ST. TERESA'S COLLEGE, ERNAKULAM (AUTONOMOUS)

Affiliated to Mahatma Gandhi University, Kottayam



CURRICULUM FOR BACHELOR'S PROGRAMME IN APPAREL AND FASHION DESIGN

Under Choice Based Credit & Semester System & Outcome Based Education

(2018 Admissions)

Curriculum and Syllabus (2018 admission onwards)

BAFD - B.Sc. APPAREL AND FASHION DESIGN PROGRAMME SPECIFIC OUTCOMES

PSO1: Develop artistic and software skills in designing and technical skills in construction and ornamentation of garments and soft furnishing.

PSO2: Interpret the concepts of art, textiles, costumes and summarise the functioning of the garment industry from design to despatch.

PSO3: Analyze critically the social and environmental issues and provide innovative solutions by product development

PSO4: Create a thematic line of garments, accessories and compile a designer portfolio by applying the concepts of fashion designing

PSO5: Develop communication and entrepreneurial skills to set up their own venture

Course Code	Course Title	Credits	Course Type
EN1A01B18	Fine-tune Your English	4	Common Course I
FD1C01B18	Fabric Science	4	Complementary Course I
FD1B01B18	Sociology of Fashion	4	Core Course
FD1BP01B18	Foundation Art	3	Core Course Practical
FD1BP02B18	Basic Sewing Techniques	3	Core Course Practical
FD1BP03B18	Surface Adornment	3	Core Course Practical

SEMESTER I

SEMESTER I

COMMON COURSE I

EN1A01B18– FINE-TUNE YOUR ENGLISH

Credits: 4

Total Lecture Hours: 90

Course Outcomes:

CO1: Recognize the basics of English grammar

CO2: Choose the appropriate word classes

CO3: Identify common errors in the use of English language in various contexts

CO4: Apply the rules of grammar to comprehend, speak, and write grammatically correct English

CO5: Compose materials for business communication

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	1	1	1	2
CO2	1	2	2	2	3
CO3	1	2	2	2	2
CO4	1	2	2	2	3
CO5	1	1	1	3	3

Syllabus Content

Module 1

(18 Hours)

The Sentence and its Structure

How to Write Effective Sentences – Phrases: What are They? – The Noun Clauses – The Adverb Clause - "If All the Trees Were Bread and Cheese" - The Relative Clause - How Clauses are Conjoined

Module 2

Word-Classes and Related Topics

Understanding the Verb - Understanding Auxiliary Verbs - Understanding Adverbs -Understanding Pronouns - The Reflexive Pronoun - The Articles I - The Articles II - The Adjective – Phrasal Verbs – Mind your Prepositions

Module 3

To Err is Human

Concord – Errors – Common and Uncommon

Spelling and Pronounciation

Pronunciation: Some Tips – More Tips on Pronunciation – An awesome Mess? – Spelling Part II Module 4 (18 Hours)

Tense and Related Topics

'Presentness' and Present Tenses - The 'Presentness' of a Past Action - Futurity in English -

Passivisation

Interrogatives and Negatives

Negatives – How to Frame Questions – What's What? – The Question Tag

Module 5

Conversational English

Some time expressions – Is John There Please?

Miscellaneous and General Topics

Reading

Letter Writing

In addition there will be an essay question on a general topic.

4

Semester I

(18 Hours)

(18 Hours)

(18 Hours)

SEMESTER I

COMPLEMENTARY COURSE I

FD1C01B18 – FABRIC SCIENCE

Credits: 4

Total Lecture Hours: 72

Course Outcomes:

CO1: Explain the classification of fibres.

CO2: Discuss the various spinning and fabrication methods.

CO3: Describe the different types of finishes applied to fibre, yarn and fabric

CO4: Discuss on types of dyes, stages and methods of dyeing.

CO5: Explain the various printing methods.

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	3	1	1	2
CO2	1	3	1	1	1
CO3	1	3	2	1	1
CO4	1	3	2	1	2
CO5	1	3	2	1	2

Mapping of Course Outcomes with Programme Specific Outcomes

Syllabus Content:

Module I

(20Hrs)

Introduction to Textiles and its relation to the field of Designing Study of Fibers

Natural fibers – cotton, flax, wool, silk

Manmade fibers - rayon, acetate, nylon, polyester, acrylic Minor fibers – natural and manmade – hemp, ramie, kenaf, kapok, jute, and glass

Module II

Yarns Spinning techniques – hand spinning, ring spinning and modern methods (Open - end spinning, friction spinning, twist less yarns, self-twist yarns, core spun yarns, tape yarns). Yarn count and Yarn twist. Yarn Classification - single, ply, doubled, cabled, novelty yarns (slub, flake, spiral, ratine, boucle, spot, chenille yarns).

Module III

Fabric Construction

Weaving – basic weaves (plain, twill, satin and their variations), fancy weaves (dobby, jacquard, leno, pile, double cloth, extra weave techniques – spot, lappet and swivel weave). Introduction to knitting –comparison of woven and knitted fabrics, stitches, knitting needles,

weft knits, warp knits.

Other methods of fabric construction - non woven, felts, laces, braids, nets

Module IV

Finishing Processes

Basic routine finishes - singeing, sizing, bleaching, scouring, tentering, mercerization, calendering, shearing, weighting.

Special finishes – For hand and appearance (schreinering, moireing, embossing, cire, napping, beetling, sueding, flocking), Functional finishes(Abrasion resistant, crease resistant, durable press, shrinkage, water repellant, flame resistance, Antimicrobial, Antirot, Soil release)

Module V

Dyeing and Printing –An Introduction

Classification of dyes – Natural, synthetic (acid, basic, direct, sulphur, vat, naphthol, disperse,

reactive Stages of dyeing – fiber, yarn, fabric, product

Methods of dyeing – batch, reel, jig, package, pad

Classification of printing – direct, resist, discharge, jet, heat transfer

Curriculum and Syllabus (2018 admission onwards)

Semester I

(10Hrs)

(12Hrs)

(18Hrs)

(12Hrs)

7

SEMESTER I

CORE COURSE

FD1B01B18- SOCIOLOGY OF FASHION

Credits: 4

Total Lecture Hours: 72

Course Outcomes:

CO1: Explain about fashion and social visibility.

CO2: Describe the sociological aspects of clothing.

CO3: Discuss the influence of society on clothing choices.

CO4: Analyze the upcoming trends in fashion market.

CO5: Explain market research and its objectives.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
C01	1	1	2	1	2
CO2	1	1	2	1	2
CO3	1	1	3	1	2
CO4	1	1	3	2	3
CO5	1	1	3	2	3

Syllabus Content:

Module –I

Fashion and Social Visibility:

Theoretical Perspectives- Thurston Veblen's theory of Leisure Class (Conspicuous

consumption), George Simmel's Trickle-down theory.

Evolution of Fashion- Costumes from medieval to modern period, sources of fashion, factors favoring/ retarding fashion cycle the role of fashion in garment industry.

(25 Hrs)

Module-II

Sociological aspects of clothing:

Clothing and wearer- Personality factors and choice of clothing- Clothing awareness,

Occupation, Status and Clothing, fashion as a mechanism of innovation and conservation

Module- III

Sociology and clothing choices:

Fashion as the mirror of Society, Anti-Fashion, Fashion Semiotics, Globalization, consumerism and fashion

Module- IV

Understanding the Trends: Market survey – developing a consumer profile.

Module- V

Market Research: Definition and Objectives- Developing the research design, Data collection, analysis of data, presenting the findings

(15 Hrs)

(14 Hrs)

(8 Hrs)

(10 Hrs)

SEMESTER I

CORE COURSE

FD1BP01B18- FOUNDATION ART

Credits: 3

Total Lecture Hours: 72

Course Outcomes:

CO1: Practise the basic techniques of sketching.

CO2: Sketch the different perspectives of an object.

CO3: Illustrate basic fashion figures of 8 head and 10 head.

CO4: Apply various colour mediums and colour combinations on to a design motif.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	1	2	2
CO2	3	2	2	2	2
CO3	3	2	2	3	2
CO4	3	2	2	2	2

Syllabus Content:

Module I

Basic line drawing: - Vertical lines, horizontal lines, diagonal lines, Concentric circles, Ovals and Waves

Module II

Shading techniques and perspective drawing

Object Drawing: - Two and 3 dimensional forms of objects.

Live model drawing

Curriculum and Syllabus (2018 admission onwards)

(19 Hours)

(18 Hours)

Module III

Basic 8 head croquis. Basic 10 head croquis.

Module IV

Painting in different mediums-pen, pencil, ink, watercolor, pastels, acrylic, and oil

(25 Hours)

(10 Hours)

SEMESTER I

CORE COURSE

FD1BP02B18 - BASIC SEWING TECHNIQUES

Credits: 3

Total Lecture Hours: 72

Course Outcomes:

CO1: Describe the basic sewing machine parts.

CO2: Practice machine speed by stitching straight lines, broken lines, cornered lines, waves and concentric circles.

CO3: Construct different types of seams and seam finishes, hem finishes, tucks and pleats.

CO4: Apply the finishing techniques like placket finishing.

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
C01	2	1	1	1	2
CO2	2	1	1	1	2
CO3	3	2	2	3	3
CO4	3	2	2	2	3

Mapping of Course Outcomes with Programme Specific Outcomes

Syllabus Content:

Module-I

(6 Hrs)

Introduction to Industrial Sewing Machine- Machine parts, Terminology, Safety Rules, care and maintenance Over lock machine and its application Basic Hand Stiches: (10"x10") Temporaryeven, uneven, diagonal basting

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Permanent Stitches- Hemming, Slip stitch, blanket, fagotting

Module-II

Stitching practice on Muslin- Straight lines, Broken Lines, Cornered Lines, Waves, Concentric circles (10"x10")

Module-III

Seams: Super Imposed, Lapped, Bound, Self enclosed French, Mock French, Flat felled, selfbound, Decorative seam

Seam Finishes: Pinked, hand overcast, over locked, Bias bound, edge stitch (10"x10")

Module-IV

Hem Finishes: Hand Hemming- Visible, Invisible Decorative Hem- Piping, facing, ruffles Fullness: Tucks- Blind, Spaced, Pin Pleats- Knife, Box, Inverted, Pleat with Separate underlay Gathering, Ruffles, Godets (10"x10")

Curriculum and Syllabus (2018 admission onwards)

Module- V

Plackets- Continuous placket, tailored placket, inseam seam, Bound placket, Faced Placket (10"x10")

(10 Hrs)

(10 Hrs)

Semester I

(20 Hrs)

(26 Hrs)

SEMESTER I

CORE COURSE

FD1BP03B18- SURFACE ADORNMENT

Credits: 3

Total Lecture Hours: 72

Course Outcomes:

CO1: Apply the basic stitches on to a fabric or product.

CO2: Apply the traditional embroideries like kantha, kutch, chikankari, kasuti, chamba on to a fabric or product.

CO3: Apply the various ornamentation techniques like tie and dye, block printing, stencil painting, fabric painting, smocking on to a fabric or product.

CO4: Create a design on an article by applying suitable surface ornamentation techniques.

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	2	3
CO2	3	2	2	2	3
CO3	3	2	3	2	3
CO4	3	2	2	3	3

Mapping of Course Outcomes with Programme Specific Outcomes

Syllabus Content:

Module I

(20Hrs)

Hand Stitches :- Running stitch, Back stitch, Stem stitch, Chain stitch, Lazy daisy stitch, Buttonhole stitch, Feather stitch, Herringbone stitch, Bullion knot stitch, French knot stitch, Satin stitch, Cross stitch, Chevron stitch. (Sample size 8"x 8")

Module II

Traditional Indian Embroidery :- Kantha of West Bengal, Kutch and Mirror work of Gujarat, Chikankari of Uttar Pradesh, Kasuti of Karnataka, Chamba of Himachal Pradesh. (Sample size 8"x 8")

Module III

Other techniques of Fabric Ornamentation: - Tie and dye (Sun ray, leheria, bandhini, shibori and marble effect), Block printing (Wood and Vegetable blocks), Fabric painting(Techniques like Filling, Shading, dry brush, Stencilling, Spraying, Sponging). (Sample size 8"x 8")

Module IV

Smocking- Honeycomb, Gathered with embroidery

Module V

Fabric painting- Filling, Shading, Dry Brush, stenciling, Spraying, Sponging

(20Hrs)

(6 Hrs)

(6 Hrs)

(20Hrs)

SEMESTER II

Course Code	Course Title	Credits	Course Type
EN2A03B18	Issues that Matter	4	Common Course I
FD2C02B18	Fashion Marketing and Merchandising	4	Complementary Course II
FD2BP04B18	Fashion Interpretation and Illustration	3	Core Course-Practical
FD2BP05B18	Flat Pattern Making	3	Core Course -Practical
FD2BP06B18	Sewing of Design Details	3	Core Course-Practical
FD2B02B18	Fashion Designing Concepts	4	Core Course

SEMESTER II

COMMON COURSE I

EN2A03B18 - ISSUES THAT MATTER

Credits: 4

Total Lecture Hours: 90

Course Outcomes:

CO1. Identify the major issues of contemporary significance.

CO2. Discuss the consequences of war and refugee crisis with respect to the psychological dimension.

CO3. Employ theoretical learning in classrooms to current developments in the world.

CO4. Critique the diverse experiences both historical and contemporary to create a more informed vision of the future.

CO5. Develop oneself as a conscious, concerned, conscientious human being.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	1	2	1	3
CO2	1	2	1	1	1
CO3	1	1	1	2	3
CO4	1	2	1	2	1
CO5	1	1	3	2	3

Syllabus Content

Module 1

(18 hours)

"The Unsurrendered People" - Kenzaburo Oe

"The Old Prison" - Judith Wright

"War" – Luigi Pirandello

Curriculum and Syllabus (2018 admission onwards)

Module 2	(18 hours)
Persuasions on the Power of the Word:	
"On Censorship" – Salman Rushdie	
"Peril" – Toni Morrison	
"The Burning of the Books" – Bertolt Brecht	
"The Censors" – Luisa Valenzuela	
Module 3	(18 hours)
"The Poisoned Bread" – Bandhu Madhav	
"A Trip Westward" – Zitkala-Sa	
"The Pot Maker" – Temsula Ao	
Module 4	(18 hours)
"Does it Matter?" – Richard Leakey	
"On Killing a Tree" – Gieve Patel	
"Hagar: A Story of a Woman and Water" (Gift in Green (chapter 2)) – Sarah Jose	eph
Module 5	(18 hours)
"Understanding Refugeeism: An Introduction to Tibetan Refugees in India" – Ma	allica Mishra
"Refugee Blues" – W.H Auden	

"The Child Goes to the Camp" (from Palestine's Children) - Ghassan Kanafani

SEMESTER – II

COMPLEMENTARY COURSE II

FD2C02B18- FASHION MARKETING AND MERCHANDISING

Credits – 4

Total Lecture Hours – 72 hours

Course Outcomes:

CO1: Explain fashion marketing mix and fashion market research methods.

CO2: Describe consumer buying behaviour and customer segmentation groups.

CO3: Distinguish the different branding techniques, store categories and showrooms and the various fashion promotional methods.

CO4: Analyse the functions of departments in a garment industry.

CO5: Differentiate the role of a fashion buyer and a merchandiser.

Mapping of Course Outcomes with Programme Specific Outcome	S
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Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	3	2	2	1
CO2	1	3	2	1	1
CO3	1	3	2	2	2
CO4	1	3	2	1	1
CO5	1	3	2	1	2

Syllabus Content

Module I

(16 hrs)

Marketing – Introduction to Marketing, Definition, Fashion Marketing Concepts, Marketing Mix

- Product, Price, Place, and Promotion

Marketing research and planning – Qualitative, Quantitative, Primary research,

Secondary research, Marketing research methods, SWOT analysis

Curriculum and Syllabus (2018 admission onwards)

Module II

Customer Segmentation – Demographic segmentation, Psychographic segmentation, Consumer buying behavior

Module III

Brand and Fashion retailing – Brand definition, Brand Name, Brand Licensing, Trade Mark, Brand Canvas, Types of brand, and Brand licence, Store categories and Showrooms (retailing & non store retailing).

Module IV

Fashion Promotion – Promotional Mix -Fashion Press, Types of Fashion Shows, Window display, Visual Merchandising. Fashion Advertising, Sales Promotion, and Fashion Publicity.

Module V

Fashion Merchandising – Definition of merchandising and related terminologies (CMT, converters, customer profile, GSM, lead time, mark up, mark down, range planning, QC, sub contractor, vendor), Functions of various departments, Role and duties of a merchandiser, specification sheet, execution of route card, sampling – types of samples, role of fashion buyer.

(8Hrs)

(14Hrs)

(14Hrs)

(20Hrs)

SEMESTER-II

CORE COURSE

FD2BP04B18- FASHION INTERPRETATION AND ILLUSTRATION

Credits- 3

Total Lecture Hours – 72 hours

Course Outcomes

CO1: Analyse various fashion poses, facial features, silhouettes, garments and garment details.

CO2: Illustrate various poses, facial features, silhouettes, garments and garment details.

CO3: Apply the various terminologies and garment details for communication.

CO4: Create various fashion boards for thematic collection design.

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	2	2
CO2	3	3	1	2	3
CO3	2	2	1	2	3
CO4	2	2	2	3	3

Syllabus Content

Module I

(20 Hours)

Basic ³⁄₄ pose, side pose

Fashion frontal face - eyes, ears, nose, mouth and head

Module II

Figure analysis: - Figure study- conversion of 8 head to 10 head croquis.

Module III

Silhouette drawing –Skirts – A-line, circular, gored and flared, gore with godets, puff ball, wrap over, hobble/pencil, hand kerchief, fish tail, petal, peplum, tired.

Dresses – Shift, Strapless, Tent, Blouson, Dropped waist, Empire line, Princess line, cheongsam, Shirt dress, Fish tail, Peasant, Caftan

Module IV

Introduction to garment details like necklines, sleeves, cuffs, collars, hemlines, tucks, pleats, and ruffles.

Module V

Introduction to design development- Inspiration Board, Mood board, Colour board, Swatch board

Semester II

(32 Hours)

(10 Hours)

(5 Hours)

(5 Hours)

SEMESTER-II

CORE COURSE

FD2BP06B18 – SEWING DESIGN DETAILS

Credits – 3

Total Lecture Hours – 72 hours

Course Outcomes

CO1: Construct different types of necklines.

CO2: Apply different neckline finishing techniques.

CO3: Construct and assemble various types of collars.

CO4: Construct different types of patch pockets and inseam pockets.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	1	2
CO2	3	3	1	2	2
CO3	3	3	1	2	2
CO4	3	3	2	2	2

Syllabus Content:-

Module I

(22Hrs)

Necklines- U neck, V neck, Square, Sweet heart, Scoop, Boat with Key Hole, Glass, Asymmetrical

(Neckline samples size should be of 10" x 10") [Neck width and depth for 'U Neck,

'V'neck and Square, Asymmetrical neck is 3"width and 6"depth. For sweet heart neck and Scoop neck is 2 ¹/₂ "width and 6" depth.

For bateau neck 4 ¹/₂ width and 2 "depth and a key hole]

Module II	(10 Hrs)
Neckline finishes – Shaped Facing, Piping, Bias Binding-sing	gle layer, double layer, Banded neck
line(Which should be done in basic plain jewel neck)	
[Neck width 2 $\frac{1}{2}$ "and depth 3"] (Sample's size should be of	10" x 10")
Module III	(18 Hrs)
Collars- How to assemble a collar	
Types of Collars- Flat Collar, rolled collar, Stand collar, Tie	Collar, Turtle Collar, Shirt Collar,
Peter-Pan Collar, Shawl Collar	
Module IV	(12Hrs)
Pockets:	
Patch Pocket- Unlined patch pocket with Separate Flap, Line	d Patch Pocket, Patch Pocket with

Self Flap, Patch Pocket With Pleat, Pouched Patch Pocket

Inside Pocket: Inseam Pocket, Hip Pocket, Slashed Pocket- Welt, Welt with Flap, Bound, Bound with Flap

Module II

Module V

(10Hrs)

SEMESTER-II

CORE COURSE

FD2BP05B18- FLAT PATTERN MAKING

Credits –3

Total Lecture Hours –72 hours

Course Outcomes:

CO1: Measure body dimensions for developing pattern and select the symbols and instructions

in the pattern draft.

CO2: Prepare basic pattern set.

CO3: Analyse the design details and select suitable principles and techniques in pattern making to develop variations of bodice, sleeve and skirt.

CO4: Prepare Torso foundation.

Mapping	PSO1A	PSO2U	PSO3AN	PSO4C	PSO5A
CO1E	3	1	2	2	3
CO2A	3	1	2	2	3
CO3AN	3	2	2	2	3
CO4A	1	1	2	2	3

Mapping of Course Outcomes with Programme Specific Outcomes

Syllabus Content

Module I

(25 Hrs)

Basic Principles of flat pattern making –Tools, Industrial dress form, work room. Model form and measurements –How to take body measurements –Taking measurements on dress forms Importance and types of pattern drafting –Flat pattern drafting- draping-Standard Measurement chart Drafting the basic pattern set –Basic bodice front and back, Basic skirt front and back,

Basic Sleeve, Basic Trouser (Standard size US 12 or UK 12).

Module II

Design Analysis and the three major pattern making principles

Dart Manipulation-Using Slash and Spread technique and Pivotal Transfer

technique (Single dart series –Mid shoulder dart, Center front dart, French dart, mid armhole dart and bust dart.

Double dart series: Slash and Spread Method- Waist & Side Dart, Mid Shoulder&

Waist Dart, Mid Armhole& Waist Dart ,Pivotal Method- Shoulder Tip& Waist, Center Front & Waist Dart

Module III

Sleeve variations: Cap Sleeve (Straight hem and Curved hem), Puff at Cap, Puff at

hem, Puff at hem and cap, Leg O Mutton, Bell Sleeve and Petal Sleeve.

Collar variations: Mandarin collar, Peter pan and Shirt collar.

Module IV

Designing with darts: Dart Clusters (Shoulder or waist or bust c

luster), Graduated darts. Added Fullness: - Fullness at dart legs of bodice (fullness to dart leg or gathers on style dart)

Skirt variations: - A line flared skirt, Godet skirt (4 godets or 6 godets), Gore skirt (8 or 12 gore) Circular skirt (full circular skirt)

Module V

Basic Torso foundation development

Semester II

(20Hrs)

(12Hrs)

(10Hrs)

(5Hrs)

SEMESTER II

CORE COURSE

FD2B02B18- FASHION DESIGNING CONCEPTS

Credits - 4

Total Lecture Hours – 72 hours

Course Outcomes:

CO1: Differentiate the types of designs.

CO2: Explain the elements of designs.

CO3: Illustrate a colour wheel and various colour schemes.

CO4: Describe the application of colour in clothing.

CO5: Explain the principles of design.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	1	2	1
CO2	3	3	1	2	1
CO3	3	3	1	2	1
CO4	3	3	1	2	1
CO5	3	1	1	2	1

Syllabus Content

Module I

Types of Design - Structural and Decorative

Module II

The elements of design: -

Line - Vertical, Horizontal, Diagonal, Modular grid, Curvilinear and Kinetic. Form, Shape and

(20Hrs)

(4Hrs)

Space - Form, Shape, Space (positive and negative), Shape within shape Texture and light -
Actual texture, Simulated texture, Abstract texture
Structural element of fabric – fibre, yarn, construction, and finish
Light - Light and Surface, Light Categories-Reflected light, represented light, emitted light,
project light.
Module III (18Hrs)
Colour theory: -
Primary, secondary, tertiary, and colour wheel- Prang colour system
Tints and Shades of colour
Colour Schemes - Analogous, Complementary, Split complementary, Triad schemes. Warm and
Cool colours
Colour dimensions - Hue, value and chroma.
Module IV (8 Hrs)
Application of colour in clothing
Seasonal colours
Module V (22Hrs)
Designing principles: -
Balance – horizontal, vertical, symmetry and asymmetry and radial balance.
Emphasis - Isolation, contrast, placement, repetition and radiation.
Proportion
Rhythm - Repetition, progression, alternation, grid, broken rhythm, transition. Unity

SEMESTER III

Course Code	Course Title	Credits	Course Type
FD3CP01B18	Textile Design	3	Complementary Course I
FD3C01B18	Apparel Production and Quality Control	4	Complementary Course I
FD3C02B18	Fashion Theory	4	Complementary Course II
FD3BP07B18	Fashion Illustration and Stylization	3	Core Course
FD3BP08B18	FD3BP08B18 Advanced Sewing Designs		Core Course
FD3B03B18	FD3B03B18 History of Art		Core Course

SEMESTER – III

COMPLEMENTARY COURSE-I

FD3CP01B18- TEXTILE DESIGN

Credits – 3

Total Lecture Hours – 72 hours

Course Outcome

CO1: Identify the various motifs, layouts and styles used in textile designing.

CO2: Practice various types of layouts for textile designing.

CO3: Practice different techniques of repeats by applying colour theory and colour harmonies.

CO4: Develop theme-based textile prints by exploring various concepts.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
C01	2	1	1	2	1
CO2	3	2	1	2	1
CO3	3	2	2	2	1
CO4	3	2	2	2	1

Syllabus Content: -

Module I

(4 Hrs)

(8 Hrs)

Learning motifs, layouts and styles

Module II

Types of Layouts:

Curriculum and Syllabus (2018 admission onwards)

Semester IV

Non directional, One directional, Two directional, All over packed, All over set and All over tossed.

Module III(10 Hrs)Techniques of repeats:Straight, box, half drop, five star and randomPlaids, Checks and StripesModule IIIColour chart preparationColour theory and colour harmoniesModule IVExploring designs from Nature, Geometry, Floral, Marine, Juvenile, Contemporary,
Conversational and BotanicalModule V(20 Hrs)

Theme based textile designing- Kids, Women's and Men's Ethnic Print- Indian, African, Egyptian, Japanese and Provencal.

Curriculum and Syllabus (2018 admission onwards)

SEMESTER III

COMPLEMENTARY COURSE I

FD3C01B18- APPAREL PRODUCTION AND QUALITY CONTROL

Credits: 4

Total Lecture Hours: 72

Course Outcomes:

CO1: Enumerate the various aspects of a garment industry.

CO2: Describe the functions of the fabric and the cutting department.

CO3: Identify the various equipment used in the production department and describe the seam and stitch types.

CO4: Explain the importance of ironing, packing and care labelling.

CO5: Discuss on various quality parameters and types of inspection in the garment industry.

CO6: Review the importance of certification in a garment industry.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	2	2	1	2
CO2	1	3	1	1	2
CO3	1	3	1	1	2
CO4	1	3	1	1	2
CO5	1	3	2	1	2
CO6	1	3	2	1	1

Syllabus Content: -

Module I

Fabric department – fabric checking Cutting and Pattern making- Spreading, Requirement of spreading process, Methods of spreading, Nature of package, Use and importance of marker, Methods of marker planning, Cutting – Types of cutting machines, causes of defects in cutting, Bundling and Ticketing

Module II

Production – Sewing machines – Regular sewing machine, Over Lock, Inter Lock, safety stitching, blind stitching, Button Hole, Button Stitching, Rivet Snap, Bar tacking, Embroidery. Work aids – Machine bed, machine table, work chairs, bundle clamps, stackers. Attachments – Folders and guides, Seam types, stitch types, Machine needle-parts and types. Sewing threads – types and uses Finishing – care labeling, ironing and packing

Module III

Quality Control: - Terminologies, Quality Control & Quality – Assurance, Quality Department, The process of production. Apparel Testing and Quality Control: - Standards – Definition and Benefits of Standards, Various International Standards. Quality Parameters of Yarn / Fabric / Garment / Accessories, Testing – Testing laboratories, Various Tests – Yarn / Fiber, Testing Agencies

Module IV

Inspection, Types of Inspection, Acceptable Quality Level

Module V

Certification in Apparel Industry: - Social Accountability – 8000 (S.A 8000), International Standard Organization (I.S.O), World Responsible Apparel Production (WRAP), Total Quality Management (TQM)

(20Hrs)

(22 Hrs)

(15Hrs)

(10Hrs)

(5Hrs)

SEMESTER – III

COMPLEMENTARY COURSE: II

FD3C01B18- FASHION THEORY

Credits – 4 (Theory 4)

Total Lecture Hours – 72 hours

Course Outcomes:

CO1: Describe fashion terminologies and fashion lifecycle.

CO2: Discover the relationship between fashion and consumerism.

CO3: Discuss about the fashion categories and foreign fashion centres.

CO4: Identify the development process of a product and design.

CO5: Explain the nature of fashion forecasting and fashion research.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	3	1	2	2
CO2	1	1	2	1	2
CO3	1	2	1	2	2
CO4	3	3	2	2	1
CO5	1	3	2	2	2

Syllabus Content: -

Module I

Fashion terminologies – accessories, altamoda, atelier, bespoke, boutique, brand name, custom made, classic, couture, designer, draping, fad, fashion, fashion merchandising, haute couture, high fashion, knock-off, licensing, line, moda pronta, prêt-a-porter, ready-to-wear, silhouette, style, stylist, toile, trend.

Module II

Dynamics of Fashion -Nature & Environment of Fashion–Meaning and its Terms, Buying selling cycle, Test Marketing, Fashion Consumer Behaviour, Fashion Movement and Consumer Acceptance, Fashion lifecycle, Consumer Identification with lifecycle– Fashion leaders/Followers/Innovators/ Motivators / Fashion victims.

Module III

Foreign Fashion Centres: - Haute Couture, Prêt a Porter, Fashion Categories – Categories Styling / Sizes and price ranges of Men's wear, Women's wear, Kids wear.

Module IV

Product and Design Development: - Product Development, Design Development, Sample Development, Line Development.

Module V

Fashion Research and Analysis: - Fashion forecasting, Trend Prediction, Agencies, Sources of Fashion Forecasting Information.

(16 Hrs)

(15 Hrs)

(16 Hrs)

(13Hrs)

(12 Hrs)

SEMESTER III

CORE COURSE

FD3BP07B18- FASHION ILLUSTRATION AND STYLIZATION

Credits - 3

Total Lecture Hours – 72 hours

Course Outcomes:

CO1: Illustrate stylized fashion figures using different kinds of medium.

CO2: Develop stylized fashion illustration of croquis.

CO3: Practice colour rendering techniques in silhouettes.

CO4: Develop fabric textures using colour rendering and croquie stylization using various kinds of paper.

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	1	1	2	3
CO2	3	1	1	3	2
CO3	3	2	1	2	3
CO4	3	2	1	2	2

Mapping of Course Outcomes with Programme Specific Outcomes

Syllabus Content: -

Module I

(18 Hrs)

(18 Hrs)

Stylization of croqui using different kinds of media for different assignment

Module II

Stylized fashion illustration - students should create their own style of illustrating croquis

(Minimum 10 Nos.)

Curriculum and Syllabus (2018 admission onwards)

Module III	(10 Hrs)
Introducing colour rendering- Solids, Prints-Checks, Stripes, Floral, Dots	
Module IV	(10 Hrs)
Colour rendering for the fabrics- Denim, Satin, Velvet, Leather, chiffon, Lace	
Module V	(16 Hrs)

Stylization of croquis using different kinds of paper

SEMESTER-III

CORE COURSE

FD3BP08B18- ADVANCED SEWING DESIGNS

Credits- 3

Total Lecture Hours – 72 hours

Course Outcomes:

CO1: Construct different types of sleeves.

CO2: Apply various kinds of finishes on sleeves in garments.

CO3: Apply various types sleeve cuffs in garments.

CO4: Apply the different types of fasteners in garments.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	2	1
CO2	3	2	1	2	1
CO3	3	2	1	2	1
CO4	3	2	1	2	1

Syllabus Content

Module I

(30 Hrs)

Sleeves:-

Sleeveless- with facing, set-in-sleeve-half sleeve, puff sleeve, flared sleeve, full sleeve, petal sleeve, leg-o-mutton sleeve, bishop sleeve, cap sleeve

Raglon sleeve, kimono sleeve

Module II

(12 Hrs)

Sleeve Finishes:-

Curriculum and Syllabus (2018 admission onwards)

Self hem, faced hem, double binding and casing

Module III

Cuff application:-

Basic shirt cuff, French cuff and continuous cuff

Module IV

Fastners:

Hooks And Eye- Hand, Press Studs, Velcro

Positioning Buttons and button Holes- Handmade & Bound Button Hole

Module V

Zipper application: Centre standard zipper, Lapped, Concealed zipper, Fly zipper, Open ended zipper

(10 Hrs)

(10 Hrs)

(10 Hrs)

SEMESTER - III

CORE COURSE

FD3B04B18- HISTORY OF ART

Credits - 4

Total Lecture Hours – 90 hours

Course Outcomes:

CO1: Describe the history of painting.

CO2: Discover the Indian Culture through the traditional paintings of India.

CO3: Discuss about the evolution of world painting.

CO4: Interpret the art of the Middle Ages.

CO5: Describe the paintings of modern era.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	3	1	1	1
CO2	2	3	1	1	1
CO3	1	3	1	1	1
CO4	2	3	1	1	1
CO5	2	3	2	2	1

Syllabus Content: -

Module I

History of painting

Module II

Indian Painting

Curriculum and Syllabus (2018 admission onwards)

(15Hrs)

(20 Hrs)

Cave Painting of India – Ajanta, Ellora, Bagh, Sittanvasal, Bhimbetka, Rajput Painting, Mughal Painting, Pittoro Painting, Madhubani Painting, Pahari Painting, Warli painting, Pattachitra, Mysore Painting, Tanjore Painting, Kerala Murals, and Kalamkari.

Module III

World Painting Ancient World Pre historic art – Paleolithic, Egypt, Greece & Rome: 'Classical' art.

Module IV

Middle Ages, Byzantine Art & Christianity art, Islam art, Medieval European Art – Gothic, and Renaissance art

Module V

Modern Art

Neo Classicism, Romanticism, Realism, Impressionism, pointillism, Symbolism, Art Nouveau, Cubism, Futuristic, Art deco, Surrealism, Expressionism, Fauvism, Abstract art, Art Deco, Pop art, kinetic art, Op art, Graffiti, and Contemporary art

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Semester IV

(20Hrs)

(20Hrs)

(15Hrs)

SEMESTER IV

Course Code	Course Title	Credits	Course Type
FD4C01B18	Traditional Indian Textiles and History of Indian Costumes	4	Complementary Course I
FD4C02B18	FD4C02B18 Essentials of Entrepreneurship		Complementary Course II
FD4B04B18	History of Western Costume	4	Core Course
FD4BP09B18	Fashion Illustration and Rendering Techniques	3	Core Course
FD4BP10B18	Indian Clothing Construction	4	Core Course
FD4BP11B18	Fundamentals of Design Thinking	3	Core Course

SEMESTER IV

COMPLEMENTARY COURSE I

FD4C01B18- TRADITIONAL INDIAN TEXTILES AND HISTORY OF INDIAN COSTUMES

Credits: 4

Total Lecture Hours : 72

Course Outcomes:

CO1: Explain about the history of textile production and the various techniques of textile decoration.

CO2: Describe the traditional textiles of Northern and Western region of India.

CO3: Explain about the traditional textiles of the Eastern region of India.

CO4: Explain about the traditional textiles of Southern region of India.

CO5: Interpret the history of Indian Costumes and prepare a presentation to display the costumes of the various civilizations.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	3	2	2	2
CO2	1	3	2	2	2
CO3	1	3	2	2	2
CO4	1	3	2	2	2
CO5	3	3	2	2	2

Syllabus Content: -

Curriculum and Syllabus (2018 admission onwards)

TRADITIONAL INDIAN TEXTILES

Module I

History of textile production, Techniques of textile decoration - Loom weaving, Printed and painted fabrics, Embroidery

Module II

Traditional textiles of the Northern region of India

Jammu & Kashmir –Kashmir shawls

Punjab & Haryana – Phulkari and bagh

Himachal Pradesh – Chamba rumal

Uttar Pradesh - Chikankari of Lucknow and brocades of Varanasi

Traditional textiles of the Western region of India

Gujarat – professional and domestic embroideries, beadwork, block printing, screen printing, ajarakh, mata-ni-pachedi, roghan work, bandhani, mashru, patola, brocade weaving, and Surat's zari industry.

Rajasthan – bandhini, leheria, block printing, pabuji par, and ply-split camel girths.

Module III

Traditional textiles of the Eastern and Southern region of India

Eastern Region: -

Bengal and Bihar - Dacca muslins, Jamdani, Baluchar Butedar, Kantha work and sujani work.

Odisha – Ikat and pipli work,

Assam and the hill states of the North-East – Handloom weaving

Module IV

(20 Hrs)

(12Hrs)

Southern Region:-

Curriculum and Syllabus (2018 admission onwards)

(8Hrs)

(22Hrs)

Andhra Pradesh – ikats of Pochampalli, teliarumal, and kalamkari Tamil Nadu – Kanchipuram silks

Karnataka -- Kasuti embroidery, ilkal sarees, and banjara embroidery

Kerala and Goa - traditional textiles

Maharashtra - paithani saris, himru and pitambar,

Madhya Pradesh - chanderi and maheswari saris

HISTORY OF INDIAN COSTUMES

Module V (To be covered as assignments for internal assessment only) (10 Hrs)

Costumes, Head Dress & Hairstyle, Footwear and Accessories of : Indus Valley, Vedic , Mauryan & Sunga Period. Satavahana Period, Kushan Period, Gupta Period, Mughal Period, British Period, Contemporary Period (traditional Indian costumes)

SEMESTER IV

COMPLEMENTARY COURSE I

FD4C02B18- ESSENTIALS OF ENTREPRENEURSHIP

Credits : 4

Total Lecture Hours :72 hours

Course Outcomes:

CO1: Explain the concepts and characteristics of a successful Entrepreneur.

CO2: Discuss the different factors contributing to Entrepreneurship.

CO3: Evaluate the approach towards women empowerment in the society.

CO4: Describe the various Business plans and strategies in Entrepreneurship.

CO5: Classify the documents needed for exporting.

CO6: Discover the importance of E Marketing in Entrepreneurship.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	1	1	1	2
CO2	1	1	2	1	2
CO3	1	1	2	1	3
CO4	1	3	2	1	3
CO5	1	3	1	1	3
CO6	1	1	1	1	3

Syllabus Content: -

Module I

Introduction to entrepreneurship - concept, definition, functions of an entrepreneur, characteristics of a successful entrepreneur.

Module II

Factors contributing to entrepreneurship – economic factors (capital, labor, market), non-economic factors (social condition- psychological factors- cultural factors-personality factors- government action – competitive factors)

Module III

Entrepreneurship and women empowerment– concept of women entrepreneur- problems – approaches to women empowerment-indicators- global initiatives – national initiatives (welfare and support services, socio-economic programme)

Module IV

Business plan and strategies – entry strategy (opening new business, purchasing franchises, acquiring an existing business) exit strategy, franchising- types, benefits, drawbacks

Export documentation – principal documents, auxiliary documents, mode of payment, mode of transportation.

Module V

E- Entrepreneurship – selling on internet, planning an e- business, niche marketing and the internet, marketing and e-business, e-business customer service

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Semester IV

(10Hrs)

(15Hrs)

(15Hrs)

(20Hrs)

(12Hrs)

SEMESTER IV

CORE COURSE

FD4B04B18- HISTORY OF WESTERN COSTUME

Credits: 4

Total Lecture Hours : 72

Course Outcomes:

CO1: Explain about the evolution of clothing and understand the costumes of prehistoric era.

CO2: Describe the costumes of the various periods of Mesopotamian Civilization.

CO3: Express about the costumes, accessories, hairstyle and footwear of Ancient Greek, Rome and Byzantine Period.

CO4: Explain about the costumes, accessories, hairstyles of Europe through Middle Ages, Renaissance and Asiatic Empires.

CO5: Discuss about the costumes from 1900s to the present era.

Mapping of Course	e Outcomes with	Programme S	pecific Outcomes
mapping or course	coulonies with	i i i ogi amme o	pecific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	3	1	2	2
CO2	1	3	1	2	2
CO3	1	3	1	2	2
CO4	1	3	1	2	2
CO5	1	3	1	2	2

Syllabus Content: -

Module I

(7Hrs)

Beginning of costume: Body decoration, Body ornamentation

Costumes, Head Dress & Hairstyle, Footwear and Accessories of:

Curriculum and Syllabus (2018 admission onwards)

Early Costumes – Pre Historic

Module II (10 Hrs) Mesopotamian – Sumerian, Assyrian, Babylonian and Persian Ancient Egypt

Module III

Costumes, Head Dress & Hairstyle, Footwear and Accessories of: Ancient Greece Ancient Roman Byzantine

Module IV

Costumes, Head Dress & Hairstyle, Footwear and Accessories of:

Asiatic Empires – China, Japan

 $Europe \ in \ Middle \ Ages - 11^{th} \text{--} 15^{th} Century$

Renaissance

Module V

Twentieth Century (1901-1940), (1940-1960), (1960 – till present)

(20Hrs)

(20Hrs)

(15Hrs)

48

SEMESTER – IV

CORE COURSE

FD4BP09B18- FASHION ILLUSTRATION AND RENDERING TECHNIQUES

Credits: 3

Total Lecture Hours :72 Hours

Course Outcomes:

CO1: Design garments on croquis using different draping techniques.

CO2: Illustrate children's croquis of different ages in casual wear, play wear, and party wear.

CO3: Illustrate various poses of men's and women's croqui and drape the croquis in casual

wear, Formal wear and ethnic wear.

CO4: Create a concept and design a collection of garments.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	1	2	2
CO2	3	2	1	2	3
CO3	3	2	1	2	3
CO4	3	3	2	3	3

Syllabus Content: -

Module I

(17 Hrs)

(15 Hrs)

Draping of garments on croqui

Module II

Basic children's croquis- New born, 1 year, 2 years, 4 years, 6 years, 8 years, 10 years, 12 years,

Curricu	lum and	Svllabus	(2018)	admission	onwards)
			(=		

16 years Kids play wear, uniforms and Party wear Module III (15 Hrs) Basic men's croquis and their various poses Men's casual, formal and Party wear Module IV (10 Hrs) Women's wear designs- Formal, casual and Ethnic with special emphasis. Module V (15 Hrs) Conceptualize and design a thematic collection of 6 garments

SEMESTER-IV

CORE COURSE

FD4BP10B18 - INDIAN CLOTHING CONSTRUCTION

Credits- 4

Total Lecture Hours – 90 Hours

Course Outcomes:

CO1: Develop appropriate laying of paper patterns on fabric, maximum utilization of fabric,

accurate cutting and preparation for sewing.

CO2: Construct Basic Kameez.

CO3: Construct Basic Salwar and Pajama.

CO4: Construct Basic Choli.

CO5: Construct Churidar and Men's Kurta with mandarin collar.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	1	2	3
CO2	3	2	1	2	3
CO3	3	2	1	2	3
CO4	3	2	1	2	3
CO5	3	2	1	2	3

Syllabus Content:-

Module I	(3Hrs)
Introduction – Appropriate laying of paper patterns on fabric, maximum util	ization of fabric,
accurate cutting and preparation for sewing.	
Module II	(20Hrs)
Construction of basic Kameez (Straight cut or A-line)	
Module III	(25Hrs)
Construction of basic Salwar	
Construction of Pyjama	
Module IV	(12Hrs)
Construction of Basic Choli	
Module V	(30Hrs)
Construction of Men's Kurta with mandarin collar	
Construction of Churidar	

SEMESTER-IV

CORE COURSE

FD4BP11B18- FUNDAMENTALS OF DESIGN THINKING

Credits: -3

Total Lecture Hours: -72 hours

Course Outcomes:

CO1: Explain the stages of design thinking.

CO2: Choose an appropriate solution after defining the problem.

CO3: Create a prototype as a solution to the identified problem.

CO4: Analyse the suitability of the prototype by implementation according to the requirement.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	1	3	1	2
CO2	2	1	3	1	2
CO3	3	3	3	3	2
CO4	3	2	3	1	2

Syllabus Content: -

Module I

(25Hrs)

Stages of Thinking – Define, Research, Ideate, Prototype, Select, Implement,

Learn Research - Identifying Drivers, Information Gathering, Target groups,

Curriculum and Syllabus (2018 admission onwards)

Sample and Feedbacks

 Module II
 (12Hrs)

 Idea Generation- Basic Design Directions, Themes for Thinking, Inspiration & mp; Reference,

 Brainstorming, Value, Inclusion, Sketching, Presenting Ideas

 Module III
 (12Hrs)

 Refinement - Thinking in Images, signs, shapes, proportion, color Appropriations,

 Humour, Personification, Visual Metaphors, Modification, Thinking in Words, Words and

 Language, Types, Faces

 Module IV
 (10Hrs)

 Prototyping – Developing Design, Types of Prototype, Vocabulary

 Module V
 (13Hrs)

 Implementation – Format, Materials, Finishing, Media, Scale, Series / Continuity

SEMESTER V

Course Code	Course Title	Credits	Course Type
FD5B05B18	Environmental Studies and Human Rights	4	Core Course
FD5BP12B18	Western Clothing Construction	3	Core Course Practical
FD5BP13B18	Computer Aided Fashion Design	3	Core Course Practical
FD5BP14B18	Children's Clothing	3	Core Course Practical
FD5D01aB18	Elements and Principles of Design	3	
FD5D01bB18	Fundamentals of Visual Merchandising	3	Open Course
FD5D01cB18	Socio- Psycho Aspects of Clothing	3	

SEMESTER V

CORE COURSE

FD5B05B18 - ENVIRONMENTAL STUDIES & HUMAN RIGHTS

Credits- 4

Total Lecture Hours – 72 hours

Course Outcome: -

CO1: Discuss about concept, structure and function of an ecosystem and the scope and importance of various natural recourses

CO2: Explain about the various biodiversity and its conservation, social issues and the environmental pollution

CO3: Discover the environmental impact of the clothing industry and fashion

CO4: Discuss about the ethical issues and major problems in fashion industry

CO5: Discuss about the role of human rights in conservation of natural resources

Mapping Of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
C01	1	1	2	1	2
CO2	1	1	2	1	2
CO3	1	3	2	1	2
CO4	1	3	2	1	2
CO5	1	1	2	1	2

Syllabus Content

ENVIRONMENTAL STUDIES

Module I

Curriculum and Syllabus (2018 admission onwards)

Unit 1: Multidisciplinary nature of environmental studies

Definition, scope and importance. Need for public awareness

Unit 2: Natural Resources:

Renewable and non-renewable resources: Natural resources and associated problems.

- a) **Forest resources:** Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.
- b) **Water resources:** Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
- c) **Mineral resources:** Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
- d) **Food resources:** World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, Water logging, salinity, case studies.
- e) **Energy resources**: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies.
- f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of individual in conservation of natural resources. Equitable use of resources for sustainable life styles.

Unit 3: Ecosystems

Concept of an ecosystem Structure and function of an ecosystem Producers, consumers and decomposers Energy flow in the ecosystem Ecological succession Food chains, food webs and ecological pyramids Introduction, types, characteristic features, structure and function of the given ecosystem: -Forest ecosystem

Semester V

(2 hrs)

(10 hrs)

(6 **hrs**)

Module II

Unit 1: Biodiversity and its conservation	(8 hrs)
Introduction	
Biogeographically classification of India	
Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic a	nd option values.
India as a mega-diversity nation	
Hot-sports of biodiversity	
Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts	
Endangered and endemic species of India	

Unit 2: Environmental Pollution

Definition

Causes, effects and control measures of: -

- a) Air pollution
- b) Water pollution
- c) Soil pollution
- d) Marine pollution
- e) Noise pollution
- f) Thermal pollution
- g) Nuclear hazards
- h) Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- i) Role of an individual in prevention of pollution
 - Pollution case studies
 - Disaster management: floods, earthquake, cyclone and landslides.

Unit 3: Social Issues and the Environment

- \circ Urban problems related to energy
- o Water conservation, rain water harvesting, watershed management

Resettlement and rehabilitation of people: its problems and concerns, Case studies Environmental

(8 hrs)

(10 hrs)

ethics: Issues and possible solutions Climate change, global warming, acid	rain, ozone layer
depletion, nuclear accidents and holocaust, Case studies Consumerism and wast	e products
Environment Protection Act	
Air (Prevention and Control of Pollution) Act	
Water (Prevention and control of Pollution) Act	
Wildlife Protection Act	
Forest Conservation Act	
Issues involved in enforcement of environmental legislation	
Public awareness	
ENVIRONMENT AND FASHION	
<u>Module – III</u>	
Unit 1: Waste Couture	(4 hrs)
The Environmental Price of Fashion	
Environmental Impact of the clothing industry	
Unit 2: Fashion Forward	(6 hrs)
Eco-fashion	
Sustainable fashion	
Natural as well as recycled fibers in cloth industry	
Concept of traction	
<u>Module – IV</u>	
Unit 1: Ethical issues in fashion	(5 hrs)
Basic concepts	
Ethical fashion design	
Production	
Marketing	
Unit 2: Major issues	(5 hrs)
working conditions	
exploitation	
fair trade	
sustainable production	

(8 Hrs)

the environment and animal welfare

Joanne Finkelstein's Theory of 'response to Environment' - Chic Theory

HUMAN RIGHTS

<u>Module – V</u>

Unit 1- Human Rights-

An Introduction to Human Rights, Meaning, concept and development, Three Generations of Human Rights (Civil and Political Rights; Economic, Social and Cultural Rights).

Unit-2 Human Rights and United Nations

Contributions, main human rights Related organs - UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human Rights.

Human Rights in India – Fundamental rights and Indian Constitution, Rights for

children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

Unit-3 Environment and Human Rights

Right to Clean Environment and Public Safety: Issues of Industrial Pollution, Prevention, Rehabilitation and Safety Aspect of New Technologies such as Chemical and Nuclear Technologies, Issues of Waste Disposal, Protection of Environment

Conservation of natural resources and human rights: Reports, Case studies and policy formulation. Conservation issues of western ghats- mention Gadgil committee report, Kasthurirengan report. Over exploitation of ground water resources, marine fisheries, sand mining etc.

Internal: Field study

Visit to a local area to document environmental grassland/ hill /mountain

Visit a local polluted site – Urban/Rural/Industrial/Agricultural Study of common plants, insects, birds etc

Study of simple ecosystem-pond, river, hill slopes, etc

(Field work Equal to 5 lecture hours)

SEMESTER-V

CORE COURSE

FD5BP12B18 - WESTERN CLOTHING CONSTRUCTION

Credits – 3

Total Lecture Hours – 108 hours

Course Outcomes

CO1: Construct Basic Trouser

CO2: Construct skirt and bodice variation

CO3: Construct dress variations (Torso)

CO4: Construct a Shirt with shirt collar and half sleeve

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	2	3
CO2	3	2	2	2	3
CO3	3	2	2	2	3
CO4	3	2	2	2	3

Syllabus Content

Module I Construction of Basic Trouser

Module II

Construction of any one Skirt variation: - (4 or 6 Godet skirt / 8 or 12 gore skirt / Full

Circular Skirt)

Module III

Construction of any one bodice variation: - (Bodice with fullness / Halter Neck / Off - Shoulder)

(20 Hrs)

(20 Hrs)

(25 Hrs)

Module IV

(15 Hrs)

(28 Hrs)

Construction of a dress variation (Torso): - (Tent dress / Flared dress with Princess line)

Module V

Construction of Shirt with shirt collar and half sleeve

SEMESTER-V

CORE COURSE

FD5BP13B18- COMPUTER AIDED FASHION DESIGN

Credits – 3

Total Lecture Hours – 90 hours

Course Outcomes

CO1: Operate the computer and interpret various requisites of internet knowledge

CO2: Illustrate a variety of digital art works using the tools of adobe illustrator

CO3: Illustrate garments using the tools of adobe photoshop

CO4: Design a collection of garments based on a concept and develop a portfolio

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	2	3
CO2	3	3	2	2	3
CO3	3	3	2	2	3
CO4	3	3	2	2	3

Mapping of Course Outcomes with Program Specific Outcomes

Syllabus Content

Module I	(10Hrs)
MS Office and Internet knowledge	
Module II	(20Hrs)
Adobe Illustrator	
Module III	(25Hrs)

Curriculum and Syllabus (2018 admission onwards)

Curriculum and Syllabus (2018 admission onwards)

Adobe Photoshop

Module IV

Corel Draw, Creating mood board, and colour board, Spec drawing, Draping garments on croquis, Color rendering of garments, Textile designing, Accessory designing

Module V

Layout planning for portfolio

Semester V

(10Hrs)

(25Hrs)

SEMESTER - V

CORE COURSE

FD5BP14B18- CHILDREN'S CLOTHING

Credits – 3

Total Lecture Hours – 108 hours

Course Outcome:

CO1: Distinguish between sizes and measure body dimensions of children

CO2: Construct cradle frock and frock variation for kids

CO3: Construct kids' shirt, skirt variation and flared shorts

CO4: Develop a theme-based kids wear.

Mapping Of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	1	2	2	3
CO2	3	1	2	2	3
СОЗ	3	1	2	2	3
CO4	3	2	2	3	3

SYLLABUS CONTENT

Module I

(10 Hrs)

Introduction to Children's wear – Size categories –Taking body measurements – Standard chart for boys and girls

Module II

Construction of Cradle frock for the age group of 6 months to 1 year

Module III

Construction of a frock (Tent dress or a frock with a peter pan collar and a yoke) for the age group of 1 year to 5 years

Module IV

Construction of a Skirt (Straight skirt or Circular skirt or Skirt with a yoke and gathers) for the age group of 7 years to 12 years

Construction of a kid's wear based on a theme.

Module V

Construction of Shorts (Flared shorts or knickers) for the age group of 5 years to 7 years. Construction of a shirt with collar and half sleeve for boys (age group 3 years to 12 years)

(20 Hrs)

(25 Hrs)

(25 Hrs)

(28 Hrs)

66

Semester V

SEMESTER - V

OPEN COURSE 1

FD5D01aB18- ELEMENTS AND PRINCIPLES OF DESIGN

Credits – 3

Total Lecture Hours – 72 hours

Course Outcomes:

CO1: Explain the elements of designs and differentiate the types of lines.

CO2: Illustrate a colour wheel and various colour schemes.

CO3: Describe the application of colour in clothing.

CO4: Explain the principles of design.

Syllabus Content

Module I

The elements of design:- Line – Vertical, Horizontal, Diagonal, Modular grid, Curvilinear and Kinetic. Form, Shape and Space - Form, Shape, Space (positive and negative), Shape within shape Texture and light

Module II

Functions of lines Different types of lines & its characteristics. Use of line in clothing according to body shape.

Module III

Colour theory:-

Primary, secondary, tertiary colours, Colour wheel-Tints and Shades of colour

Colour Schemes - Analogous, Complementary, Split complementary, Triad schemes. Warm and Cool colours

Colour dimensions - Hue, value and chroma.

(18 Hrs)

(18 Hrs)

(16 Hrs)

Balance, Emphasis, proportion, Rhythm, Unity

Module IV	(10 Hrs)
Application of colour in clothing	
Seasonal colours	
Module V	(10 Hrs)
Designing principles:-	

SEMESTER - V

OPEN COURSE 2

FD5D01bB18- FUNDAMENTALS OF VISUAL MERCHANDISING

Credits – 3

Total Lecture Hours – 72 hours

Course Outcomes

CO1: Explain the concept of visual merchandising and the various components of store layouts

CO2: Explain signage and different types of merchandise displays

CO3: Explain lightings and different types of light sources and accessories

CO4: Explain different types of mannequins, props, and fixtures

Syllabus Content

Module I

Visual Merchandising: - Meaning, scope, Purpose

Store design layout -selling space, merchandising space, personnel space, customer space

Module II

Signage and display:-

Signage – exterior signage, window signage, interior signage.

Merchandise Presentation - self-service presentation, full service presentation

Types of display - one item display, related merchandise display, variety or assortment displays, promotional display, institutional display, seasonal display, holiday display, creative display

Display setting - realistic setting, environmental setting, semi realistic /vignette setting, fantasy setting, abstract setting

Module III

Lightings:- Primary setting, secondary setting Light source -fluorescent lighting, incandescent, fiber optic lighting, high intensity lighting,

Curriculum and Syllabus (2018 admission onwards)

(18 Hrs)

(8 Hrs)

(18 Hrs)

neon, halogen Lighting Fixtures- Recessed Lighting, Track lighting, open back spot lights, studio lights, close ups, wire forms

Lighting Accessories – Dimmers, Flashers, framing, projectors, strobes, swivel, sockets, gels Various Kinds of contrast harmony created using lights

Module IV

Mannequins and props - Realistic, Semi Realistic, Abstract, Headless Types of Alternative to Mannequins – 3 quarter forms, soft sculpted figures, articulated artistic figures, dress forms and suit forms, hanger, Props

Module V

Fixtures :- Hanging Fixtures - T Stands, Quadra racks or four ways, six ways, round racks, multi features fixtures, vitrines, and straight racks. On Hanging Fixtures – Tables, counters, Bins and shelves, Transparent display units, gondolas, modular lines. Problems faced in Visual Merchandising.

Curriculum and Syllabus (2018 admission onwards)

(12 Hrs)

(16 Hrs)

SEMESTER V

OPEN COURSE 3

FD5D01cB18- SOCIO-PSYCHO ASPECTS OF CLOTHING

Credits – 3

Total Lecture Hours – 72 hours

Course Outcomes

CO1: Explain about the purpose of clothing and the factors affecting basic clothing needs

CO2: Express about the significance of clothing

CO3: Discuss about self-concept and various aspects of it

CO4: Describe the demographic and psychographic trends

Syllabus Content

Module I	(18 Hrs)
Introduction to clothing behaviour:-	
Purpose of clothing – modesty theory, adornment theory, and protection	theory Factors
affecting basic clothing needs - comfort, social participation, com	nformity, prestige, Self-
expression, attracting the opposite sex, aesthetic expressions and values	
Module II	(8 Hrs)
Clothing - a nonverbal communication. Significance of clothing	
Module III	(18 Hrs)
Self-concept and clothing behaviour: - Definition of self-concept	

Various aspects of self-concept and clothing

Module IV (13 Hrs)

Demographic trends:-

Effect of age, sex, income, social class, economic status and ethnicity on clothing

Module V

Psychographic trends:- Effects of personality, attitude, lifestyle and peer group on clothing.

Curriculum and Syllabus (2018 admission onwards)

(15 Hrs)

SEMESTER VI

Course Code	Course Title	Credits	Course Type
FD6BP15B18	Thematic Line Development	5	Core Course Practical
FD6BP16B18	Jewellery Designing	3	Core Course Practical
FD6BP17B18	Portfolio Presentation	3	Core Course Practical
FD6BP18aB18	Thematic Furnishing		
FD6BP18bB18	Draping	3	Choice Based
FD6BP18cB18	Computer aided pattern making and grading		Course
FD6BP19B18	State Wise Assignment	1	Core Course Practical
FD6BPRB18	Project work	4	Core Course Practical

SEMESTER - VI CORE COURSE

FD6BP15B18 - THEMATIC LINE DEVELOPMENT

Credits-5

Total Lecture Hours –198 hours

Course Outcomes

CO1: Develop a thematic line by applying the theoretical and practical concepts.

CO2: Create a theme board and mood board with the selected theme.

CO3: Select fabrics and trims related to the theme.

CO4: Apply embellishment details to the fabric.

CO5: Construct the garments using the fabrics selected through construction techniques.

CO6: Assemble the thematic collection in a professional way.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	2	3
CO2	3	3	2	3	2
CO3	3	3	1	2	3
CO4	3	3	1	2	3
CO5	3	3	1	3	3
CO6	3	3	1	3	3

Syllabus Content:-

Each student will conceptualize and develop a collection of at least five garments

The students should submit a record and the garments based on the theme at the time of external evaluation

SEMESTER - VI CORE COURSE

FD6BP16B18 - JEWELLERY DESIGNING

Credits – 3

Total Lecture hours – 72 hours

Course Outcomes

CO1: Identify different types of metal and gold finishes

CO2: Explain about different types of jewelry of India

CO3 : Construct different fashion accessories

CO4: Develop a jewellery based on a theme

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	1	2	1
CO2	2	1	1	2	2
CO3	3	1	1	3	3
CO4	3	3	1	2	3

Syllabus Content

Module I

Introduction to gold and metallurgy

Module II

History of Indian jewellery – Designing of jewellery on the basis of Rajasthan, Mughal, South Indian, Tribal, Ancient, Bengali

Module III

Accessories –Hats, belts, bags, footwear and accessories (1 each)

Module IV

Design jewellery based on ancient influences

Module V

Material exploration -Develop a set of jewelry using eco-friendly material in a creative design

Curriculum and Syllabus (2018 admission onwards)

SEMESTER VI

CORE COURSE

FD6BP17B18 – PORTFOLIO PRESENTATION

Credits- 3

Total Lecture Hours – 108 hours

Course Outcomes

CO1: Select the best presentable art and project works to be included in the portfolio

CO2: Compile the art and project works in a creative manner using specified layouts

CO3: Create a portfolio based on a selected theme

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
C01	2	3	1	2	3
CO2	2	1	1	3	3
CO3	3	1	1	3	3

Mapping of Course Outcomes with Programme Specific Outcomes

Syllabus Content

The students have to document all their best presentable work done through all the semesters and those that portray the student's area of interest. The students are required to submit the portfolio as the record during the external evaluation.

SEMESTER - VI <u>CHOICE BASED CORE COURSE</u> FD6BP18aB18- THEMATIC FURNISHING

Credits – 3

Total Lecture Hours –72hours

Course Outcomes

CO1: Design furnishing products based on a theme

CO2: Prepare patterns for the products designed

CO3: Select fabrics and colours according to the theme chosen

CO4: Construct the products and present the collection

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	3	3
CO2	3	3	1	2	3
CO3	3	3	2	2	2
CO4	3	3	1	2	3

Syllabus Content

The students have to do thematic collection of furnishings wherein they have to design and construct the most appropriate furnishings based on a theme.

The students are required to present this thematic collection along with a report for the external evaluation.

SEMESTER - VI

CHOICE BASED CORE COURSE

FD6BP18bB18- DRAPING

Credits – 3

Total Lecture Hours –72 hours

Course Outcomes

CO1: Develop Basic Bodice, Bodice variations and Cowl

CO2: Develop Basic skirt and Skirt variations

CO3: Develop Basic Torso

CO4: Design a garment and construct it using the draping techniques

Mapping of Course Outcomes with Program Specific Outcomes							
Manning	PSO1	PSO2	PSO3	PSO4	PSO5		

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
C01	3	2	1	2	3
CO2	3	2	1	2	3
CO3	3	2	1	2	3
CO4	2	3	1	2	3

Syllabus Content

The course provides a detailed knowledge about draping of basics pattern and draping of garments with design details

Module I	(10Hrs)
Introduction to draping and dress forms Preparation of fabrics	
Module II	(20Hrs)
Basic Front and Back bodice	
Bodice variations - Dart manipulation (French dart, Center front dart, Straight sid	le dart, Mid
armhole dart) any two.	

Basic Front and Back Cowl

Module III	(20Hrs)
Basic Front and Back Skirt	
Skirt variations – Skirt with yoke and gathers, Pegged skirt (any one)	
Module IV	(12Hrs)
Basic Front and Back Torso.	
Module V	(10 Hrs)
Design and construct a final garment applying draping method	

SEMESTER - VI

CHOICE BASED CORE COURSE

FD6BP18cB18- COMPUTER AIDED PATTERN MAKING ANDGRADING

Credits – 3

Total Lecture Hours – 72 hours

Course Outcomes

CO1: Prepare the Basic pattern set

CO2: Prepare the Basic skirt pattern

CO3: Prepare patterns for Bib, A-line frock, T-Shirt

CO4: Prepare pattern grades for the Basic pattern set

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
C01	3	3	1	3	3
CO2	3	3	1	3	3
CO3	3	3	1	3	3
CO4	3	3	1	3	3

Syllabus Content

Module I	(10Hrs)
Introduction to Computerized Pattern Making and Grading	
Module II	(10Hrs)
The basic pattern set preparation	
Basic front bodice, Basic back bodice, Basic Sleeve	
Module III	(8 Hrs)
Basic front Skirt, Basic back skirt	
Module IV	(18Hrs)
Pattern preparation for garments – Bib, A-line frock, T-Shirt	
Module V	(26Hrs)
Pattern Grading - Basic front bodice, Basic back bodice, Basic slee	ve, Basic front skirt, Basic

back skirt.

SEMESTER - VI

CORE COURSE

FD6BP19B18 - STATE WISE ASSIGNMENT

Credits – 1

Total Lecture hours – 0

Course Outcomes:

CO1: Analyze the life-style, culture, customs, and costumes of people of a particular state of India.

CO2: Role play the traditional dances, occupations, food textiles and handicrafts.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	2	2
CO2	3	3	1	2	2

Syllabus Content

The students shall do a detailed study in groups about the lifestyle, arts and crafts, culture and costumes of the people of a particular state of India.

SEMESTER VI

CORE COURSE

FD6BPRB18 – PROJECT WORK

Credits – 4

Total Lecture hours – 0

Course Outcome

CO1: Select an indigenous artisan and do an actual study among them to understand their problems.

CO2: Examine the problems faced by the artisans and provide solution for the problems

CO3: Develop an innovative solution through product development and its marketability

CO4: Design an innovative product having utilitarian purpose.

CO5: Create the product and study its market feasibility.

Mapping of Course Outcomes with Programme Specific Outcomes

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
C01	1	1	3	1	3
CO2	1	1	2	2	3
CO3	1	1	3	2	3
CO4	1	1	3	3	3
CO5	2	2	3	2	3

The students are required to do an actual study among indigenous artisans understanding their problems and giving innovative solutions for product development and its marketability by employing the design thinking process. The students can also take up projects in association with self help groups, local artisans, NGOs and some organizations like Integrated Child Development Scheme, Govt. of India, Kudumbasree, Shrishti Welfare Centre, Munnar. They have to submit this Project work at end of the sixth semester