appraisal – Definition and methods - exploration, market, customer, competition analysis, reasoning of brands importance and methods involved - laddering, emotional and rational, Brand mapping – circle, prism and triangle

Unit:4 Brand Repositioning 12 hours

Brand Identity and Extension: Brand identity and articulation – name, colour, design, logo and symbols, brand service advertising and cross cultural influence; brand extension – need and types; Advantages and Disadvantages; labelling and licensing of apparel products – types, license agreement, and international property rights; need for developing brand names and labels for apparel manufactured and exported from India

Uni	Unit:5 Brand Measurement 12 hou						
Bra	Brand measurement- definition, need and methods - audit, track, brand overtime - managing						
bra	nd image -	need, concepts of management, forces affecting brand and m	aintenance of brand,				
Stu	dy on brand	s and brand management of Indian Garment					
		Total Lecture hours	60 hours				
Tex	kt Book(s)						
1	Brand Ma	nagement: Texts and Cases, Niraj. Kumar, Himalaya Publishing	g House, 2015				
Ref	ference Boo	oks					
1	Brand Ma	nagement, Harsh V Verma, Excel books, 2010					
2	Brand Mar	nagement Text and Cases, Mathur U.C., Macmillan India Ltd.2	006				
Rel	ated online	content					
1	https://www.tutorialspoint.com/brand_management						
2	2 https://www.managementstudyguide.com/brand-management.htm						
Cot	Course Designed By: Mr.V. Rajendran						

Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	L	L	L	S	M	S	M
CO2	L	L	L	S	M	S	M
CO3	Ĺ	L 🥞	L	S	M	S	M
CO4	L	L	L	S	M	S	M
CO5	L	L	L	S	M	S	M

^{*}S-Strong; M-Medium; L-Low

Course Code	6EE	Lean and Six Sigma	L	T	P	C	
Elective		Paper III - B	4	-	-	4	
Pre-requisite	Basic	knowledge in Quality management concepts	Sylla Vers	1.2	2021-202	1-2022	
Course Objecti	ves:						
The main object	ives of th	is course are to:					
-	_	bout principles of six sigma and lean					
2. Impart le	earning al	oout tools and techniques of six sigma and lean					
Expected Cour	so Outoo	mag.					
		etion of the course, student will be able to:					
	*	ples of lean and Six Sigma Concepts, their simil	Inritiac	and			
difference		pies of lean and Six Sigma Concepts, then simil	iaritics	and	K	.2	
CO2 Learn ab	out the Le	ean Six Sigma Methodology			K	3	
CO3 Learn ab	out the Si	x Sigma tools & techniques			K	2	
CO4 Learn an	d apply th	ne le <mark>an tools</mark>			K	2	
CO5 Learn an	d implen	nentation of lean six sigma concept			K	2	
K1 - Remember	; K2 - Ur	nde <mark>rstand; K3 - Apply; K4 - Analyze; K5 - E</mark> va	luate; F	46 – C	reate		
Unit:1		Lean Six Sigma concept			12 h		
30.		<mark>nciples and Six Si</mark> gma Co <mark>ncept</mark> s- <mark>Si</mark> milarit <mark>ies a</mark> n	nd diff	erences	s – Syno	ergy	
Evolution of Le	an Six Si	gma	80	10			
Unit:2	A.	Lean Six Sigma Approach		j	12 h		
	Method	lology- Phases of Lean Six Sigma Method, N	Managir	1 a I a 2			
C	7 700	dologies (DMAIC, DMADV, DFSS)	Tanagn	ig Lea	.11 312 3	ıgııı	
Troject, Six sigi	na wienio	dologies (DIVITIE, DIVITID V, DI 55)	7				
Unit:3	- 9	Six Sigma Tools And Techniques			12 h	our	
Advanced Statis	stical To	ols - Statistical Process Control-Process Ca	pability	y Ana	lysis Si	gma	
		s Testing-ANOVA-Design of Experiments- cl	-		-	_	
analysis –Case s	studies						
					12 h	Allr	
		Lean Tools				lvui	
Value Stream I		– Poka Yoke-5S-Cycle Time Analysis-Push-F	-		Waste	loui	
Value Stream I Elimination- To	tal Produ	 Poka Yoke-5S-Cycle Time Analysis-Push-Factive Maintenance- Failure Mode Effect Analysis 	ysis- S	tandard	Waste	Ioui	
Elimination- To	tal Produ	– Poka Yoke-5S-Cycle Time Analysis-Push-F	ysis- S	tandard	Waste		
Value Stream A Elimination- To Practices-Contro	tal Produ	 Poka Yoke-5S-Cycle Time Analysis-Push-Factive Maintenance- Failure Mode Effect Analysis-Push-Factive Mode Effect Analysis-Push	ysis- S	tandard	Waste d Work		
Value Stream M Elimination- To Practices-Contro Unit:5	otal Produ ol Plans, S	 Poka Yoke-5S-Cycle Time Analysis-Push-Factive Maintenance- Failure Mode Effect Analysis-Push-Factive Mode Effect Analy	ysis- Studies	tandaro	Waste d Work	nour	
Value Stream MElimination- To Practices-Control Unit:5 Identifying Lea	otal Produ ol Plans, S n Six Sig	 Poka Yoke-5S-Cycle Time Analysis-Push-Factive Maintenance- Failure Mode Effect Analysis-Push-Factive Mode Effect Analy	ysis- Studies	tandaro	Waste d Work	nour	
Value Stream MElimination- To Practices-Control Unit:5 Identifying Lea	otal Produ ol Plans, S n Six Sig	 Poka Yoke-5S-Cycle Time Analysis-Push-Factive Maintenance- Failure Mode Effect Analysis-Push-Factive Mode Effect Analy	ysis- Studies	tandaro	Waste d Work	nour	
Value Stream MElimination- To Practices-Control Unit:5 Identifying Lea	otal Produ ol Plans, S n Six Sig	 Poka Yoke-5S-Cycle Time Analysis-Push-Factive Maintenance- Failure Mode Effect Analysis-Push-Factive Mode Effect Analy	ysis- Studies	tandaro	Waste d Work	on o	

Tex	Text Book(s)					
1	Learn Six Sigma, Micheal L George, McGraw-Hill 2002					
Ref	References					
1	The Six Sigma Handbook, Thomas Pyzdek & Paul Keller, McGraw-Hill, 2000					
2	Lean Thinking, James P. Womack, Daniel T. Jones, Free press business, 2003					
3	Implementing Six Sigma: Smarter Solutions Using Statistical Methods, Forrest W. Breyfogle III, John Wiley & Sons, 2003					
Rel	ated online content					
1	https://www.tutorialspoint.com/six_sigma/six_sigma_introduction.htm					
2	https://www.sixsigmaonline.org					
Cou	urse Designed By: Mrs.V.N. Narmadhadevi					

Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	L	L	L	M	S
CO2	M	S	L	L	L	M	S
CO3	M	S	L	L	L	M	S
CO4	M	S	L	L	L	M	S
CO5	M	S	L	L	L	M	S

^{*}S-Strong; M-Medium; L-Low

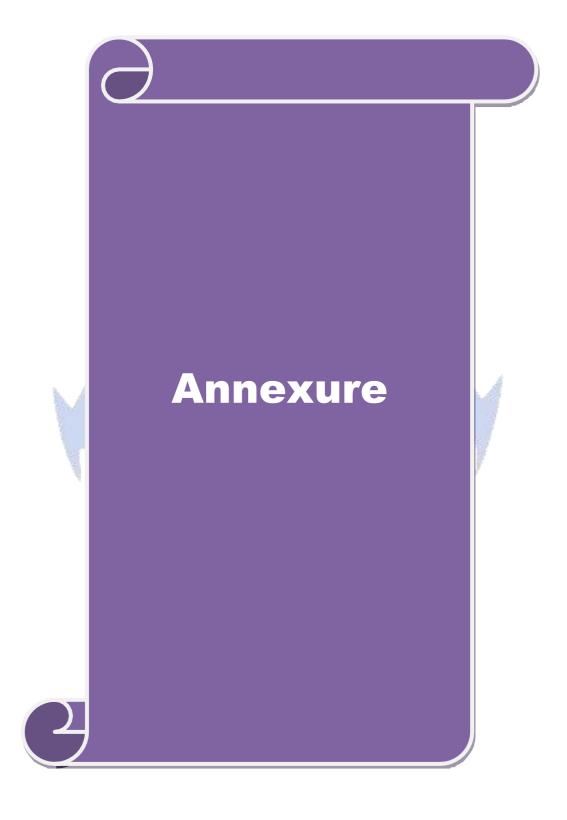
Course Code	6EF	Human Values and Professional Ethics	${f L}$	T	P	C		
Elective		Paper III - C	4	-	-	4		
Pre-requisite	Pre-requisite Basic knowledge in apparel production & management Version 2022							
Course Object	ives:							
The main object	tives of thi	s course are to:						
		out social responsibility and ethics						
		out problem solving methods						
3. Impart I	earning abo	out the characteristics of leadership						
Expected Cour	rsa Autcon	mas•						
_		tion of the course, student will be able to:						
		pts social responsibility for a business organization			I	K2		
		ıman values				K3		
CO3 Learn a	nd apply cr	reative techniques for problem solving			I	K3		
		tance of training in HRD				K3		
		us motivation theories and its significance	TT (6			K2		
K1 - Remembe	r; K2 - Uno	derstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	<u>K6 – C</u>	reate				
Unit:1		Management Principles		121	ıour	·C		
	nition Sig	nificance, Functions – Planning, Organizing, Sta	ffing I					
=	_	The state of the s	_		_			
_	4 -	of Management. Social responsibility and ethics:		_				
500	Marie Tra	Social Responsibility – Economic Objectives Vs	Social	Obje	ctive	es –		
Business Ethics	3.	(- 1					
77.0.0	A-6		7					
Unit:2	of a Tue	Problem Solving Methods	Zoimon		10ur			
•		ditio <mark>nal Engineer – Kaizen Strategy a</mark> nd Values – I						
		ess Oriented Management Vs Result Oriented M	_					
		Contemporary Indian Society, Aesthetic Values,	Morai	and .	Eunic	zai		
values, Spiritua	ar varues,	Values in the Work Place.						
Unit:3		Interpersonal Relationships		1	2 ho	urs		
Managing Emo	otions, Emo	otional Intelligence, Building Better Interpersonal	Relation	ns, M	anag	ginş		
the Boss, Deali	ing with Su	ubordinates - Case Study. Creativity: Creativity and	d Probl	em S	olvin	ıg -		
	-	ative Individuals and their Characteristics - Tech				_		
Problem Solvin			•					
Unit:4		Human Resource Management		1	2 ho	ur		
Importance, O	bjectives,	Functions, Job Analysis and Recruitment, Select	ion an	d Pla	icem	ent		
Human Resou	rce Devel	opment: Training and Learning, Determining T	raining	, Ne	eds	anc		
Priorities, Form	nal Employ	ee Training Methods, Management Development, N	Aethod:	s for				
Developing Ma	nagers, Ev	aluating Training Effectiveness – Case Study.						
TT *4 =					2:			
Unit:5	a a ma a ta a i = 1 i	Leadership	C.C. T		2 ho			
Definition, Ch		Leadership cs of Leadership, Leadership styles, Theories Leadership Continuum – Managerial Grid Theory. N		Leade	rship) -		

and Definition - Mechanism of Motivation - Maslow's Need Hierarchy Theory, Mc Gregor's

The	eory X and Y- Herzberg's Two Factor Theory.
	Total Lecture hours 60 hours
Te	xt Book(s)
1	Business Ethics New Challenges for Business Schools and Corporate Leaders
	Robert A Peterson, O. C Ferrell, Blackwell's, 2013
2	Ethics and the Conduct of Business, 7th Edition. John R. Boatright, Pearson, 2012
Re	ference Books
1	Foundations of Ethics in Management, Pani P. Banerjee, Excel Books, 2005
2	The Theory and Practice of Managerial Ethics, Sadri Jayashree; Sadri Sorab; Dhun Dastoor,
	Jaico Publishing House, 2008
3	Engineering ethics: includes human values, M. Govindarajan, S. Natarajan, V. S.
	Senthilkumar, PHI Learning, 2004
Re	elated online content
1	https://pscnotes.in/human-values-and-professional-ethics-notes
2	https://crescent.education/wp-content/uploads/2018/12/Crescent-human-values-professional-
	ethics.pdf
Co	urse Designed By: Dr.N. Velmathi

Mapping with Programme Outcomes							
COs	PO1	PO ₂	PO3	PO4	PO5	PO6	PO7
CO1	L	L	L	S	S	S	M
CO2	Ļ	L	L	S	S	S	M
CO3	L _{sor}	L	L	S	S	S	M
CO4	L	L	L	S	S	S	M
CO5	L	L	L	S	S	S	M

^{*}S-Strong; M-Medium; L-Low



B.Sc. FASHION APPAREL MANAGEMENT

Syllabus

(With effect from 2021-2022 onwards)

Program Code: 26R



Bharathiar University

(A State University, Accredited with "A"Grade by NAAC and 13th Rank among Indian Universities by MHRD-NIRF)

Coimbatore 641 046, INDIA

List of Elective papers (Colleges can choose any one of the papers as electives)					
	A	5EA	Fashion Marketing		
Elective – I	В	5EB	Industrial Engineering		
	С	5EC	Supply Chain Management		
	A	6EA	Visual Merchandising		
Elective – II	В	6EB	International Trade & Documentation		
	С	6EC	Industrial Psychology		
	A	6ED	Apparel Brand Management		
Elective - III	В	6EE	Lean and Six Sigma		
	С	6EF	Human Values and Professional Ethics		

