

STATE BOARD OF TECHNICAL EDUCATION, BIHAR
Scheme of Teaching and Examinations for
IIIRD SEMESTER DIPLOMA IN GARMENT TECHNOLOGY
(Effective from Session 2022-23 Batch)

THEORY

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME	EXAMINATION – SCHEME							Credits
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks (A)	Class Test(CT) Marks (B)	End Semester Exam. (ESE) Marks (C)	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	
1.	Introduction to Textiles Manufacture	2052301	03	03	10	20	70	100	28	40	03
2.	Fabric Selection & Identification	2052302	03	03	10	20	70	100	28	40	03
3.	Fashion Designing	2052303	03	03	10	20	70	100	28	40	03
4.	Traditional Embroidery	2052304	03	03	10	20	70	100	28	40	03
5.	Basic Pattern Making	2052305	03	03	10	20	70	100	28	40	03
Total:- 15							350	500			15

PRACTICAL

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME	EXAMINATION – SCHEME					Credits
			Periods per Week	Hours of Exam.	Practical		Total Marks (PA+ESE)	Pass Marks in the Subject	
					Internal (PA)	External (ESE)			
6.	Fabric Construction Lab	2052306	04	03	15	35	50	20	02
7.	Embroidery Practice Lab	2052307	04	03	15	35	50	20	02
8.	Pattern Making Lab-I	2052308	04	03	15	35	50	20	02
Total:- 12							150		06

TERM WORK

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME	EXAMINATION – SCHEME				Credits
			Periods per week	Marks of Internal Examiner (PA)	Marks of External Examiner (ESE)	Total Marks (PA+ESE)	Pass Marks in the Subject	
9.	Summer Internship-I (4week after IInd Sem)	2052309	4 weeks	23	52	75	30	02
10.	Python / Others (T.W)	2000310	02	07	18	25	10	01
Total:- 06						100		
Total Periods per week Each of duration One Hours = 29						Total Marks = 750		24

INTRODUCTION TO TEXTILES MANUFACTURE

Subject Code 2052301	Theory						Credits 03
	No. of Periods Per Week			Full Marks	:	100	
	L	T	P/S	ESE	:	70	
	03	—	—	TA	:	10	
	—	—	—	CT	:	20	

CONTENTS ; THEORY

	Name of the Topics	Hrs/week	Marks
Unit -1	Textile Fibres 1.1. Introduction to textile, Concept of Fibre & Filament, General requirement for Textile Fibre 1.2. Classification of textile fibres and their general & essential properties. • Natural fibres - Animal, Vegetable, Mineral, Bast Fibres • Manmade Fibres (a) Regenerated fibers. - Rayons (Viscose, Acetate, Cupramonium) (b) Synthetic fibers. - Nylon, Polyester (Terelene/Decron), Acrylic (Orlon), Polyolefins (PP,PE) 1.3. Identification of textile fibres • Visual inspection • Burning test • Microscopic identification • Chemical test (elementary) • Elementary knowledge of blends	10	
Unit -2	Yarn Construction 2.1. Classification of yarns and their types. 2.2. Elementary knowledge of different processes involved in the conversion of fibres into yarn. Purpose of blowroom, carding; drawframe, sliverlap and ribbonlap, comber, speed frame, ring frame 2.3. Characteristic features of yarn, Yarn numbering system, Yarn Twist (S or Z)	10	
Unit - 3	Woven Fabric Construction 3.1. Classification of woven fabrics 3.2. Elementary knowledge of different processes involved in the conversion of yarn into fabric. - Winding, Warping, Sizing, Drawing-In, Weaving 3.3. Basic Motions of weaving : Primary, Secondary & Auxiliary Motions 3.4. Concept of Shuttle-less Weaving : Projectile, Rapier, Airjet, Waterjet & Circular Weaving 3.5. Weaves: Types of weaves • Simple weaves - Plain weave and its derivatives. - Twill weave and its different forms. - Satin weave, Sateen • B: Special weave - Diamond, Huck-a-back, Honey comb and crepe.	10	

Unit – 4	Dyeing 4.1 Basic Concepts of Preparatory process : Desizing, Scouring, Bleaching, Mercerization 4.2 The Dye Molecule • Introduction, chromophores & Auxochromes • Configuration of the dye molecule 4.3 General Theory of Dyeing • Introduction & General Theory • Role of various chemicals & Auxiliaries • Fading or fastness properties 4.4 Classification of Dyes • Acid Dyes • Azoic dyes • Basic Dyes • Direct Dyes • Disperse Dyes • Mordant Dyes • Premetallised dyes • Reactive Dyes • Sulphur Dyes • Vat Dyes • Fluorescent Brighteners	10	
Unit – 5	Printing & Finishing 5.1. Introduction, Concept of Printing 5.2. Methods of printing : - Block printing, Screen printing, Roller printing, Rotary Screen printing, Transfer printing 5.3. Different styles of printing – Discharge Style, Direct Style, Resists Style. 5.4. Finishing of Textiles • Objective of Finishing • Classification of Finishing • Mechanical Finishing • Chemical Finishing of Textiles	10	
	Total	50	

Text/ Reference Books:-		
Name of Authors	Titles of the Book	Name of the Publisher
Gohl & Vilensky	Textiles Science	CBS Publishers & Distributors Pvt Ltd.
Pof. V. A. Shenai	Textile Fibres	Sevak Publications
P.R. Lord, M.H. Mohamed	Weaving. Conversion of Yarn to Fabric	Marrow Publishing Co Ltd
Bernard P. Corbman	Textiles: Fiber to Fabric	McGraw-Hill
R. H. Peters.	Textile Chemistry, Vol.-I, II, III,	Elsewhere Publishing Co
Miller , L.W.C.	Textile printing	Butter worths Publications
CHOUDHURY, ASIM KUMAR ROY	Principles of Textile Finishing	Woodhead Publishing

FABRIC SELECTION & IDENTIFICATION

Subject Code 2052302	Theory			No of Period in one session : 50			Credits 03
	No. of Periods Per Week			Full Marks			
	L	T	P/S	ESE	:	70	
	03	—	—	TA	:	10	
				CT	:	20	

Contents (Theory)			Hrs/week	Marks
UNIT-1	<u>Fabric Manufacturing</u>		[15]	
	01.01	Methods of manufacturing: weaving, (woven) (simple, compound, looped, tufted, gauze, leno etc.) , knitting (knitted) (weft knitted, warp knited etc.) and Non-Woven, Felting, Narrow woven Fabrics	(06)	
	01.02	Structure (weave): plain (Long cloth, Popline, Rubia, Casement, Cambric, Voile, Mulmul, Buckram etc.), Twill (Drill, Denim, Jean, Tweed, Serge, Gaberdine etc.), Satin, Crepe, Mockleno, Leno, Gauze, Bedford card, Welt, Pique, Terry, Velvet, Velveteen, Corduroy	(09)	
UNIT-2	<u>Selection of fabrics</u>		[10]	
	02.01	Suitability with respect to - figure, - fashion, - climate, - age, - sex, - profession, - Cost, - Care.	(03)	
	02.02	Quality and Construction: Coarse, Medium, Fine, Superfine, Based on EPI, PPI, Count & ply of wrap and weft yarn	(03)	
	02.03	Level of ornamentation: Dyed, Stripe, Check (Dropbox) Figured-Tapestry, Brocade, Damask (dobby and jacquard etc.) and Printed.	(04)	
UNIT-3	<u>Methods for their identification, properties and uses.</u>		[14]	
	03.01	Weight: - Light, Medium, Heavy.	(02)	
	03.02	EPI, PPI, Count & ply of wrap and weft yarn.	(02)	
	03.03	Weave and Ornamentation Identification	(05)	
	03.04	Use: Shirting, Suiting, Lining, Dress Material, Bed cover, Table cover, Curtain, Furnishing, Upholstery etc.)	(05)	
UNIT-4	<u>Quality assessment of different commercial fabrics.:</u>		[11]	
	04.01	- Fabric Defects (Inspection Table) - EPI/PPI variability - Yarn regularity - Shrinkage - Fadding of colour (if coloured) - Pattern continuity (if figured) - Design out - Weight/Colour/Width/Variation		
		Total	50	

Reference Books :-

1.	Watson's Textile Design and Colour, Woodhead Publishing	-	Z. Grosicki
2.	Fabric Structure And Design, New Age International Private Limited	-	N. Gokarneshan
3.	Weaving Calculations	-	Sen Gupta
4.	Advanced Woven Fabric Design, Woodhead Publishing	-	Hayavadana J.
5.	Fabrics A-to-Z: The Essential Guide to Choosing and Using Fabric for Sewing, Harry N. Abrams publishers	-	Dana Willard
6.	Textile fabrics and their selection, New York, Prentice-Hall, inc	-	Wingate, Isabel Barnum
7.	Fabric for Fashion: The Complete Guide, Laurence King Publishing	-	Clive Hallett, Amanda Johnston

FASHION DESIGNING

Subject Code 2052303	Theory			No of Period in one session : 50			Credits
	No. of Periods Per Week			Full Marks	:	100	3
	L	T	P/S	ESE	:	70	
	03	—	—	TA	:	10	
				CT	:	20	

Rationale: Garments are the value-added products of Textiles, which improves the economy of our country. Fashion designing is part of the subject which enhances the value of the products further. The fashion designing subject provides in depth knowledge on sketching, drawing, colouring, creation of styles, illusions and fashion industry work nature.

Objectives:

- Understand the elements and principles of fashion design
- Study the tools & equipment used in sketching.
- Learn about the colour theory & colour scheme.
- Understand the procedure for making proper color schemes.
- Know how to prepare different kinds of board preparation
- Study about various patterns and to develop designs for Various seasons
- Analyze wardrobe planning & lifestyle
- Understand the systems of fashion industry
- Learn steps involved in fashion forecasting

Contents (Theory)		Hrs/ week	Marks
UNIT-1	<u>ELEMENTS & PRINCIPLES OF DESIGN:</u> Terminology in fashion – Fashion cycle – Elements of designs – Different types of lines on dresses - Illusion created by Lines - Different types of dress Shapes - Different types of Texture on dresses - Color - Light and Shade effects on dresses. Principles of Design - Unity on dress - Proportion on dress - Balance on dress - Emphasis on dress – Rhythm on dress. Objects of Radiation and Gradation on dress. Equipments for sketching - different types of pencils, markers, brushes, papers.	[10]	
UNIT-2	<u>COLOR ASPECTS:</u> Introduction to colour theory - Pigment colour theory – Primary, Secondary, Intermediate and Tertiary colours in pigment theory – Study of 12 colour wheel. Study of Colour dimensions - Hue, Value, Intensity, and Tints & Shades - Warm and Cool colours. Study of Colour Scheme - Related colour scheme - Mono chromatic, Neutral, Analogous Contrast colour scheme - Simple contrast, Double contrast, Split, Triad - Psychology of colour on dress – color harmony - Application of colour on different seasons – Munsel theory of color.	[10]	
UNIT-3	<u>DESIGN DEVELOPMENT:</u> Design development – Motif – Definition – Types of motifs – Development of motifs – Motifs on the fabrics – Steps in design development – Sources of Inspirations – Design development through natural sources. Study of Pattern in fabrics - Naturalistic abstract - Conventional – Geometric - Animate - Abstract - floral design – Half drop design & Reverse half drop design. Study of Structural and Decorative Design - Different types of Structural design on dress - Different types of decorative design on dress - Characteristics of good decorative design.	[10]	
UNIT-4	<u>WARDROBE PLANNING:</u> Theories of clothing - Classification of clothing - Detail of wardrobe -Study of Wardrobe plan - Factors affecting wardrobe planning - Economic factors - Social factors. Factors influencing personality – Preexisting wardrobe analysis - Wardrobe plans for Teen age and middle age people - Dress for occasions - Dress for seasons. Purchase planning - Selection of materials. Formal wear, Casual wear, Leisure wear and Accessories.	[10]	
UNIT-5	<u>FASHION INDUSTRY:</u> Development of Mood board, Fabric board & Portfolio. Work of Fashion Director - Work of Fashion Designer – Well known fashion designer of India, USA, UK, and France - Fashion capitals - Fashion shows and its importance – Procedure to conduct fashion show – Importance of Fashion magazines – Importance of Fashion forecasting and steps involved in forecasting.	[10]	
Total		50	

Books Recommended:

Title	Author	Publisher
Illustrating Fashion	Kathryn McKelvey& Janine Munslow	Blackwell Publishing
Fashion Design Process, Innovation & Practice	Kathryn McKelvey& Janine Munslow	Blackwell Publishing
Art in everyday life	Goldstein and Goldstein	-do-
Elements of Design & Apparel Design	Sumathi.G.J	New Age International, Delhi
The Psychology of dress	Frank Alvah	Double day Page & Co.
The arts of costume & Personal appearance	Grace Margarit Morton	John wiley & Sons London.
How you look and dress	Byrta Carson	Mcgraw - Hill Book co.London.
Fabrics and dress	Ruth tone and Tarplay	Houghton Mifflin London
Elementary Costume design	Harison feather	John Wiley and Sons Stone Dorothy
Dress Designing	H.F.Kepworth	The English Univ. Press Ltd., London
Individuality and Cloths	Margaret story	Funle & Wsanalls Lippion cott.
Essential of Design	Degrmo Winslow	Macillion Co. New York.
Men's wardrobe	Thames and Hudson	London
Art & Fashion	Dr.Alice Mackrell	Batsford Publication

Traditional Embroidery

Subject Code 2052304	Theory			No of Period in one session : 50			Credits 3
	No. of Periods Per Week			Full Marks			
	L	T	P/S	ESE	:	100	
	03	—	—	TA	:	10	
				CT	:	20	

Rationale: Embroidery is a process of adding design and decoration to the fabric surface. It holds significant importance in fashion wears for children and women. so it cannot be ignored in Garment Technology curriculum.

Contents (Theory)			Hrs/week	Marks
UNIT-1	<u>GENERAL INTRODUCTION TO EMBROIDERY</u>		[06]	
	01.01	Introduction of the appropriate tools, machines and materials for hand and machine embroidery work.		
	01.02	Embroidery needles, threads, frames, tracing paper, Glass table, applications		
	01.03	Direct tracing, heat transfer, water soluble paper, applications		
UNIT-2	<u>STITCHES IN EMBROIDERY :</u>		[08]	
	02.01	Basic embroidery stitches -Running Stitch, Back Stitch ,stem stitch, chain stitch, Blanket stitch, Satin Stitch, over-casting, basting, Herring-bone		
	02.02	Types of stitches		
	02.03	Effectiveness and application of above stitch		
UNIT-3	<u>FANCY EMBROIDERY WORK</u>		[08]	
	03.01	Introduction., Fancy Embroidery work		
	03.02	Salient features and application of : (a) Applique work (Blind, Net, lace, figure appliques) (b) Patch work (c) Bead work (d) Ribbon work (e) Punch work (f) Black work (g) Laid work (h) Zari work (i) Shadow work (j) Quilting (k) Smocking		
UNIT-4	<u>TRADITIONAL EMBROIDERY OF EASTERN AND WESTERN INDIA:</u>		[06]	
	04.01	Introduction and history		
	04.02	Salient features, application and comparison of Embroidery from Different States: - WestBengal-Kantha embroidery - Gujrat – Katchi Bharat embroidery - Rajasthan-Rabari embroidery		
UNIT-5	<u>TRADITIONAL EMBROIDERY OF EASTERN AND WESTERN INDIA:</u>		[08]	
	05.01	Introduction and history		
	05.02	Salient features, application and comparison of Embroidery from Different States: - Kashmir- Kashida embroidery, - Punjab- Phulkari Embroidery, - Uttar Pradesh- Chikankari Embroidery - Karnataka- Kasuti Embroidery		
UNIT-6	<u>COMPUTERIZED MACHINE EMBROIDERY:</u>		[07]	
	06.01	Introduction and advantages		
	06.02	Line diagram, various parts and their function, operating procedure		
	06.03	Creative design development on computerized embroidery machine		
UNIT-7	<u>SURFACE ORNAMENTATION TECHNIQUE:</u>		[07]	
	07.01	Introduction		
	07.02	Motifs. Fabric, threads, beads, sequins, needles used for Various ornamentation techniques.		
	07.03	Material and salient features of Eyelet work, Lacework, Cut work, Patch work, Applique work, Bead and sequins work		
	<u>TOTAL</u>		50	

Books Recommended:-

		-	
1.	Embroidered textiles	Paine Shaila	Thames and Hudson Ltd. Delhi. ISBN:9780500513941
2.	Inspirational ideas for embroideries of India	Lawther Gail	Search Press Ltd.
3.	Traditional embroideries of India	Naik Shailaja D	APH publishing corporation New Delhi. ISBN:9788170247319

BASIC PATTERN MAKING

Subject Code 2052305	Theory			No of Period in one session : 48			Credits
	No. of Periods Per Week			Full Marks			3
	L	T	P/S	ESE	:	100	
	03	—	—	TA	:	70	
				CT	:	20	

Rationale: Pattern making is the heart of garment industry. The student should be able to develop pattern by following appropriate process Knowledge on human body measurement and creation of pattern for customers plays vital role in fashion industry. Skills in simple pattern making are to be developed in students through this course. Student should be able to apply the science of measuring human sizes and creating pattern from the measurement. Students should develop commercial pattern from the basic pattern.

UNIT	CONTENTS (Theory)	Hrs/Week	Marks
UNIT-1	Measurements Methods of measurements-Measuring from body, dummy and readymade garment. Measurement Types-vertical, horizontal and circumferential measurements Standard measurement charts. Measuring Tools- Measuring tape, ruler, L-scale, 1/4 th scale, flexi tape Tracing Tool- Tracing Wheel, Tailors Chalk, Carbon Paper, Tracing Paper, Marking Pen and Pencils Cutting Tools- Scissors, Pinking shear, notcher	10	
UNIT-2	Techniques of pattern making Introduction to pattern making- definitions Introduction to pattern Making Principles Basic terminologies- selvedge, grain-line, on-grain, cross-grain, bias-grain, length-grain. true-bias, bust point, Dart Symbols and landmark, terms used in pattern making Techniques in pattern making- Drafting and Draping techniques Methods of pattern making-bespoke, industrial method Types of patterns-Basic block and adaptation	10	
UNIT-3	Drafting for Kid's Wear Introduction to various garment components: Sleeve, Collar, Fly, Basic bodice for kids, Drafting of various types of sleeves-Plain Sleeve, Puff Sleeve, Bell Sleeves, Tulip. Drafting of various types of collars-, Peter-Pan Collar, SailorCollar. Drafting of A-line frock. Drafting of Waist line frock, Drafting of Boy's Shorts.	10	
UNIT-4	Drafting for Women's Wear Close fitting bodice block for women, Introduction to various garment components- Sleeves and Collars Drafting of various types of Sleeves- Plain Sleeve, Cap Sleeve Bishop Sleeve, Leg of mutton sleeve, Kimono, Dolman, Megyar sleeve, Drafting of various types of Collars – Stand Collars, Shawl Collars Drafting of Kameez, Salwar, Nighty, Drafting of Saree Blouse	10	
UNIT-5	Drafting for Men's Wear Drafting of Men's Shirt block.	10	

	Drafting of sleeves- Shirt Sleeve, Raglan Sleeves Drafting of Collars- Shirt Collar, Roll Collar. Drafting of Men's Trouser Block.		
	Total	50	70

Learning Resources: -

S. No.	Title of Book	Author	Publication
1.	Zarapkar System of Cutting	Zarapkar, K.R.	Sale Publishers, Bombay ISBN: 9788124301999
2.	Pattern Making for fashion Design	Armstrong, Helen Joseph	Harper Collins, LA ISBN: 9780136069348
4.	Metric Pattern Cutting	Aldrich, Winifred	Balckwell Science Ltd., London ISBN: 978-1-4443-0929-4
5.	Pattern Cutting Made Easy	Holman, Gillian	Balckwell Science Ltd., London ISBN: 9780713480931
6.	More Dress Pattern Designing	Bray, Natalie	Balckwell Science Ltd., London ISBN: 978-0632065028
7.	Master patterns and grading for women's outsize	Cooklin, Gerry	Balckwell Science Ltd. London ISBN: 9780632039159
8.	Master patterns and grading for men's outsize	Cooklin, Gerry	Balckwell Science Ltd. London ISBN: 9780632039158

FABRIC CONSTRUCTION LAB

Subject Code 2052306	Practical			No of Period in one session : 60			Credits 2
	No. of Periods Per Week			Full Marks			
	L	T	P/S	Internal (PA)	:	50	
	—	—	06	External (ESE)	:	35	

Contents (Practical)			Hrs/week	Marks
Unit-1	01.01	Passage of material through Blowroom machine & Production Calculation	(06)	
	01.02	Passage of material through Carding machine & Production Calculation	(03)	
	01.03	Passage of material through Comber machine & Production Calculation	(03)	
	01.04	Passage of material through Draw frame & Production Calculation	(03)	
	01.05	Passage of material through Fly frame & Production Calculation	(03)	
	01.06	Passage of material through Ring frame & Production Calculation	(06)	
	01.07	Use the wrap reel and weighing balance to determine the yarn count	(03)	
	01.08	Use fabric sample to determine warp and weft direction in given fabric sample	(03)	
	01.09	Use fabric sample to determine the end per inch and picks per inch.	(03)	
	01.10	Use winding machine to convert smaller package to bigger package	(03)	
	01.11	Use warping machine to prepare raw material for next process	(03)	
	01.12	Use warping machine to determine the creel capacity and determine beam specification	(06)	
	01.13	Passage of material through power loom & Production Calculation	(06)	
	01.14	Use multi-colored warp and weft fabric to calculate crimp percentage, warp & Weft Count, Cover factor	(03)	
	01.15	Determine warp & weft colour repeat	(03)	
	01.16	Identify the defect in the given fabric	(03)	
Total			60	

EMBROIDERY PRACTICE LAB

Subject Code 2052307	Practical			No of Period in one session : 60			Credits 2
	No. of Periods Per Week			Full Marks			
	L	T	P/S	Internal (PA)	:	50	
	—	—	06	External (ESE)	:	35	

Contents (Practical)			Hrs/week	Marks
UNIT-1	01.01	Prepare designs using different transfer technique: - Tracing paper and carbon paper, Glass table	(06)	
	01.02	Prepare samples of various hand stitches: - Running Stitches, Back Stitch, Steam Stitch, Stain Stitch	(03)	
	01.03	Prepare samples of various hand stitches: - Chain Stitch, Blanket Stitch, Herring bone, Over Casting	(03)	
	01.04	Develop design for Kantha Embroidery of West Bengal using traditional motifs, Colors and Materials	(03)	
	01.05	Develop design for Katchi Embroidery of Gujrat using traditional motifs, Colors and Materials.	(03)	
	01.06	Develop design for Rabari Embroidery of Rajasthan using traditional motifs, Colors and Material	(03)	
	01.07	Develop design for Rashida Embroidery of Kashmir using traditional motifs, Colors and Materials.	(03)	
	01.08	Develop design for Phulkari Embroidery of Punjab using traditional motifs, Colors and Materials.	(03)	
	01.09	Develop design for Chikankari Embroidery of Uttar Pradesh using traditional motifs, Colors and Materials.	(03)	
	01.10	Develop design for Kasuti Embroidery of Karnataka using traditional motifs, Colors and Materials.	(03)	
	01.11	Use computerized embroidery machines with appropriate needle, thread and fabric.	(06)	
	01.12	Create basic design elements with computerized embroidery machine software	(06)	
	01.13	Develop the design in computerized embroidery machines – alphabetical design	(06)	
	01.14	Develop the design in computerized embroidery machines -creative design.	(03)	
	01.15	Develop one embroidered sample using Bead work	(03)	
	01.16	Develop one embroidered sample using Sequins work	(03)	
Total			60	

PATTERN MAKING LAB-I

Subject Code 2052308	Term Work			No of Period in one session : 60			Credits
	No. of Periods Per Week			Full Marks			2
	L	T	P/S	Internal (PA)			
	—	—	06	External (ESE)			
					:	50	
					:	15	
					:	35	

Contents (I Practical)			Hrs/week	Marks
UNIT-1	01.01	Identification of pattern making tools & Record measurements from given body, dummy and/or garment	(03)	
	01.02	Draft Children's Basic Bodice- 7years (1/4 th Scale)	(06)	
	01.03	Draft Plain sleeve of Children's Basic Bodice-7years (1/4 th Scale)	(03)	
	01.04	Draft the pattern for A-line frock (1/4 th Scale)	(03)	
	01.05	Adaption of Puff sleeve from the basic sleeve.	(03)	
	01.06	Draft the pattern for Waist-Line Frock (1/4 th Scale)	(03)	
	01.07	Draft the pattern for Boys Shorts (1/4 th Scale)	(03)	
	01.08	Develop design for Phulkari Embroidery of Punjab using traditional motifs, Colors and Materials.	(03)	
	01.09	Draft the pattern for Female Basic Skirt.	(03)	
	01.10	Draft the pattern for Female Close Fitting Basic Bodice (1/4 th Scale)	(03)	
	01.11	Draft the basic Sleeve & Bishop Sleeve block for Close Fitting Basic Bodice (1/4 th Scale)	(03)	
	01.12	Draft the pattern for women's Nighty Block by using Bespoke method (1/4 th Scale)	(06)	
	01.13	Draft the pattern for Kameez & Salwar for Women (1/4 th Scale)	(06)	
	01.14	Draft the pattern for Women's Plain Saree Blouse (1/4 th Scale)	(03)	
	01.15	Draft the pattern for Men's basic Shirt Block (1/4 th Scale)	(06)	
	01.16	Draft the pattern for Men's basic Flat Front Trouser Block (1/4 th Scale)	(06)	
Total			60	

Summer Internship-I (4 weeks) after II Semester

(Garment Technology)

Subject Code 2052309	Theory			No of Periods in One Session: 30			Credits
	No. of Periods Per Week			Full Marks	:	75	02
	L	T	P/S	Internal (PA)	:	23	
	-	-	4 weeks	External (ESE)	:	52	

Python / Others
(Garment Technology)

Subject Code 2000310	Theory			No of Periods in One Session: 30			Credits
	No. of Periods Per Week			Full Marks	:	25	01
	L	T	P/S	Internal (PA)	:	07	
	-	-	2	External (ESE)	:	18	