

**RANI BIRLA GIRLS' COLLEGE**  
**38, SHAKESPEARE SARANI**  
**KOLKATA-700017**

*Criterion: 1*

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Index Number: 1.1

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SUBTITLE: LESSON PLAN

DEPARTMENT: FASHION AND APPAREL DESIGN

YEAR: 2018-19

**LESSON PLAN OF 1<sup>ST</sup> YEAR OF B.F.A.D. DEGREE COURSE UNDER PART SYSTEM**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2018 TO SEPTEMBER 2018	1 <sup>ST</sup>	FAD 101	Grammar: noun, pronoun, adjective, verb, adverb, tense, voice, article, clause, parts of speech, preposition, punctuation, and capitalization, Transformation of Sentences.	AG	16		
			Communication skills: What is communication? Function and purpose of communication, process of communication, models of communication, noise and barriers to communication. Types of communication: oral, written, non- verbal. Brief narrating/reporting incidents/ happenings/ accident, etc.				
		FAD 102	Introduction: definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour.	SRC	2		
			Principles of Design: Concept and Concern. History of art, craft and Designs, Definition of Design. Different Forms of Design and its purposes. Rules of Design Development: Elements of Design, Design Structures and Sources of Design for Drawing of Designs. Definition of fashion and fashion cycle and fashion seasons. Designing and stylizing of garments and design of accessories: Impact of light and shadow effect in garment design, rendering of fabric design, application of stylization in garment designing	SMR	24		
		FAD 103	Fundamental concepts of fibre, Basic requirements of a polymer to be suitable for forming textile fibres, essential characteristics of a textile fibre, classification of textile fibres, essential properties (physical and chemical)- of a textile fibre-their terms and definition. Concept of fibre structure Degree of order and Crystallinity, degree of orientation, structure property relationship. Fine and Gross Fibre structure of Viscose, Cotton wool, silk, jute, acrylics, nylon, polyester and other fibres and their properties.	SM	16		

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JULY 2018 TO SEPTEMBER 2018	1 <sup>ST</sup>	FAD 104	Introduction to yarn and fabric dimension, property parameters, construction, types and specification of textile yarn and fabrics. General flow chart for yarn manufacture and fabric manufacture for understanding and acquaintance with mechanical processing of textiles. Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts.	SM	10		
		FAD 105	Brief history of Indian textiles from ancient times to the present. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance. Design status of costumes of different states of India and their specialty for men, women and children of respective states. Study of the textiles, costumes and surface ornamentation of all Indian states Woven Textiles	SMR	20		
		FAD 106	Introduction of patterns: Need of pattern making. Tools and materials used for pattern making and terminologies used in pattern making, symbols used in pattern making. Introduction to technical skills in pattern making and garment production. Figure Measurement: general principles, taking direct measurements. Fundamental pattern construction processes and applying these to produce garments	SMR	12		
		FAD 107	What is Computer? Components of Computer; Peripherals; Hardware and Software; History of Computer from 1 <sup>st</sup> Generation to Present. MS Windows: What is Windows? General features of MS Windows; GUI-Graphical User Interface; Multitasking; WYSIWYG-What You See is What You Get; Special features of MS Windows; parts of MS Windows; screen, types of windows; shutting down windows, Windows Explorer; working with folders; using recycle bin. Control Panel: Introduction to Control Panel; starting with the Control Panel; Control Panel: display, background properties, screen saver properties, appearance properties, mouse properties, button configuration, double-click speed.	PS	12		

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JULY 2018 TO SEPTEMBER 2018	1 <sup>ST</sup>	FAD 108	Basic design drawing in scale and use of Different Drawing Media: Scaled Drawing as an aid to design; Writing Alphabets and different elemental unit of design in specific dimension and shapes, concepts of proportion – balance of proportion, rhythm of proportion etc. Observation and implementation of manual on the drawings using different pencils 2B, 4B, 6B, charcoals, different types of pencil colours and water colours; usage of different pencil and water colours; making light and deep shades, use of computer for drawing of design. Basic Designing and Sketching (on paper sheet):	SRC	24		
		FAD 109	Drawing of patterns for different garment with standard measurement at proportions with desired fit and allowances. Principles of block drafting and design manipulation and accordingly pattern drawing. Standard body measurement and pattern making for basic bodice block and few simple children and adults' garments. Making Paper Pattern of the following garment components in ½ Scale and also making samples of the following garment components: - Collars: convertible, mandarin, wing, peter pan, sailor, bertha, shirt collar, notched collar, shawl collar and its variations Necklines: V-neck, square neck, sweetheart, raised necklines, scooped necklines, boat, cowl. Variations in necklines. Sleeves: puff, flared, balloon, leg-o-mutton, cap, cowl, bishop, short, lantern, circular, kimono, raglan. Variations in Sleeves. Pockets (inset pocket; patch pocket and in-seam pocket.), Waistbands & Plackets with different variations.	PS	32		
		FAD 110	Textile Testing, Fibre Testing: Staple length / fineness (denier), Crimp etc. Testing of Strength, elongation, shrinkage of fibres. Yarn Testing: count, denier, twist, crimp and crimp rigidity, elongation.	SM	30		

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SEPTEMBER 2018 TO DECEMBER 2018	1 <sup>st</sup>	FAD 101	Reading skills: What is reading? Purpose of reading, types of reading: skimming, scanning, extensive reading, intensive reading, and loud and silent reading, Listening skills: What is listening? Types of listening: casual listening, focused listening, hearing and listening. Purpose of listening: material to be recorded, acquiring information. Semantic markers, using abbreviations, taking dictations. Writing skills: What is a sentence? Subject and predicate, phrase and clause, parts of speech, types of sentence: simple, compound, complex, writing paragraphs, summary writing, linkage and cohesion, linkers in paragraphs, structure of writing, spell check and conversion of long sentences to small sentences. Correspondence: What is correspondence? Letter writing, general and official correspondence, writing resume, comprehension, précis writing, essay writing	AG	21		
		FAD 102	Design development by various ways: rotation, brick effect, mirror effect, step drop effect, half drop effect, pillar effect, batik technique, tie and dye technique, spray technique. Visual Arts: Observing and recording of information through various kinds of drawings. Design Studio and its utility in garment design:	SRC	16		
		FAD 103	Composition, Physical and Chemical structure, Chemistry, Properties and Uses of Natural Fibres <ul style="list-style-type: none"> <li>• Cotton: a natural cellulose fibre.</li> <li>• Jute, Flax, Ramie: natural lignocellulosicfibres</li> <li>• Wool and Hairs: natural protein fibres</li> <li>• Silk: natural protein fibre</li> </ul> Minor Natural Fibres: vegetable (Banana, Sisal, Coir, Pineapple, Bamboo)	SM	16		

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SEPTEMBER 2018 TO DECEMBER 2018	1 <sup>ST</sup>	FAD 104	Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts. Objectives of blow room, carding, drawing and spinning, yarn twisting. Flow chart for production of various yarns in different spinning systems, yarn twist, twist factor and yarn properties. Influences of process parameters on yarn properties. Different types of fancy yarns production, textured yarns and flat filament yarns and their properties. Sewing threads: types, requirements and properties.	SM	22		
		FAD 105	Embroideries, Dyed, Painted and Printed Traditional Textiles of India: Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era influenced by theatres, films, entertainment business, magazines, TV and cultural heritage.	SMR	22		
		FAD 106	Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts. Basic ideas on proportions, balance and fit for drawing and preparing pattern Principles of pattern drafting through block construction and dart manipulations for different men, women and children wear. Necklines and Plackets: terminology, classification and different types of necklines and plackets. Variations in necklines and plackets. Collars and Facings: terminology, classification, various types of collars such as convertible, mandarin, wing, role, peter pan, sailor, shawl, notch, bishop, Chinese, ruffle mandarin, shirt. Variations in collars and facings. Sleeves, pockets	SMR	18		

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SEPTEMBER 2018 TO DECEMBER 2018	1 <sup>ST</sup>	FAD 107	Introduction to MS Word: starting with Word; parts of MS Word screen; starting a new document; navigating the document; file handling; editing the text; formatting the text. Making familiarize with Computer. Components of Computer, Hardware and Software; Starting and Shutting down of Computer; Familiarization with PC, including Micro Computer and its accessories for effective use. Introduction to different operation systems Mail Merge, Views, Printing and Creating Styles: Mail Merge; Views; Ruler; Zooming; Summary information; Print setup and Print	PS	18		
		FAD 108	Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles Placement and Repeats of design blocks in different ways and means on paper sheet Placement and Repeats of design blocks in different ways and means on paper sheet	SRC	26		
		FAD 109	Practical working in sewing machine, Understanding different parts of sewing machine and their functions. Practical Work on Disposal of Fullness on garment pieces:	PS	16		
		FAD 110	Fabric Design Analysis and weaving designs: Practical understanding of creating fabric designs on looms Design Analysis for of the weave and construction of different textile fabrics. Weaving plain (with colour interaction), twill (with colour interaction) and checks and stripes fabric, samples on hobby looms	SM	20		

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JANUARY 2019 TO MARCH 2019	1 <sup>ST</sup>	FAD 101	Dialogue writing, writing of job application, notices, advertisements for classified columns.Preparation of bibliography: What is bibliography? Types of bibliography, rules for bibliographic page, footnotes and endnotes; reporting	AG	18		
		FAD 102	Introduction to Fashion: Definition of fashion and fashion illustration and various mediums used in fashion illustration life cycle, consumer and fashion relationship. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 headsFlat drawings: different types of flat drawing and their usages. Model draping: definition and usages. Figure analysis, proportion and disproportion of human figure, different types of figures for both men and women	SMR	18		
		FAD 103	INTRODUCTION TO MAN-MADE FIBRES , Manufacturing Technology for production of synthetic fibres, Manufacture, Chemistry, Properties and Uses of common manmade fibres - Study of different types of natural and synthetic fibres with special reference to their end-uses	SM	18		
		FAD 104	Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.Yarn Preparatory: Yarn preparation for weaving, quality of warp and weft yarns. Process of weaving:Weaving design: analysis of basic weaves;	SM	18		
		FAD 105	Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design.Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era History of Indian and Western costumes:	SMR	18		
		FAD 106	Introduction to sewing; Drafting of children garments; Drafting of Skirts: Fullness in garments: Standard size chart Fit analysis of garments, different types of fit, Different style lines and its application in dress making	PS	18		



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JANUARY 2019 TO MARCH 2019	1 <sup>st</sup>	FAD 107	Drawings and Pictures using different softwares: Drawing and shapes; creating shapes, lines, freeform and other drawing objects; formatting drawing objects; managing list; sorting data in a list; filtering; using data forms. Practise with Corel draw / Photoshop and paint for drawing and design	PS	18		
		FAD 108	Colour Schemes: Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design., Design Application: Design suitability for different purposes by design development including different techniques of printing (batik, tie-dye, stencil, roller, block, screen, transfer etc.) applied on fabrics	SRC	18		
		FAD 109	Practice of Finishing of raw edges and facings on garments: Doing of Placket Openings: Even hem placket, continuous wrap opening, two piece placket and kurta placket	PS	18		
		FAD 110	Designing of textile fabrics on graph papers: transfer of graph paper designing to jacquard or dobby (basic weaves). Analysis of design of variety of woven fabrics and knitted fabrics. Analysis and creating design of decorative woven fabric samples: for furnishings wall hanging, tablemats, napkins of different woven designs on a hobby loom and handlooms.	SM	18		

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APRIL 2019 TO JUNE 2019	1 <sup>ST</sup>	FAD 101	Project Report: preparation of Project Reports /thesis/research paper and its format. Motivation,Effective communication and co-ordination and development of personality. Exploration of meaning, message and information, communicated through art, craft and design work, communication through different media, tools, audiovisual and art & design	AG	17		
		FAD 102	Study of types and techniques of fashion illustration and study of human anatomy. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend. Rendering of fabrics and its different techniques-communication of fashion through silhouettes, colour and style lines	SMR	18		
		FAD 103	TEXTILE TESTING (FIBRE TESTING) Moisture Relations and Testing, Fibre Testing:Fibre Identification;	SM	20		
		FAD 104	Yarn & Fabric Testing	SM	10		
		FAD 105	Historical costumes of India (state-wise):Investigation of historical, contextual and contemporary practices in the fashion industry;History of Fashion: elements of fashion;	SMR	17		
		FAD 106	Flow chart showing the stages of production process Development of size charts and its application in garment making, Different types of sewing machine needles Different types of sewing threads used in garment construction Effect of style lines on appearance. Introduction to the construction and functions of common seam types.	PS	18		
		FAD 107	Practise developing posters, calenders, patterns of garments using various softwares Practise development of various designs suitable for surface ornamentation of textiles including, print design, batik and bandhni design, embroidery design etc.	PS	18		

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APRIL 2019 TO JUNE 2019	1 <sup>st</sup>	FAD 108	Fashion illustration of child, men, women figure with special reference to drawing of face, hand, legs, and different postures, Figure/ Design Analysis : Illustration of fashion accessories and hair styling	SMR	20		
		FAD 109	Preparation of pattern and marker plan, Creation and Practice of Surface Ornamentation through Embroidery, Studies and practice of following Traditional Embroideries of India	PS	20		
		FAD 110	Identification of stain and the techniques of stain removal, Blend analysis of various yarns	SM	15		

**LESSON PLAN OF 2<sup>ND</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2018 TO SEPTEMBER 2018	2 <sup>ND</sup>	FAD 201	What are graphics? Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images. Paint Brush: Corel Draw	PS	14		
		FAD 202	Standard body measurement and pattern making for adult garments: Study of basis of garment construction and pattern making for children, men and women's wear, Introduction to basic process sequences of garment production and each unit operation involved:	PS	20		
		FAD 203	Background of textiles and clothing industry in India and abroad: Planning and layout for garment construction and manufacture processes. . Tailorability, comfortability and hand value of textile fabrics, Sizing, Grading and Pattern making: Marker Planning, Drawing and Reproduction techniques of the marker Spreading of the fabric to form a lay:	SMR	18		
		FAD 204	Yarn Dimension and structure: Fabric Dimension and structure: Weaving Design.	SM	15		
		FAD 205	<b>KNITTING</b> , Problems, prospects and growth of the Indian Knitting Industry: Basic mechanical principles (mechanisms) of knitting technology and structure property relationship of knitted fabrics.	SM	15		
		FAD 206	Introduction of the basic theory of economics, Demand and Supply: Equilibrium of the firm: Market Structure and pricing Production, Consumption and Cost: inputs and outputs,		12		
		FAD 207	Body Measurement ( <i>Correct Method of taking Different Body Measurements</i> ) with correct allowance Construction of Adult's Basic Blocks	PS	15		

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JULY 2018 TO SEPTEMBER 2018	2 <sup>ND</sup>	FAD 208	Introduction to sewing machines; safety regulations, preventive and breakdown maintenance of sewing machines and needles. Running of sewing machines. Demonstration of different types of Sewing Machines, study of its different parts and their functions, care and maintenance of sewing machines. Knowing of sewing threads.	PS	8		
		20FAD 209	Hand and Machine Embroidery Practice in general. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics.	SMR	20		
		FAD 210	Practice to get acquainted with tools of M.S. paint, paint brush; use of various colours and to edit colours. Drawing, copying, scanning and transforming images. Practice to get acquainted with interactive tools of corel draw; import and export of images; resize image. Drawing ,shaping, aligning, editing and grouping and ungrouping images.	PS	15		

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OCTOBER 2018 TO DECEMBER 2018	2 <sup>ND</sup>	FAD 201	Preparation of Motifs in lattices and placement of different repeats; Photoshop: Flash I and Flash II	PS	18		
		FAD 202	Introduction to basic process sequences of garment production and each unit operation involved Pattern making and marker planning and lay out for some women's occasional wear: lined jacket, katori choli, evening gown, choli-cut sari blouse, House coat, Reversible jacket, women's casual shirt, nightie etc.	PS	18		
		FAD 203	Cutting of the fabrics: Sewing: Different types of seams, different stitches Alternative methods of joining clothing materials- Different other operations and machines used in garment construction	SMR	18		
		FAD 204	Weave notations; plan view and sectional view of cloth; drafting, lifting and pique plan. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks, diamond and diaper, mock leno, ordinary honey comb, brighton honey comb, huck-a-back, crepe, bedford cord. Construction and design of terry pile, corduroy and velveteen, etc. Designing of dobby and jacquard weaving.	SM	20		
		FAD 205	Types of Knitting: Flat-Bed Knitting Machines: Circular Knitting Machines and its working principles.	SM	20		
		FAD 206	Production, Consumption and Cost: inputs National Income: definition & methods of its measurement, Public revenue and Taxation: Savings and Investment: International Business Economics		15		
		FAD 207	Basic Torso Sloper, Basic Sleeve Sloper, Basic Skirt Sloper, Basic Trouser Sloper	PS	15		

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OCTOBER 2018 TO DECEMBER 2018	2 <sup>ND</sup>	FAD 208	Sewing practice on clothes- Hand Stitches Seams	PS	15		
		FAD 209	Studies and practice of following Traditional Embroideries of India	SMR	15		
		FAD 210	Practice to get acquainted with tools of Flash for graphics design and animation; editing graphics and animation; adding movies and sound with text; creating pattern layers.Practice to get acquainted with Abode Photoshop; manipulating colour table; CMYK colour conversion; adjusting hue saturation. Photoshop: Introduction to Photoshop and editing of raster images; Using of toolbox and layers; Understanding image parameters, such as image size, resolution, colour modes, Design editing and manipulation using Adobe Photoshop, Colour correction and rendering 2D images.	PS	15		

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JANUARY 2019 TO MARCH 2019	2 <sup>ND</sup>	FAD 201	Overlays and layers; purpose of overlays and creating of overlays; layers in a scene; inserting layers and stacking order; creating and modifying text.Fundamentals of CAD Software and its use:	PS	15		
		FAD 202	Development of slopers Flat drafting, Adaptation, layout, cutting, sewing	PS	18		
		FAD 203	Flow chart for production of different simple garments from raw material to finishing stage, plant and machinery layout of a garment factory Sampling Department:	SMR	15		
		FAD 204	Design analysis of fabric samples of different types and designs. Construction / specification of common commercial fabrics	SM	15		
		FAD 205	Circular Knitting Machines and its working principles Non-wovens:	SM	15		
		FAD 206	Marketing Management: Textile Merchandising:Costing and Pricing – Quality control in textile merchandising quality assurance and customers satisfaction Reinforcement of pricing policies and sales promotion techniques.	SMR	15		
		FAD 207	Dart Manipulation: shifting of darts, combining darts, dividing darts, concealing darts in yokes and seams lines, converting darts to gathers	PS	10		
				FAD 208	Preparation of pattern,. marker planning; cutting and bundling of different parts of various garments for manufacture of few adults garments as per design and pattern made.	PS	15



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JANUARY 2019 TO MARCH 2019	2 <sup>ND</sup>	FAD 209	<p>Studies and practice of following Traditional Embroideries of India</p> <ol style="list-style-type: none"> <li>Kantha of Bengal</li> <li>Chikankari of Uttar Pradesh</li> <li>Kathiawari of Gujarat</li> <li>Zardozi of Uttar Pradesh</li> <li>Pipli of Orissa</li> <li>Kashida of Kashmir</li> <li>Manipuri of Manipur</li> <li>Chamba of Himachal Pradesh</li> <li>Phulkari of Punjab</li> <li>Kasuti of Karnataka</li> </ol> <p>Study and practice of popular Embroideries of the countries other than India.</p>	SMR	20		
		FAD 210	<p>Theme based assignment on designing using Coreldraw , Adobe Photoshop and Flash-I and II softwares.Introduction to Auto CAD; drawing of simple objects in scale using Auto CAD; design of components and assembling layout of a factory shed; design and drawing of three dimensional objects; use of different Auto CAD tools.</p>	PS	15		

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APRIL 2019 TO JUNE 2019	2 <sup>ND</sup>	FAD 201	Introduction to CAD Software for designing and drawing of any object with specific shape and dimension. CAD – tools and their uses. Working with art work, scanning, colour fill up, colour reduction, editing and clearing of drawn image using CAD software. Preparation of colour effects on different designs. Two-dimensional and three-dimensional drawing. Use of Auto – CAD and textile design CAD for drawing	PS	15		
		FAD 202	Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's and women's casual wear, party wear, beachwear and sports wear.	PS	20		
		FAD 203	Garment finishing and packaging : Methods and techniques used. Need, category of garment and its production and processing, equipment and methods, permanent press, pleating, folding, packaging of garments.	SMR	15		
		FAD 204	Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines. Weft (hand knitting): stockinet or jersey stitch; rib stitch and circular knitting; machine knitting – single knit, double knit and circular knit.Warp knitting: tricot, raschel, simplex and Milanese; different knitting designs.	SM	15		
		FAD 205	Special Fabric Manufacture and their processing.Process for manufacturing of crochet, Net, Lace, Braids, Bonded, Laminated and other special and narrow fabric and their properties and uses	SM	PS		
		FAD 206	Consumer Protection:Marketing of fashionable garments International Marketing and export formalities:Visual merchandising (VM)	SMR	15		
		FAD 207	Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari-blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants etc.	PS	20		

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APRIL 2019 TO JUNE 2019	2 <sup>ND</sup>	FAD 208	Sewing of few garments and their finishing such as manufacture of casual trouser, payjama, 4 and 6 panel sari- petticoat; salwar kameez, churidar, and women's princess line kurta, kalidar kurta, nightie/ dressing gown, womens' shirt, top and skirt, men's shirt and pants, etc	PS	20		
		FAD 209	Creation of surface ornamentation and establishment by Miscellaneous Methods of Surface Ornamentation: Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc. Accessories Design: designing of Jewelry footwear, hats and headgears, gloves, hair – styling, bags and purses, etc matching and befitting with style, design and colour of the garment.	SMR	20		
		FAD 210	Manual and computer aided practice of use of different forms of basic elements of design i.e. points, straight lines, curved lines, geometric shapes, figures, abstract art and their positioning and resizing and colouring; working on a particular theme / story; mood – board for designing of components of different simple garments for wearing in different occasion/ situation/places Use of CAD for basic woven design of textile and basic garment design and draping and texture mapping etc.	PS	20		

**LESSON PLAN OF 3<sup>RD</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2018 TO SEPTEMBER 2018	3 <sup>RD</sup>	FAD 301	Ethics: Human ethics, Professional ethics, the values of ethics, ethics and emotions, Human Values: Values Ecology:	SMR	15		
		FAD 302	Preparatory processes for different textile fabrics before dyeing and printing: Dyeing:	SM	15		
		FAD 303	Garment Sizing: Grading: Grading of Patterns to Various Sizes: Application of computer in garment sizing and size standardization. Sizing of different components	SMR	20		
		FAD 304	Critical analysis of process stages for manufacture of garments in industry. Designing of garment based on different design ideas & sources, selection of fabrics/accessories and trimming. Market survey, design analysis, design creation and surface ornamentation. Analysis of historical costumes of India and other countries,				
		FAD 305	Entrepreneurship Development: Concept and social context for entrepreneurship development. Business environment for the Entrepreneur: Government role and regulation in business:	SMR	15		
		FAD 306	Introduction to Auto - CAD/ CAM Software and its utility, Function of CAD/ CAM software, Introduction to Tuka Studio or Nedgraphics software for developing textile print design and repeats. Fundamentals of computer aided tools	PS	15		
		FAD 307	Desizing of cotton fabric Scouring of cotton fabric Bleaching different fibres, yarns and fabrics, weight reduction of polyesters	SM	10		
		FAD 308	Practical Garment design based on theme Rendering: Designing and developing a line of garment based on a particular theme Computer aided textile design and garment design. Garment designing and draping with rendering.	PS	20		

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OCTOBER 2018 TO DECEMBER 2018	3 <sup>RD</sup>	FAD 301	Environmental Studies: Environment and public health:Fuel and energy management Eco-friendly textiles and processes Textile mill's effluent (water pollutant in wastewater) and need of its treatment before discharge. Reuse of water and water conservation. Waste water sampling and analysis. Basic processes for waste water treatment and recovery of material from wastewater.	SMR	20		
		FAD 302	Printing : Different styles of printing:Different methods of printing: block Brief idea about the printing tables .Printing with different dyes and pigments. Process of printing and print fixation method.	SM	20		
		FAD 303	Introduction to Draping of garments and preparation of an adhesive dress-form. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components. Draping a basic skit with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt) Draping Collars	SMR	20		
		FAD 304	Testing and technical analysis of garments and accessories: Standards and test methods of seam strength resistance to snagging, washability and colour fastness, efficiency of detergent, stability to heat / light / fuming / steaming, button pull out test, test of balance, fit and measurement etc., test of fibre content and blends analysis, test of draping, dimensional stability etc. Testing of trimmings and garment accessories. Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment.	SM	20		
		FAD 305	Launching and Survival of business,Market survey, Project preparation and Business communication	SMR	10		
		FAD 306	Colour Science and Computer Aided Colour Measurement and Matching:Preparation of colour database for textile dyes. Special representation of colours, lines and knowledge to use different material and media in art, craft and textile design work through use of computer aided tools and software.Computer aided print designs using printex or nedgraphics software using vector and raster tools of specialized computer aided print design software.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2018 TO DECEMBER 2018	3 <sup>RD</sup>	FAD 307	Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing.	SM	15		
		FAD 308	Garment designing and draping with rendering. Rendering on the croqui using different colour media along with pencils; Rendering detailed limbs and face drawings on the croqui Designing of different necklines such as round neckline, square neckline, V neckline etc. Designing of different sleeves like puff sleeve, raglan sleeve, kimono sleeve etc. Designing of different skirts like pleated skirt, gathered skirt, gored skirt, skirt with yoke, skirt with waist band; ethnic and western pockets, drapes, folds and gathers, frills, flounces, bias cuts.	SMR	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2019 TO MARCH 2019	3 <sup>RD</sup>	FAD 301	Introduction to quality concept: Definition and concept of quality, product specifications and standards. Sampling: Sampling technique and random sampling procedures. Quality Assurance: Statistical Quality Control: Total Quality Management: ISO 9000 (ISO-9001-2000) & ISO 14000	SMR	20		
		FAD 302	Aesthetic and Functional Finishing: Calendaring and pre-shrinking, Softening and stiffening, Crease resistance or wrinkle recovery finishes, Water repellent finishes and water proofing, Antimicrobial / rot resistance finishes, Flame retardant / flame proof finishes of cellulosic textiles, Bio polishing of cotton, Enzyme washes - Vs - stone wash of cotton denim / jeans Soil release / stain resistance finishes, Antistatic finishes, UV Protection finishes of synthetic textiles and Silky finish of polyester (weight reduction of polyester). Weighting of silk fabrics, Scroopy - Finish of silk fabrics.	SM	20		
		FAD 303	Fashion Illustration, Illustrations of Garments & garment design details, Fashion Illustrations details	SMR	20		
		FAD 304	Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment. Critical factors for fashion life cycle analysis and forecast. Color forecast and its importance, seasonal demands and variations in design of garments. International garment business and its trend analysis. Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Specific garment processing machines and their working.	SMR	20		
		FAD 305	Financial Management, Sources of finance, Investment decision, public and government borrowings. Working capital, bank funding, calculative risks, financial planning and control, inventory control and purchase technique, marketing link and sales promotion measures. Cost-Vs-revenue and profit. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account. Financial statement analysis, Financial indicators and ratios. Profit volume ratio. Break-even analysis. Accounting ratios. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	SMR	15		
		FAD 306	2D & 3D Computer aided pattern making (Using TUKA – CAD / GERBER / LECTRA Technology). Computer aided pattern making, marker planning, sizing, grading and draping of garments for different types of men/women/children wear. Computer aided Fashion illustration techniques, using fashion illustration software.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2019 TO MARCH 2019	3 <sup>RD</sup>	FAD 307	Mercerizing of cotton, degumming of silk and scouring of wool. Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing	SM	20		
		FAD 308	Fashion Illustration Practical for Garments, Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways. Illustration of different men, women and children wearing practice..	SMR	20		



ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2019 TO JUNE 2019	3 <sup>RD</sup>	FAD 301	Apparel Production and quality control: Work study, time and motion study and line – balancing / assembly line layout, optimization of space and infrastructure (Plant lay - out), utilization of maximum available machine hour and man-hour, reduction of idle time, Production bottlenecks. Specification of garments Quality Control and Cost:	SMR	20		
		FAD 302	Decatizing of woolen and silk goods, Shrink proofing of woolen goods, Milling of woolen goods etc. Special finishing like chemolonic, costume/ fragrance, thermotropic, chromotropic and other smart polymeric finishes Fault free finishes on textiles and garments	SM	20		
		FAD 303	Garment Design and Analysis: Elements of Textile Design: forms, balance, rhythm, symmetry, colours, relation of colour with fashion. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour, application of fashion analysis (fashion elements, and market research, fashion awareness and combination of factors in fashion / design selection). Identification and forecast of colour and fashion preferences and search of fashion elements for visual merchandising of garments.	SMR	20		
		FAD 304	Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Softening of garments by different methods: Garment washing, Different types of garment finishing	SM	20		
		FAD 305	<u>Costing</u> : Principles and object of costing. Different method of costing. Cost–Vs.-pricing. Revenue generation. Manufacturing cost-control techniques. Cost reduction approaches in garment manufacturing industry. Factor affecting cost and pricing. Cost-volume-profit analysis (yarn and fabrics). Costing applicable for textile product / and garments etc. Analysis of fund flow, cash flow.	SMR	15		
		FAD 306	Use of computer for Fashion cycle, fashion forecasting, fashion marketing. Role of designers in creating fashionable garments & its merchandising .Study of different computer software for textile weaving design. Preparation of Checks and Stripes or dobby designs using computer aided weaving CAD module. Computer aided print design preparation for surface embellishment and decoration. Computer aided garment designing: Preparation of Basic block, Skirt Block, Trouser Block using the Pattern Drafting by Tuka-CAD Software. Pattern Drafting of Skirt variations and shirt patterns.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2019 TO JUNE 2019	3 <sup>RD</sup>	FAD 307	Chemical Finishing: Application of common finishes such as softening agent, stiffening agent, optical brighteners, bleaching agent, etc. on cotton and other textiles and garments and their evaluation. Application of anti-crease, water repellent /water proof, flame retardant and rot resistant finishes on cotton and other textiles and garments. Application of anti-static and soil release finishes on synthetic textiles and garments. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc. Evaluation of important functional properties of textiles and garments before and after different finishing	SM	20		
		FAD 308	Portfolio Preparation and Presentation: Techniques of systematic developing, designing and filing the design work of a line of garment based on particular theme, purpose and targeted customer as portfolio – with specification sheets sketches of draping, illustration and cost structure and with sample of actual garment and its photograph etc. Different types of portfolio presentation and their uses. Organizing portfolio for sales of design work and fashion marketing.	PS	20		
		FAD 309	Assignment during internship on textile design collection and garment designing and sewing, to get 1 <sup>st</sup> hand knowledge on textile fabric design development and garment design related to fashion design and garment designing on specific themes. Assignment to understand the role of textile and garment designers and to understand different market sectors, production methods and related construction of fabrics and garments Design Project and portfolio Preparation:	SMR	1 MONTH INTERNSHIP  TRAINING		
		FAD 310	Each student shall be required to carry out under supervision of one or more teacher or teachers as guide and/or co-guide , by carrying out an original investigation work on any problem related to textile processing or garment production / finishing / design, marketing etc. related to his/her studies. Each student shall submit three copies of typed written and bound dissertation embodying the survey, questionnaires/photographs/design work or experimental work and results of their investigation along with analysis and collected designs with specification sheets and other details of the product development / other work done.	PS  SM  SMR	3 MONTHS TRAINING		

**LESSON PLAN UNDER CBCS SYSTEM FOR BFAD (HONS) DEGREE COURSE**

<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/AI/CC1  Theory	1. Fundamental concepts of fibre	4	<b>SM</b>
	2. Introduction to natural fibres- Composition, Physical and Chemical structure, Chemistry, Properties and Uses of following Natural Fibres	8	
	3. Introduction to man-made fibres	2	
	4. Introduction to Yarns	2	
	5. Objectives of blow room, carding, drawing and spinning, yarn twisting.	4	
	6. Different types of fancy yarns production, Sewing Thread	4	
	7. Yarn Preparatory	4	
Practical	1. Testing of fibres	6	<b>SM</b>
	2. Yarn Testing	6	
FAD/AI/CC2  Theory	1. Introduction of patterns: Need of pattern making.	2	<b>PS</b>
	2. Introduction to technical skills in pattern making and garment production	2	
	3. Study on different types of stylelines used in garments	2	
	4. Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts	6	
	5. Necklines and Plackets:	4	
	6. Collars and Facings, Sleeves and Pockets	4	
	7. Introduction to sewing	6	
Practical	1. 1. Principles of pattern drafting through block construction and dart manipulation:	6	<b>PS</b>
	2. Temporary and permanent hand stitches, plain seam, flat seam and ridge seams, Variation in pleats, darts, tucks, gathers and facings	6	
	3. Drafting of pattern for Skirt	6	
	4. shirts, trousers, kameez, salwar, churidar and jacket.	6	
FAD/AI/AECC1  Theory	1. Grammar: noun, pronoun, adjective, verb, adverb, conjunctions, preposition, tense, voice, articles, phrases and clauses	2	<b>AG</b>
	2. Communication skills	4	
	3. Reading skill, writing skill and listening skill	4	
	4. Dialogue writing, drafting job application, notices, Correspondence	4	
	5. Preparation of bibliography, Project Report: Preparation of Project Reports	4	
	6. Preparation of curriculam vitae (Bio-data/ Resume). Writing application for jobs, reporting to news paper for any incident etc.	4	

<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/I/GE1  Theory	1. Different sources of inspirations for textile design: designs from Indian Mythology, motifs, sculpture, civil art, nature, aquatic life, ornaments	4	<b>SM</b>
	2. Concept of designs of Textiles in designing Textile Fabrics and apparels for different end-use purposes for different class of people and age.	4	
	3. Positioning of motifs and idea of repeats in design. Design development in different forms	4	
	4. Basics of woven design of Textiles, weaving in handlooms,	4	
	5. Textile designing by Tie-dye and Printing of Textiles		
	6. Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.	4	
Practical	1. Placement and Repeats of design blocks in different ways and means on paper sheet.	2	<b>SM</b>
	2. Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design.,	4	
	3. Woven design development in sample forms- plain, twill, checks, stripes etc	8	
FAD/A/I/GE2  Theory	1. Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman.	2	<b>SMR</b>
	2. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes	3	
	3. History of Indian and Western costumes:	2	
	4. History of Fashion: elements of fashion; Western and Indian traditional textiles and fashion relationship	2	
	5. Study on Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, et	4	
	6. Study on development of various craft work of different States of India and Woven Textiles	4	
Practical	1. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics	2	<b>SMR</b>
	2. Creation of Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	4	
	3. Accessories Design	4	
FAD/A/I/GE3  Theory	1. Visual Arts: Observing and recording of information through various kinds of drawings	2	<b>SRC</b>
	2. Design Studio and its utility in garment design	2	
	3. Definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour	2	
	4. Principles of Design, elements of design	2	
	5. Colour: importance, primary, secondary and tertiary colours, colour harmony complimentary colours.	2	
Practical	1. Basic design drawing in scale and use of Different Drawing Media	2	<b>SRC</b>
	2. Design development: growth of motif, enlarging and reducing a motif, placement for all over pattern. Colour: colour wheel	2	
	3. Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles	2	
	4. Visualization of garments and dress forms from various angles and perspective with accessories	2	
	5. Use of new media services, web – information, multimedia design studio and design communication, Visual illustration of textile art and fashion	2	

<b>Semester II(January to June)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/II/CC3 Theory	1. Fundamentals of weaving, Principles of working of looms (hand looms and power looms), primary and secondary motion of looms and their functions.	4	<b>SM</b>
	2. Analysis of basic weaves; Plain and twills, Checks and Stripes, colour and weave interaction, derivatives of basic weaves; Satin and sateen weave, dobby, jacquard, pile weave including cut and uncut pile, Representation of simple weaves on graph paper with drafting plan.	8	
	3. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks,	6	
	4. Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines.	4	
	5. Principles of forming non-woven fabrics. Different techniques and mechanism of non-woven fabric formation. Properties of non-woven fabrics	2	
Practical	1. Fabric identification and design analysis. Fabric specifications of some common fabrics	5	<b>SM</b>
	2. Fabric identification of different woven and knitted sample	5	
	3. Collection of fabric sample and analysis of the same for file work	5	
FAD/A/II/CC4 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts, frock, Kameez, salwar etc	2	<b>PS</b>
	2. fundamental concepts of garment styling, designing and drawing (flat sketch), pattern making, marker planning, cutting, sewing and finishing	4	
	3. Different types of seams, different stitches, code of stitches and stitch numbers. Details of different types of industrial and domestic sewing machines and feed mechanism, sewing needles and its specifications, sewing threads; types and requirements. Sewing problems.	4	
Practical	1. Development of various types of seams, pleats and their application in garment	4	<b>PS</b>
	2. Practise on Dart Manipulation	4	
	3. Development of different garments and decorative samples with surface embellishment.	4	
	4. Practise on Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari- blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants and coat (suit), ladies-salwar/churidar and kameez etc	8	
FAD/A/II/SEC -A  Theory	1. Components of Computer; Peripherals; Hardware and Software; History of Computer from 1st Generation to Present.	2	<b>PS</b>
	2. Introduction to MS Word	2	
	3. Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images.	2	
	4. Fundamentals of CAD Software and its use:	2	
	5. Introduction to different operation systems for effective use of the followings: Inserting Objects, hyperlink and Placing Tables:	2	
	5. Introduction to Corel draw& Photoshop	2	
FAD/A/II/GE- 4  Theory	1. Definition of fashion and fashion life cycle, consumer and fashion relationship. Creative fashion and Fashion season. Style and fashion survey and forecasting.	2	<b>SMR</b>
	2. Fashion illustration and various mediums used in fashion illustration	2	
	3. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 heads.	2	
	4. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend	2	
	5. Rendering of fabrics and its different techniques	2	

	6. Different presentation techniques of various wears of children, women and men.	2	
Practical	1. Designing and developing a line of garment based on a particular theme (beachwear; swimwear; casual wear; sportswear; nightwear; cocktail wear; eveningwear; ramp wear; executive wear; traditional Indian costume of different states and their variations in design.	4	SRC
	2. Garment designing and draping with rendering.	4	
	3. Fashion Illustration Practical for Garments.	4	
	4. Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways	4	
FAD/A/II/GE-5	1. Origin of fashion Accessories. Introduction to various fashion accessories.	2	SMR
	2. History of fashion accessories like jewellery, belts, shoes, footwear, hats, caps, bags	8	
	3. Study on the principles of design of Fashion accessories and the problems in designing fashion accessories.	2	
	4. Study of development of decorative and fashionable footwear	2	
Practical	1. Creation of various types of bags using various types of raw materials like fabric, cord, beads, plastic mat, leather. etc	2	SMR
	2. Creation of various types of hats and caps by using various raw materials.	2	
	3. Designing of shoes	2	
	4. Design development of various types of jewellery	2	
FAD/A/II/GE-6	1. Entrepreneurship: Definition and motivational characteristics importance women's Entrepreneurship in the Indian Economy. Scope of Entrepreneurship in garment and textile sector. Role of technical and managerial knowledge for entrepreneurship development.	4	SM
Theory	2. Business environment for the Entrepreneur: Government of India's policy towards promotion of Entrepreneurship, reservation and sanctions for small-scale sector, medium scale sector and large-scale sector. Importance of business communication procedures	4	
	3. Governmental regulation and reviews in business, legal matters – licenses, registration, etc.	4	
	4. Launching and Survival of business	2	
	5. Market survey, Project preparation and Business communication: Knowledge and skills for market survey and research. Importance of business communication. Elements of project preparation: Principles, procedure, formatting and formulation of project proposal, budget estimate	6	
Practical	1. Assignment to Develop a project proposal for setting up a yarn making and woven garment factory	5	SM
	2. Assignment to Develop a project proposal for setting up an apparel manufacturing or textile manufacturing factory	5	
	3. Project preparation for establishing a dye house or printing factory or knitting factory.	5	

**RANI BIRLA GIRLS' COLLEGE**

**38, SHAKESPEARE SARANI**

**KOLKATA-700017**

*Criterion: 1*

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**Index Number: 1.1**

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**SUBTITLE: LESSON PLAN**

**DEPARTMENT: FASHION AND APPAREL DESIGN**

**YEAR: 2019-20**

**LESSON PLAN OF 1<sup>ST</sup> YEAR OF B.F.A.D. DEGREE COURSE UNDER PART SYSTEM**

<b>ACADEMIC QUARTER</b>	<b>CLASS/ YEAR</b>	<b>PAPER CODE</b>	<b>TOPICS TO BE COVERED</b>	<b>NAME OF THE TEACHER</b>	<b>NO. OF LECTURES</b>	<b>REMEDIAL</b>	<b>REMARKS</b>
<b>JULY 2019 TO SEPTEMBER 2019</b>	<b>1<sup>ST</sup></b>	<b>FAD 101</b>	Grammar: noun, pronoun, adjective, verb, adverb, tense, voice, article, clause, parts of speech, preposition, punctuation, and capitalization, Transformation of Sentences.	<b>AG</b>	<b>16</b>		
			Communication skills: What is communication? Function and purpose of communication, process of communication, models of communication, noise and barriers to communication. Types of communication: oral, written, non- verbal. Brief narrating/reporting incidents/ happenings/ accident, etc.				
		<b>FAD 102</b>	Introduction: definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour.	<b>SRC</b>	<b>2</b>		
		<b>FAD 103</b>	Principles of Design: Concept and Concern. History of art, craft and Designs, Definition of Design. Different Forms of Design and its purposes. Rules of Design Development: Elements of Design, Design Structures and Sources of Design for Drawing of Designs. Definition of fashion and fashion cycle and fashion seasons. Designing and stylizing of garments and design of accessories: Impact of light and shadow effect in garment design, rendering of fabric design, application of stylization in garment designing	<b>SMR</b>	<b>24</b>		
		<b>FAD 104</b>	Fundamental concepts of fibre, Basic requirements of a polymer to be suitable for forming textile fibres, essential characteristics of a textile fibre, classification of textile fibres, essential properties (physical and chemical)- of a textile fibre-their terms and definition. Concept of fibre structure Degree of order and Crystallinity, degree of orientation, structure property relationship. Fine and Gross Fibre structure of Viscose, Cotton wool, silk, jute, acrylics, nylon, polyester and other fibres and their properties.	<b>SM</b>	<b>16</b>		



ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2019 TO SEPTEMBER 2019	1 <sup>st</sup>	FAD 104	Introduction to yarn and fabric dimension, property parameters, construction, types and specification of textile yarn and fabrics. General flow chart for yarn manufacture and fabric manufacture for understanding and acquaintance with mechanical processing of textiles. Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts.	SM	10		
		FAD 105	Brief history of Indian textiles from ancient times to the present. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance. Design status of costumes of different states of India and their specialty for men, women and children of respective states. Study of the textiles, costumes and surface ornamentation of all Indian states Woven Textiles	SMR	20		
		FAD 106	Introduction of patterns: Need of pattern making. Tools and materials used for pattern making and terminologies used in pattern making, symbols used in pattern making. Introduction to technical skills in pattern making and garment production. Figure Measurement: general principles, taking direct measurements. Fundamental pattern construction processes and applying these to produce garments	SMR	12		
		FAD 107	What is Computer? Components of Computer; Peripherals; Hardware and Software; History of Computer from 1 <sup>st</sup> Generation to Present. MS Windows: What is Windows? General features of MS Windows; GUI-Graphical User Interface; Multitasking; WYSIWYG-What You See is What You Get; Special features of MS Windows; parts of MS Windows; screen, types of windows; shutting down windows, Windows Explorer; working with folders; using recycle bin. Control Panel: Introduction to Control Panel; starting with the Control Panel; Control Panel: display, background properties, screen saver properties, appearance properties, mouse properties, button configuration, double-click speed.	PS	12		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2019 TO SEPTEMBER 2019	1 <sup>ST</sup>	FAD 108	Basic design drawing in scale and use of Different Drawing Media: Scaled Drawing as an aid to design; Writing Alphabets and different elemental unit of design in specific dimension and shapes, concepts of proportion – balance of proportion, rhythm of proportion etc. Observation and implementation of manual on the drawings using different pencils 2B, 4B, 6B, charcoals, different types of pencil colours and water colours; usage of different pencil and water colours; making light and deep shades, use of computer for drawing of design. Basic Designing and Sketching (on paper sheet):	SRC	24		
		FAD 109	Drawing of patterns for different garment with standard measurement at proportions with desired fit and allowances. Principles of block drafting and design manipulation and accordingly pattern drawing. Standard body measurement and pattern making for basic bodice block and few simple children and adults' garments. Making Paper Pattern of the following garment components in ½ Scale and also making samples of the following garment components: - Collars: convertible, mandarin, wing, peter pan, sailor, bertha, shirt collar, notched collar, shawl collar and its variations Necklines: V-neck, square neck, sweetheart, raised necklines, scooped necklines, boat, cowl. Variations in necklines. Sleeves: puff, flared, balloon, leg-o-mutton, cap, cowl, bishop, short, lantern, circular, kimono, raglan. Variations in Sleeves. Pockets (inset pocket; patch pocket and in-seam pocket.), Waistbands & Plackets with different variations.	PS	32		
		FAD 110	Textile Testing, Fibre Testing: Staple length / fineness (denier), Crimp etc. Testing of Strength, elongation, shrinkage of fibres. Yarn Testing: count, denier, twist, crimp and crimp rigidity, elongation.	SM	30		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2019 TO DECEMBER 2019	1 <sup>st</sup>	FAD 101	Reading skills: What is reading? Purpose of reading, types of reading: skimming, scanning, extensive reading, intensive reading, and loud and silent reading, Listening skills: What is listening? Types of listening: casual listening, focused listening, hearing and listening. Purpose of listening: material to be recorded, acquiring information. Semantic markers, using abbreviations, taking dictations. Writing skills: What is a sentence? Subject and predicate, phrase and clause, parts of speech, types of sentence: simple, compound, complex, writing paragraphs, summary writing, linkage and cohesion, linkers in paragraphs, structure of writing, spell check and conversion of long sentences to small sentences. Correspondence: What is correspondence? Letter writing, general and official correspondence, writing resume, comprehension, précis writing, essay writing	AG	21		
		FAD 102	Design development by various ways: rotation, brick effect, mirror effect, step drop effect, half drop effect, pillar effect, batik technique, tie and dye technique, spray technique. Visual Arts: Observing and recording of information through various kinds of drawings. Design Studio and its utility in garment design:	SRC	16		
		FAD 103	Composition, Physical and Chemical structure, Chemistry, Properties and Uses of Natural Fibres <ul style="list-style-type: none"> <li>• Cotton: a natural cellulose fibre.</li> <li>• Jute, Flax, Ramie: natural lignocellulosicfibres</li> <li>• Wool and Hairs: natural protein fibres</li> <li>• Silk: natural protein fibre</li> </ul> Minor Natural Fibres: vegetable (Banana, Sisal, Coir, Pineapple, Bamboo)	SM	16		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2019 TO DECEMBER 2019	1 <sup>ST</sup>	FAD 104	Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts. Objectives of blow room, carding, drawing and spinning, yarn twisting. Flow chart for production of various yarns in different spinning systems, yarn twist, twist factor and yarn properties. Influences of process parameters on yarn properties. Different types of fancy yarns production, textured yarns and flat filament yarns and their properties. Sewing threads: types, requirements and properties.	SM	22		
		FAD 105	Embroideries, Dyed, Painted and Printed Traditional Textiles of India: Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era influenced by theatres, films, entertainment business, magazines, TV and cultural heritage.	SMR	22		
		FAD 106	Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts. Basic ideas on proportions, balance and fit for drawing and preparing pattern Principles of pattern drafting through block construction and dart manipulations for different men, women and children wear. Necklines and Plackets: terminology, classification and different types of necklines and plackets. Variations in necklines and plackets. Collars and Facings: terminology, classification, various types of collars such as convertible, mandarin, wing, role, peter pan, sailor, shawl, notch, bishop, Chinese, ruffle mandarin, shirt. Variations in collars and facings. Sleeves, pockets	SMR	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2019 TO DECEMBER 2019	1 <sup>ST</sup>	FAD 107	Introduction to MS Word: starting with Word; parts of MS Word screen; starting a new document; navigating the document; file handling; editing the text; formatting the text. Making familiarize with Computer. Components of Computer, Hardware and Software; Starting and Shutting down of Computer; Familiarization with PC, including Micro Computer and its accessories for effective use. Introduction to different operation systems Mail Merge, Views, Printing and Creating Styles: Mail Merge; Views; Ruler; Zooming; Summary information; Print setup and Print	PS	18		
		FAD 108	Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles Placement and Repeats of design blocks in different ways and means on paper sheet Placement and Repeats of design blocks in different ways and means on paper sheet	SRC	26		
		FAD 109	Practical working in sewing machine, Understanding different parts of sewing machine and their functions. Practical Work on Disposal of Fullness on garment pieces:	PS	16		
		FAD 110	Fabric Design Analysis and weaving designs: Practical understanding of creating fabric designs on looms Design Analysis for of the weave and construction of different textile fabrics. Weaving plain (with colour interaction), twill (with colour interaction) and checks and stripes fabric, samples on hobby looms	SM	20		

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JANUARY 2020 TO MARCH 2020	1 <sup>ST</sup>	FAD 101	Dialogue writing, writing of job application, notices, advertisements for classified columns.Preparation of bibliography: What is bibliography? Types of bibliography, rules for bibliographic page, footnotes and endnotes; reporting	AG	18		
		FAD 102	Introduction to Fashion: Definition of fashion and fashion illustration and various mediums used in fashion illustration life cycle, consumer and fashion relationship. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 headsFlat drawings: different types of flat drawing and their usages. Model draping: definition and usages. Figure analysis, proportion and disproportion of human figure, different types of figures for both men and women	SMR	18		
		FAD 103	INTRODUCTION TO MAN-MADE FIBRES , Manufacturing Technology for production of synthetic fibres, Manufacture, Chemistry, Properties and Uses of common manmade fibres - Study of different types of natural and synthetic fibres with special reference to their end-uses	SM	18		
		FAD 104	Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.Yarn Preparatory: Yarn preparation for weaving, quality of warp and weft yarns. Process of weaving:Weaving design: analysis of basic weaves;	SM	18		
		FAD 105	Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design.Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era History of Indian and Western costumes:	SMR	18		
		FAD 106	Introduction to sewing; Drafting of children garments; Drafting of Skirts: Fullness in garments: Standard size chart Fit analysis of garments, different types of fit, Different style lines and its application in dress making	PS	18		

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JANUARY 2020 TO MARCH 2020	1 <sup>st</sup>	FAD 107	Drawings and Pictures using different softwares: Drawing and shapes; creating shapes, lines, freeform and other drawing objects; formatting drawing objects; managing list; sorting data in a list; filtering; using data forms. Practise with Corel draw / Photoshop and paint for drawing and design	PS	18		
		FAD 108	Colour Schemes: Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design., Design Application: Design suitability for different purposes by design development including different techniques of printing (batik, tie-dye, stencil, roller, block, screen, transfer etc.) applied on fabrics	SRC	18		
		FAD 109	Practice of Finishing of raw edges and facings on garments: Doing of Placket Openings: Even hem placket, continuous wrap opening, two piece placket and kurta placket	PS	18		
		FAD 110	Designing of textile fabrics on graph papers: transfer of graph paper designing to jacquard or doobby (basic weaves). Analysis of design of variety of woven fabrics and knitted fabrics. Analysis and creating design of decorative woven fabric samples: for furnishings wall hanging, tablemats, napkins of different woven designs on a hobby loom and handlooms.	SM	18		

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APRIL 2020 TO JUNE 2020	1 <sup>ST</sup>	FAD 101	Project Report: preparation of Project Reports /thesis/research paper and its format. Motivation,Effective communication and co-ordination and development of personality. Exploration of meaning, message and information, communicated through art, craft and design work, communication through different media, tools, audiovisual and art & design	AG	17		
		FAD 102	Study of types and techniques of fashion illustration and study of human anatomy. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend. Rendering of fabrics and its different techniques-communication of fashion through silhouettes, colour and style lines	SMR	18		
		FAD 103	TEXTILE TESTING (FIBRE TESTING) Moisture Relations and Testing, Fibre Testing:Fibre Identification;	SM	20		
		FAD 104	Yarn & Fabric Testing	SM	10		
		FAD 105	Historical costumes of India (state-wise):Investigation of historical, contextual and contemporary practices in the fashion industry;History of Fashion: elements of fashion;	SMR	17		
		FAD 106	Flow chart showing the stages of production process Development of size charts and its application in garment making, Different types of sewing machine needles Different types of sewing threads used in garment construction Effect of style lines on appearance. Introduction to the construction and functions of common seam types.	PS	18		
		FAD 107	Practise developing posters, calenders, patterns of garments using various softwares Practise development of various designs suitable for surface ornamentation of textiles including, print design, batik and bandhni design, embroidery design etc.	PS	18		



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APRIL 2020 TO JUNE 2020	1 <sup>st</sup>	FAD 108	Fashion illustration of child, men, women figure with special reference to drawing of face, hand, legs, and different postures, Figure/ Design Analysis : Illustration of fashion accessories and hair styling	SMR	20		
		FAD 109	Preparation of pattern and marker plan, Creation and Practice of Surface Ornamentation through Embroidery, Studies and practice of following Traditional Embroideries of India	PS	20		
		FAD 110	Identification of stain and the techniques of stain removal, Blend analysis of various yarns	SM	15		

**LESSON PLAN OF 2<sup>ND</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2019 TO SEPTEMBER 2019	2 <sup>ND</sup>	FAD 201	What are graphics? Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images. Paint Brush: Corel Draw	PS	14		
		FAD 202	Standard body measurement and pattern making for adult garments: Study of basis of garment construction and pattern making for children, men and women's wear, Introduction to basic process sequences of garment production and each unit operation involved:	PS	20		
		FAD 203	Background of textiles and clothing industry in India and abroad: Planning and layout for garment construction and manufacture processes. . Tailorability, comfortability and hand value of textile fabrics, Sizing, Grading and Pattern making: Marker Planning, Drawing and Reproduction techniques of the marker Spreading of the fabric to form a lay:	SMR	18		
		FAD 204	Yarn Dimension and structure: Fabric Dimension and structure: Weaving Design.	SM	15		
		FAD 205	<b>KNITTING</b> , Problems, prospects and growth of the Indian Knitting Industry: Basic mechanical principles (mechanisms) of knitting technology and structure property relationship of knitted fabrics.	SM	15		
		FAD 206	Introduction of the basic theory of economics, Demand and Supply: Equilibrium of the firm: Market Structure and pricing Production, Consumption and Cost: inputs and outputs,		12		
		FAD 207	Body Measurement ( <i>Correct Method of taking Different Body Measurements</i> ) with correct allowance Construction of Adult's Basic Blocks	PS	15		

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JULY 2019 TO SEPTEMBER 2019	2 <sup>ND</sup>	FAD 208	Introduction to sewing machines; safety regulations, preventive and breakdown maintenance of sewing machines and needles. Running of sewing machines. Demonstration of different types of Sewing Machines, study of its different parts and their functions, care and maintenance of sewing machines. Knowing of sewing threads.	PS	8		
		FAD 209	Hand and Machine Embroidery Practice in general. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics.	SMR	20		
		FAD 210	Practice to get acquainted with tools of M.S. paint, paint brush; use of various colours and to edit colours. Drawing, copying, scanning and transforming images. Practice to get acquainted with interactive tools of corel draw; import and export of images; resize image. Drawing ,shaping, aligning, editing and grouping and ungrouping images.	PS	15		

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OCTOBER 2019 TO DECEMBER 2019	2 <sup>ND</sup>	FAD 201	Preparation of Motifs in lattices and placement of different repeats; Photoshop: Flash I and Flash II	PS	18		
		FAD 202	Introduction to basic process sequences of garment production and each unit operation involved Pattern making and marker planning and lay out for some women's occasional wear: lined jacket, katori choli, evening gown, choli-cut sari blouse, House coat, Reversible jacket, women's casual shirt, nightie etc.	PS	18		
		FAD 203	Cutting of the fabrics: Sewing: Different types of seams, different stitches Alternative methods of joining clothing materials- Different other operations and machines used in garment construction	SMR	18		
		FAD 204	Weave notations; plan view and sectional view of cloth; drafting, lifting and pique plan. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks, diamond and diaper, mock leno, ordinary honey comb, brighton honey comb, huck-a-back, crepe, bedford cord. Construction and design of terry pile, corduroy and velveteen, etc. Designing of dobby and jacquard weaving.	SM	20		
		FAD 205	Types of Knitting: Flat-Bed Knitting Machines: Circular Knitting Machines and its working principles.	SM	20		
		FAD 206	Production, Consumption and Cost: inputs National Income: definition & methods of its measurement, Public revenue and Taxation: Savings and Investment: International Business Economics		15		
		FAD 207	Basic Torso Sloper, Basic Sleeve Sloper, Basic Skirt Sloper, Basic Trouser Sloper	PS	15		

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OCTOBER 2019 TO DECEMBER 2019	2 <sup>ND</sup>	FAD 208	Sewing practice on clothes- Hand Stitches Seams	PS	15		
		FAD 209	Studies and practice of following Traditional Embroideries of India	SMR	15		
		FAD 210	Practice to get acquainted with tools of Flash for graphics design and animation; editing graphics and animation; adding movies and sound with text; creating pattern layers.Practice to get acquainted with Abode Photoshop; manipulating colour table; CMYK colour conversion; adjusting hue saturation. Photoshop: Introduction to Photoshop and editing of raster images; Using of toolbox and layers; Understanding image parameters, such as image size, resolution, colour modes, Design editing and manipulation using Adobe Photoshop, Colour correction and rendering 2D images.	PS	15		

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JANUARY 2020 TO MARCH 2020	2 <sup>ND</sup>	FAD 201	Overlays and layers; purpose of overlays and creating of overlays; layers in a scene; inserting layers and stacking order; creating and modifying text.Fundamentals of CAD Software and its use:	PS	15		
		FAD 202	Development of slopers Flat drafting, Adaptation, layout, cutting, sewing	PS	18		
		FAD 203	Flow chart for production of different simple garments from raw material to finishing stage, plant and machinery layout of a garment factory Sampling Department:	SMR	15		
		FAD 204	Design analysis of fabric samples of different types and designs. Construction / specification of common commercial fabrics	SM	15		
		FAD 205	Circular Knitting Machines and its working principles Non-wovens:	SM	15		
		FAD 206	Marketing Management: Textile Merchandising:Costing and Pricing – Quality control in textile merchandising quality assurance and customers satisfaction Reinforcement of pricing policies and sales promotion techniques.	SMR	15		
		FAD 207	Dart Manipulation: shifting of darts, combining darts, dividing darts, concealing darts in yokes and seams lines, converting darts to gathers	PS	10		
				FAD 208	Preparation of pattern,. marker planning; cutting and bundling of different parts of various garments for manufacture of few adults garments as per design and pattern made.	PS	15

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JANUARY 2020  TO  MARCH 2020	2 <sup>ND</sup>	FAD 209	<p>Studies and practice of following Traditional Embroideries of India</p> <ul style="list-style-type: none"> <li>k. Kantha of Bengal</li> <li>l. Chikankari of Uttar Pradesh</li> <li>m. Kathiawari of Gujarat</li> <li>n. Zardozi of Uttar Pradesh</li> <li>o. Pipli of Orissa</li> <li>p. Kashida of Kashmir</li> <li>q. Manipuri of Manipur</li> <li>r. Chamba of Himachal Pradesh</li> <li>s. Phulkari of Punjab</li> <li>t. Kasuti of Karnataka</li> </ul> <p>Study and practice of popular Embroideries of the countries other than India.</p>	SMR	20		
		FAD 210	<p>Theme based assignment on designing using Coreldraw , Adobe Photoshop and Flash-I and II softwares.Introduction to Auto CAD; drawing of simple objects in scale using Auto CAD; design of components and assembling layout of a factory shed; design and drawing of three dimensional objects; use of different Auto CAD tools.</p>	PS	15		

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APRIL 2020 TO JUNE 2020	2 <sup>ND</sup>	FAD 201	Introduction to CAD Software for designing and drawing of any object with specific shape and dimension. CAD – tools and their uses. Working with art work, scanning, colour fill up, colour reduction, editing and clearing of drawn image using CAD software. Preparation of colour effects on different designs. Two-dimensional and three-dimensional drawing. Use of Auto – CAD and textile design CAD for drawing	PS	15		
		FAD 202	Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's and women's casual wear, party wear, beachwear and sports wear.	PS	20		
		FAD 203	Garment finishing and packaging : Methods and techniques used. Need, category of garment and its production and processing, equipment and methods, permanent press, pleating, folding, packaging of garments.	SMR	15		
		FAD 204	Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines. Weft (hand knitting): stockinet or jersey stitch; rib stitch and circular knitting; machine knitting – single knit, double knit and circular knit.Warp knitting: tricot, raschel, simplex and Milanese; different knitting designs.	SM	15		
		FAD 205	Special Fabric Manufacture and their processing.Process for manufacturing of crochet, Net, Lace, Braids, Bonded, Laminated and other special and narrow fabric and their properties and uses	SM	PS		
		FAD 206	Consumer Protection:Marketing of fashionable garments International Marketing and export formalities:Visual merchandising (VM)	SMR	15		
		FAD 207	Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari-blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants etc.	PS	20		



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APRIL 2020 TO JUNE 2020	2 <sup>ND</sup>	FAD 208	Sewing of few garments and their finishing such as manufacture of casual trouser, payjama, 4 and 6 panel sari- petticoat; salwar kameez, churidar, and women's princess line kurta, kalidar kurta, nightie/ dressing gown, womens' shirt, top and skirt, men's shirt and pants, etc	PS	20		
		FAD 209	Creation of surface ornamentation and establishment by Miscellaneous Methods of Surface Ornamentation: Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc. Accessories Design: designing of Jewelry footwear, hats and headgears, gloves, hair – styling, bags and purses, etc matching and befitting with style, design and colour of the garment.	SMR	20		
		FAD 210	Manual and computer aided practice of use of different forms of basic elements of design i.e. points, straight lines, curved lines, geometric shapes, figures, abstract art and their positioning and resizing and colouring; working on a particular theme / story; mood – board for designing of components of different simple garments for wearing in different occasion/ situation/places Use of CAD for basic woven design of textile and basic garment design and draping and texture mapping etc.	PS	20		

**LESSON PLAN OF 3<sup>RD</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2019  TO  SEPTEMBER 2019	3 <sup>RD</sup>	FAD 301	Ethics: Human ethics, Professional ethics, the values of ethics, ethics and emotions, Human Values: Values Ecology:	SMR	15		
		FAD 302	Preparatory processes for different textile fabrics before dyeing and printing: Dyeing:	SM	15		
		FAD 303	Garment Sizing: Grading: Grading of Patterns to Various Sizes: Application of computer in garment sizing and size standardization. Sizing of different components	SMR	20		
		FAD 304	Critical analysis of process stages for manufacture of garments in industry. Designing of garment based on different design ideas & sources, selection of fabrics/accessories and trimming. Market survey, design analysis, design creation and surface ornamentation. Analysis of historical costumes of India and other countries,				
		FAD 305	Entrepreneurship Development: Concept and social context for entrepreneurship development. Business environment for the Entrepreneur: Government role and regulation in business:	SMR	15		
		FAD 306	Introduction to Auto - CAD/ CAM Software and its utility, Function of CAD/ CAM software, Introduction to Tuka Studio or Nedgraphics software for developing textile print design and repeats. Fundamentals of computer aided tools	PS	15		
		FAD 307	Desizing of cotton fabric Scouring of cotton fabric Bleaching different fibres, yarns and fabrics, weight reduction of polyesters	SM	10		
		FAD 308	Practical Garment design based on theme Rendering: Designing and developing a line of garment based on a particular theme Computer aided textile design and garment design. Garment designing and draping with rendering.	PS	20		

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OCTOBER 2019 TO DECEMBER 2019	3 <sup>RD</sup>	FAD 301	Environmental Studies: Environment and public health:Fuel and energy management Eco-friendly textiles and processes Textile mill's effluent (water pollutant in wastewater) and need of its treatment before discharge. Reuse of water and water conservation. Waste water sampling and analysis. Basic processes for waste water treatment and recovery of material from wastewater.	SMR	20		
		FAD 302	Printing : Different styles of printing:Different methods of printing: block Brief idea about the printing tables .Printing with different dyes and pigments. Process of printing and print fixation method.	SM	20		
		FAD 303	Introduction to Draping of garments and preparation of an adhesive dress-form. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components. Draping a basic skit with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt) Draping Collars	SMR	20		
		FAD 304	Testing and technical analysis of garments and accessories: Standards and test methods of seam strength resistance to snagging, washability and colour fastness, efficiency of detergent, stability to heat / light / fuming / steaming, button pull out test, test of balance, fit and measurement etc., test of fibre content and blends analysis, test of draping, dimensional stability etc. Testing of trimmings and garment accessories. Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment.	SMR	20		
		FAD 305	Launching and Survival of business,Market survey, Project preparation and Business communication	SMR	10		
		FAD 306	Colour Science and Computer Aided Colour Measurement and Matching:Preparation of colour database for textile dyes. Special representation of colours, lines and knowledge to use different material and media in art, craft and textile design work through use of computer aided tools and software.Computer aided print designs using printex or nedgraphics software using vector and raster tools of specialized computer aided print design software.	SMR	15		

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OCTOBER 2019 TO DECEMBER 2019	3 <sup>RD</sup>	FAD 307	Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing.	SM	15		
		FAD 308	Garment designing and draping with rendering. Rendering on the croqui using different colour media along with pencils; Rendering detailed limbs and face drawings on the croqui Designing of different necklines such as round neckline, square neckline, V neckline etc. Designing of different sleeves like puff sleeve, raglan sleeve, kimono sleeve etc. Designing of different skirts like pleated skirt, gathered skirt, gored skirt, skirt with yoke, skirt with waist band; ethnic and western pockets, drapes, folds and gathers, frills, flounces, bias cuts.	SMR	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2020 TO MARCH 2020	3 <sup>RD</sup>	FAD 301	Introduction to quality concept: Definition and concept of quality, product specifications and standards. Sampling: Sampling technique and random sampling procedures. Quality Assurance: Statistical Quality Control: Total Quality Management: ISO 9000 (ISO-9001-2000) & ISO 14000	SMR	20		
		FAD 302	Aesthetic and Functional Finishing: Calendaring and pre-shrinking, Softening and stiffening, Crease resistance or wrinkle recovery finishes, Water repellent finishes and water proofing, Antimicrobial / rot resistance finishes, Flame retardant / flame proof finishes of cellulosic textiles, Bio polishing of cotton, Enzyme washes - Vs - stone wash of cotton denim / jeans Soil release / stain resistance finishes, Antistatic finishes, UV Protection finishes of synthetic textiles and Silky finish of polyester (weight reduction of polyester). Weighting of silk fabrics, Scroopy - Finish of silk fabrics.	SM	20		
		FAD 303	Fashion Illustration, Illustrations of Garments & garment design details, Fashion Illustrations details	SMR	20		
		FAD 304	Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment. Critical factors for fashion life cycle analysis and forecast. Color forecast and its importance, seasonal demands and variations in design of garments. International garment business and its trend analysis. Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Specific garment processing machines and their working.	SMR	20		
		FAD 305	Financial Management, Sources of finance, Investment decision, public and government borrowings. Working capital, bank funding, calculative risks, financial planning and control, inventory control and purchase technique, marketing link and sales promotion measures. Cost-Vs-revenue and profit. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account. Financial statement analysis, Financial indicators and ratios. Profit volume ratio. Break-even analysis. Accounting ratios. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	SMR	15		
		FAD 306	2D & 3D Computer aided pattern making (Using TUKA – CAD / GERBER / LECTRA Technology). Computer aided pattern making, marker planning, sizing, grading and draping of garments for different types of men/women/children wear. Computer aided Fashion illustration techniques, using fashion illustration software.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2020 TO MARCH 2020	3 <sup>RD</sup>	FAD 307	Mercerizing of cotton, degumming of silk and scouring of wool. Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing	SM	20		
		FAD 308	Fashion Illustration Practical for Garments, Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways. Illustration of different men, women and children wearing practice..	SMR	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2020 TO JUNE 2020	3 <sup>RD</sup>	FAD 301	Apparel Production and quality control: Work study, time and motion study and line – balancing / assembly line layout, optimization of space and infrastructure (Plant lay - out), utilization of maximum available machine hour and man-hour, reduction of idle time, Production bottlenecks. Specification of garments Quality Control and Cost:	SMR	20		
		FAD 302	Decatizing of woolen and silk goods, Shrink proofing of woolen goods, Milling of woolen goods etc. Special finishing like chemolonic, costume/ fragrance, thermotropic, chromotropic and other smart polymeric finishes Fault free finishes on textiles and garments	SM	20		
		FAD 303	Garment Design and Analysis: Elements of Textile Design: forms, balance, rhythm, symmetry, colours, relation of colour with fashion. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour, application of fashion analysis (fashion elements, and market research, fashion awareness and combination of factors in fashion / design selection). Identification and forecast of colour and fashion preferences and search of fashion elements for visual merchandising of garments.	SMR	20		
		FAD 304	Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Softening of garments by different methods: Garment washing, Different types of garment finishing	SM	20		
		FAD 305	<u>Costing</u> : Principles and object of costing. Different method of costing. Cost–Vs.-pricing. Revenue generation. Manufacturing cost-control techniques. Cost reduction approaches in garment manufacturing industry. Factor affecting cost and pricing. Cost-volume-profit analysis (yarn and fabrics). Costing applicable for textile product / and garments etc. Analysis of fund flow, cash flow.	SMR	15		
		FAD 306	Use of computer for Fashion cycle, fashion forecasting, fashion marketing. Role of designers in creating fashionable garments & its merchandising .Study of different computer software for textile weaving design. Preparation of Checks and Stripes or dobby designs using computer aided weaving CAD module. Computer aided print design preparation for surface embellishment and decoration. Computer aided garment designing: Preparation of Basic block, Skirt Block, Trouser Block using the Pattern Drafting by Tuka-CAD Software. Pattern Drafting of Skirt variations and shirt patterns.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2020 TO JUNE 2020	3 <sup>RD</sup>	FAD 307	Chemical Finishing: Application of common finishes such as softening agent, stiffening agent, optical brighteners, bleaching agent, etc. on cotton and other textiles and garments and their evaluation. Application of anti-crease, water repellent /water proof, flame retardant and rot resistant finishes on cotton and other textiles and garments. Application of anti-static and soil release finishes on synthetic textiles and garments. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc. Evaluation of important functional properties of textiles and garments before and after different finishing	SM	20		
		FAD 308	Portfolio Preparation and Presentation: Techniques of systematic developing, designing and filing the design work of a line of garment based on particular theme, purpose and targeted customer as portfolio – with specification sheets sketches of draping, illustration and cost structure and with sample of actual garment and its photograph etc. Different types of portfolio presentation and their uses. Organizing portfolio for sales of design work and fashion marketing.	PS	20		
		FAD 309	Assignment during internship on textile design collection and garment designing and sewing, to get 1 <sup>st</sup> hand knowledge on textile fabric design development and garment design related to fashion design and garment designing on specific themes. Assignment to understand the role of textile and garment designers and to understand different market sectors, production methods and related construction of fabrics and garments Design Project and portfolio Preparation:	SMR	1 MONTH INTERNSHIP  TRAINING		
		FAD 310	Each student shall be required to carry out under supervision of one or more teacher or teachers as guide and/or co-guide , by carrying out an original investigation work on any problem related to textile processing or garment production / finishing / design, marketing etc. related to his/her studies. Each student shall submit three copies of typed written and bound dissertation embodying the survey, questionnaires/photographs/design work or experimental work and results of their investigation along with analysis and collected designs with specification sheets and other details of the product development / other work done.	PS  SM  SMR	3 MONTHS TRAINING		



## LESSON PLAN UNDER CBCS SYSTEM FOR BFAD (HONS) DEGREE COURSE

<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/I/CC1  Theory	1. Fundamental concepts of fibre	4	SM
	2, Introduction to natural fibres- Composition, Physical and Chemical structure, Chemistry, Properties and Uses of following Natural Fibres	8	
	3. Introduction to man-made fibres	2	
	4. Introduction to Yarns	2	
	5. Objectives of blow room, carding, drawing and spinning, yarn twisting.	4	
	6. Different types of fancy yarns production, Sewing Thread	4	
	7. Yarn Preparatory	4	
Practical	1. Testing of fibres	6	SM
	2. Yarn Testing	6	
FAD/A/I/CC2  Theory	1.Introduction of patterns: Need of pattern making.	2	PS
	2. Introduction to technical skills in pattern making and garment production	2	
	3. Study on different types of stylelines used in garments	2	
	4. Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts	6	
	5. Necklines and Plackets:	4	
	6. Collars and Facings, Sleeves and Pockets	4	
	7. Introduction to sewing	6	
Practical	1. 1. Principles of pattern drafting through block construction and dart manipulation:	6	PS
	2. Temporary and permanent hand stitches, plain seam, flat seam and ridge seams, Variation in pleats, darts, tucks, gathers and facings	6	
	3. Drafting of pattern for Skirt	6	
	4. shirts, trousers, kameez, salwar, churidar and jacket.	6	
FAD/A/I/AECC1  Theory	1. Grammar: noun, pronoun, adjective, verb, adverb, conjunctions, preposition, tense, voice, articles, phrases and clauses	2	AG
	2. Communication skills	4	
	3. Reading skill, writing skill and listening skill	4	
	4. Dialogue writing, drafting job application, notices, Correspondence	4	
	5. Preparation of bibliography, Project Report: Preparation of Project Reports	4	
	6. Preparation of curriculam vitae (Bio-data/ Resume). Writing application for jobs, reporting to news paper for any incident etc.	4	

<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/I/GE1  Theory	1. Different sources of inspirations for textile design: designs from Indian Mythology, motifs, sculpture, civil art, nature, aquatic life, ornaments	4	SM
	2. Concept of designs of Textiles in designing Textile Fabrics and apparels for different end-use purposes for different class of people and age.	4	
	3. Positioning of motifs and idea of repeats in design. Design development in different forms	4	
	4. Basics of woven design of Textiles, weaving in handlooms,	4	
	5. Textile designing by Tie-dye and Printing of Textiles		
	6. Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.	4	
Practical	1. Placement and Repeats of design blocks in different ways and means on paper sheet.	2	SM
	2. Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design.,	4	
	3. Woven design development in sample forms- plain, twill, checks, stripes etc	8	
FAD/A/I/GE2  Theory	1. Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman.	2	SMR
	2. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes	3	
	3. History of Indian and Western costumes:	2	
	4. History of Fashion: elements of fashion; Western and Indian traditional textiles and fashion relationship	2	
	5. Study on Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, et	4	
	6. Study on development of various craft work of different States of India and Woven Textiles	4	
Practical	1. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics	2	SMR
	2. Creation of Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	4	
	3. Accessories Design	4	
FAD/A/I/GE3  Theory	1. Visual Arts: Observing and recording of information through various kinds of drawings	2	SRC
	2. Design Studio and its utility in garment design	2	
	3. Definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour	2	
	4. Principles of Design, elements of design	2	
	5. Colour: importance, primary, secondary and tertiary colours, colour harmony complimentary colours.	2	
Practical	1. Basic design drawing in scale and use of Different Drawing Media	2	SRC
	2. Design development: growth of motif, enlarging and reducing a motif, placement for all over pattern. Colour: colour wheel	2	
	3. Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles	2	
	4. Visualization of garments and dress forms from various angles and perspective with accessories	2	
	5. Use of new media services, web – information, multimedia design studio and design communication, Visual illustration of textile art and fashion	2	

<b>Semester II(January to June)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/II/CC3 Theory	1. Fundamentals of weaving, Principles of working of looms (hand looms and power looms), primary and secondary motion of looms and their functions.	4	<b>SM</b>
	2. Analysis of basic weaves; Plain and twills, Checks and Stripes, colour and weave interaction, derivatives of basic weaves; Satin and sateen weave, dobby, jacquard, pile weave including cut and uncut pile, Representation of simple weaves on graph paper with drafting plan.	8	
	3. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks,	6	
	4. Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines.	4	
	5. Principles of forming non-woven fabrics. Different techniques and mechanism of non-woven fabric formation. Properties of non-woven fabrics	2	
Practical	1. Fabric identification and design analysis. Fabric specifications of some common fabrics	5	<b>SM</b>
	2. Fabric identification of different woven and knitted sample	5	
	3. Collection of fabric sample and analysis of the same for file work	5	
FAD/A/II/CC4 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts, frock, Kameez, salwar etc	2	<b>PS</b>
	2. fundamental concepts of garment styling, designing and drawing (flat sketch), pattern making, marker planning, cutting, sewing and finishing	4	
	3. Different types of seams, different stitches, code of stitches and stitch numbers. Details of different types of industrial and domestic sewing machines and feed mechanism, sewing needles and its specifications, sewing threads; types and requirements. Sewing problems.	4	
Practical	1. Development of various types of seams, pleats and their application in garment	4	<b>PS</b>
	2. Practise on Dart Manipulation	4	
	3. Development of different garments and decorative samples with surface embellishment.	4	
	4. Practise on Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari- blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants and coat (suit), ladies-salwar/churidar and kameez etc	8	
FAD/A/II/SEC -A Theory	1. Components of Computer; Peripherals; Hardware and Software; History of Computer from 1st Generation to Present.	2	<b>PS</b>
	2. Introduction to MS Word	2	
	3. Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images.	2	
	4. Fundamentals of CAD Software and its use:	2	
	5. Introduction to different operation systems for effective use of the followings: Inserting Objects, hyperlink and Placing Tables:	2	
	5. Introduction to Corel draw& Photoshop	2	
FAD/A/II/GE- 4 Theory	1. Definition of fashion and fashion life cycle, consumer and fashion relationship. Creative fashion and Fashion season. Style and fashion survey and forecasting.	2	<b>SMR</b>
	2. Fashion illustration and various mediums used in fashion illustration	2	
	3. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 heads.	2	
	4. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend	2	
	5. Rendering of fabrics and its different techniques	2	
	6. Different presentation techniques of various wears of children, women and men.	2	

Practical	1.Designing and developing a line of garment based on a particular theme (beachwear; swimwear; casual wear; sportswear; nightwear; cocktail wear; eveningwear; ramp wear; executive wear; traditional Indian costume of different states and their variations in design.	4	<b>SRC</b>
	2. Garment designing and draping with rendering.	4	
	3. Fashion Illustration Practical for Garments.	4	
	4. Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways	4	
FAD/A/II/GE-5	1. Origin of fashion Accessories. Introduction to various fashion accessories.	2	<b>SMR</b>
	2. History of fashion accessories like jewellery,belts, shoes, footwear, hats, caps, bags	8	
	3. Study on the principles of design of Fashion accessories and the problems in designing fashion accessories.	2	
	4. Study of development of decorative and fashionable footwear	2	
Practical	1. Creation of various types of bags using various types of raw materials like fabric, cord, beads, plastic mat, leather. etc	2	<b>SMR</b>
	2. Creation of various types of hats and caps by using various raw materials.	2	
	3. Deigning of shoes	2	
	4. Design development of various types of jewellery	2	
FAD/A/II/GE-6 Theory	1. Entrepreneurship: Definition and motivational characteristics importance women's Entrepreneurship in the Indian Economy. Scope of Entrepreneurship in garment and textile sector. Role of technical and managerial knowledge for entrepreneurship development.	4	<b>SM</b>
	2. Business environment for the Entrepreneur: Government of India's policy towards promotion of Entrepreneurship, reservation and sanctions for small-scale sector, medium scale sector and large-scale sector. Importance of business communication procedures	4	
	3. Governmental regulation and reviews in business, legal matters – licenses, registration, etc.	4	
	4. Launching and Survival of business	2	
	5. Market survey, Project preparation and Business communication: Knowledge and skills for market survey and research. Importance of business communication. Elements of project preparation: Principles, procedure, formatting and formulation of project proposal, budget estimate	6	
Practical	1. Assignment to Develop a project proposal for setting up a yarn making and woven garment factory	5	<b>SM</b>
	2. Assignment to Develop a project proposal for setting up an apparel manufacturing or textile manufacturing factory	5	
	3. Project preparation for establishing a dye house or printing factory or knitting factory.	5	

<b>Semester III(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/III/CC5 Theory	1. Preparatory processes for different textile fabrics before dyeing and printing: Desizing, scouring, bleaching and drying of textiles from natural, man-made fibres and their blends. Mercerisation of cotton, woolenisation of jute, degumming of silk, and scouring of raw wool.	<b>6</b>	<b>SM</b>
	2. Dyeing: Classification of dyes, Chemical constitution and colour of dyes. General theory of dyeing and application of direct, acid, vat, reactive, disperse, azo dyes on cotton, wool, jute, silk and synthetic fibres using standard method	<b>6</b>	
	3. Colour Science: Colour measuring parameters and colour communication. Colour matching manual and computer – aided. Test of colour fastness to wash, light, rubbing, perspiration and heat etc	<b>6</b>	
Practical	1. Preparatory Finishing: Desizing, Scouring, Bleaching	<b>5</b>	<b>SM</b>
	2. Dyeing of cotton using Direct dye and Reactive dye	<b>5</b>	
	3. Woolenisation of Jute yarn	<b>2</b>	
FAD/A/III/CC6 Theory	1. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance.	<b>2</b>	<b>SMR</b>
	2. Embroideries of different states in India.	<b>6</b>	
	3. Dyed, Painted and Printed Traditional Textiles of India.	<b>4</b>	
Practical	Creation and Practice of Surface Ornamentation through stitching/ surface embellishment/ trimmings and tie-dye and Printing & Painting: Block, stencil, spray, screen, discharge, hand painting on fabric	<b>4</b>	<b>SMR</b>
	2. Practice of different Traditional Embroideries of India	<b>8</b>	
	3. Creation of surface ornamentation like Quilting, sarawski patchwork, jariwork, and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	<b>6</b>	
FAD/A/III/CC7 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts frock etc	<b>2</b>	<b>PS</b>
	2. Study of basis of garment construction and pattern making for children, men and women's wear for woven fabrics and knitted fabrics.	<b>2</b>	
	3. . Casual jacket and sloper construction. Development of style and designing of men's garments with variations in collars, sleeves, pleats, pockets, darts, gathers etc,	<b>4</b>	
	4. Drafting Women's top or shirt, trouser, skirt, salwar-kameez with variations and manipulation of design element having balance and fit.	<b>4</b>	
	5. Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's .and women's casual wear	<b>4</b>	
Practical	1. Pattern making of fashionable ladies wear	<b>4</b>	<b>PS</b>
	2. Pattern making for men's wear	<b>4</b>	
	3. Cutting, laying and stitching of garments for ladies and gents wear for different seasons and occasion.	<b>4</b>	
FAD/A/III/AECC2 Theory	1. Fundamentals of environment, ecology, environmental pollution	<b>4</b>	<b>SM</b>
	2. Natural resource management. sustainable development.	<b>4</b>	
	3. Eco system, earth science, geological hazards, earth resources, water resources	<b>4</b>	
	4. Environmental management in industries .	<b>4</b>	

			<b>SMR</b>
FAD/A/III/GE-7 Theory	1. Marketing Management	2	
	2. Textile Merchandising and Visual merchandising	2	
	3. Costing and Pricing	2	
	4. Quality control in textile merchandising quality assurance and customers satisfaction	2	
	5. Retail fashion merchandising	2	
	6. Fashion Marketing, Fashion forecasting	2	
	7. International Marketing and export formalities	2	
Practical	1. Assignment on Development of project for visual merchandising of specific product by drawing and planning	4	<b>SMR</b>
	2. Assignment of Development of a store house/ display house with proper illumination and application of light in visual merchandising concept	4	
	3. Assignment or survey for supplychain management for retail and E-tail marketing	4	
	4. Market survey and fashion photography and their critical analysis.	4	
FAD/A/III/GE-8 Theory	1. Sources of finance, Investment decision, public and government borrowings.	2	
	2. Working capital, bank funding, calculative risks, financial planning and control,	2	
	3. Cost-Vs-revenue and profit.	2	
	4. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	2	
	5. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account.	2	
Practical	1. Assignment for Preparation of budget for a garment company for the current financial year	2	
	2. Assignment for Preparation of cost sheet of garments and its pricing	2	
	3. Assignment of Project planning in terms of cashflow for setting up a textile or garment industry.	2	
		2	

<b>Semester IV (January to June)</b>			
Name of The Paper	Topics to be Covered	No. of Lectures	Name of the Teacher
FAD/A/IV/CC8  Theory	1. Different styles of printing: direct, resist, discharge, flock and transfer printing. Different methods of printing: block, stencil, roller, screen and rotary screen printing.	4	SM
	2. Process of printing and print fixation method.	4	
	3. Aesthetic and Functional Finishing	4	
	4. Special finishing like chemolonic, costume/ fragrance, thermo-tropic, chromotropic and other smart polymeric finishes	4	
Practical	1. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing	4	SM
	2. Application of common finishes such as softening agent, stiffening agent, optical brighteners,	4	
	3. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc.	4	
FAD/A/IV/CC9  Theory	1. Fundamental knowledge of Illustration.	2	SMR
	2. Fashion illustrations of Garments & garment design details	6	
	3. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour	2	
	4. Development of conceptual thinking and visual identity, designing creatively for a number of customers, functions and markets, implementation of visual rendering in the patterns and development of textile fabrics and garments	4	
Practical	1. Comparative study between the various materials while developing individual themes; personal investigation and experimentation of different materials.	2	SRC
	2. designing of various types of dresses like formal, casual, semi-formal, leisure by line sketch	4	
	3. figure studying with different styles, hand, feet, hairstyles, face etc. Rendering and types of rendering	4	
	4. Spatial representation through colour and line	4	
FAD/A/IV/CC10  Theory	1. Garment Sizing: Sizing of garments in different countries, principles of sizing and development of size chart	4	PS
	2. Grading of Patterns to Various Sizes.	4	
	3. Sizing of different components of men's, women's and children wear.	4	
	4. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components	4	
	5. Draping Collars and sleeves.	4	
	6. Draping a basic skirt with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt)	4	
Practical	1. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and stylelines neckline	4	PS
	2. Draping a basic skirt with its variation	4	
	3. Draping Collars and sleeves	4	
FAD/A/IV/SEC-B	1. Introduction to Event Management- types, categories, sports, rallies, wedding, Fashion corporate events.	2	SMR
	2. Principles of event management, key roles, fashion show, fairs and trade show, product launch.	2	
	3. Role of event co-ordinator, administration, marketing, operations, risks etc.	2	
	4. Preshow marketing and post event follow up.	2	
	5. Licenses and permission obtained, Risk management for prevention of hazards, security for people and merchandise.	2	
	6. Event planning, costing and man power planning.	2	

FAD/A/IV/GE-9 Theory	1. Fashion Journalism	2	<b>SMR</b>
	2. Elements of reporting on fashion events and shows in journals and dailies highlighting fashion forecast, creativity and inspiration of designers with	2	
	3. Fashion Photography	4	
	4. Fashion communication	4	
Practical	1. Learning to do fashion photography	2	<b>SMR</b>
	2. Learning about various ways of fashion communication	2	
	3. Preparation of small video recording on fashion show and reporting on the same and do critical analysis	2	
FAD/A/IV/GE-10	1. Human Resource Management, leadership, human resource planning and selection policy.	6	<b>SM</b>
	2. Performance appraisal	4	
	3. Human resource development and staffing.	4	
	4. Business organization and communicative skill	4	
	5. Organisational decisions, employee development and managerial skill.	4	
Practical	1. Assignment on development of organizational structure of garment industry and planning the personnel management	6	<b>SM</b>
	2. Assignment on preparing a project report on the staff selection process and training of personnel.	6	



**RANI BIRLA GIRLS' COLLEGE**

**38, SHAKESPEARE SARANI**

**KOLKATA-700017**

*Criterion: 1*

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Index Number: 1.1

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SUBTITLE: LESSON PLAN

DEPARTMENT: FASHION AND APPAREL DESIGN

YEAR: 2020-21

**LESSON PLAN OF 1<sup>ST</sup> YEAR OF B.F.A.D. DEGREE COURSE UNDER PART SYSTEM**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2020 TO SEPTEMBER 2020	1 <sup>ST</sup>	FAD 101	Grammar: noun, pronoun, adjective, verb, adverb, tense, voice, article, clause, parts of speech, preposition, punctuation, and capitalization, Transformation of Sentences.	AG	16		
			Communication skills: What is communication? Function and purpose of communication, process of communication, models of communication, noise and barriers to communication. Types of communication: oral, written, non- verbal. Brief narrating/reporting incidents/ happenings/ accident, etc.				
		FAD 102	Introduction: definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour.	SRC	2		
			Principles of Design: Concept and Concern. History of art, craft and Designs, Definition of Design. Different Forms of Design and its purposes. Rules of Design Development: Elements of Design, Design Structures and Sources of Design for Drawing of Designs. Definition of fashion and fashion cycle and fashion seasons. Designing and stylizing of garments and design of accessories: Impact of light and shadow effect in garment design, rendering of fabric design, application of stylization in garment designing	SMR	24		
		FAD 103	Fundamental concepts of fibre, Basic requirements of a polymer to be suitable for forming textile fibres, essential characteristics of a textile fibre, classification of textile fibres, essential properties (physical and chemical)- of a textile fibre-their terms and definition. Concept of fibre structure Degree of order and Crystallinity, degree of orientation, structure property relationship. Fine and Gross Fibre structure of Viscose, Cotton wool, silk, jute, acrylics, nylon, polyester and other fibres and their properties.	SM	16		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2020 TO SEPTEMBER 2020	1 <sup>st</sup>	FAD 104	Introduction to yarn and fabric dimension, property parameters, construction, types and specification of textile yarn and fabrics. General flow chart for yarn manufacture and fabric manufacture for understanding and acquaintance with mechanical processing of textiles. Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts.	SM	10		
		FAD 105	Brief history of Indian textiles from ancient times to the present. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance. Design status of costumes of different states of India and their specialty for men, women and children of respective states. Study of the textiles, costumes and surface ornamentation of all Indian states Woven Textiles	SMR	20		
		FAD 106	Introduction of patterns: Need of pattern making. Tools and materials used for pattern making and terminologies used in pattern making, symbols used in pattern making. Introduction to technical skills in pattern making and garment production. Figure Measurement: general principles, taking direct measurements. Fundamental pattern construction processes and applying these to produce garments	SMR	12		
		FAD 107	What is Computer? Components of Computer; Peripherals; Hardware and Software; History of Computer from 1 <sup>st</sup> Generation to Present. MS Windows: What is Windows? General features of MS Windows; GUI-Graphical User Interface; Multitasking; WYSIWYG-What You See is What You Get; Special features of MS Windows; parts of MS Windows; screen, types of windows; shutting down windows, Windows Explorer; working with folders; using recycle bin. Control Panel: Introduction to Control Panel; starting with the Control Panel; Control Panel: display, background properties, screen saver properties, appearance properties, mouse properties, button configuration, double-click speed.	PS	12		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2020 TO SEPTEMBER 2020	1 <sup>ST</sup>	FAD 108	Basic design drawing in scale and use of Different Drawing Media: Scaled Drawing as an aid to design; Writing Alphabets and different elemental unit of design in specific dimension and shapes, concepts of proportion – balance of proportion, rhythm of proportion etc. Observation and implementation of manual on the drawings using different pencils 2B, 4B, 6B, charcoals, different types of pencil colours and water colours; usage of different pencil and water colours; making light and deep shades, use of computer for drawing of design. Basic Designing and Sketching (on paper sheet):	SRC	24		
		FAD 109	Drawing of patterns for different garment with standard measurement at proportions with desired fit and allowances. Principles of block drafting and design manipulation and accordingly pattern drawing. Standard body measurement and pattern making for basic bodice block and few simple children and adults' garments. Making Paper Pattern of the following garment components in ½ Scale and also making samples of the following garment components: - Collars: convertible, mandarin, wing, peter pan, sailor, bertha, shirt collar, notched collar, shawl collar and its variations Necklines: V-neck, square neck, sweetheart, raised necklines, scooped necklines, boat, cowl. Variations in necklines. Sleeves: puff, flared, balloon, leg-o-mutton, cap, cowl, bishop, short, lantern, circular, kimono, raglan. Variations in Sleeves. Pockets (inset pocket; patch pocket and in-seam pocket.), Waistbands & Plackets with different variations.	PS	32		
		FAD 110	Textile Testing, Fibre Testing: Staple length / fineness (denier), Crimp etc. Testing of Strength, elongation, shrinkage of fibres. Yarn Testing: count, denier, twist, crimp and crimp rigidity, elongation.	SM	30		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2020 TO DECEMBER 2020	1 <sup>st</sup>	FAD 101	Reading skills: What is reading? Purpose of reading, types of reading: skimming, scanning, extensive reading, intensive reading, and loud and silent reading, Listening skills: What is listening? Types of listening: casual listening, focused listening, hearing and listening. Purpose of listening: material to be recorded, acquiring information. Semantic markers, using abbreviations, taking dictations. Writing skills: What is a sentence? Subject and predicate, phrase and clause, parts of speech, types of sentence: simple, compound, complex, writing paragraphs, summary writing, linkage and cohesion, linkers in paragraphs, structure of writing, spell check and conversion of long sentences to small sentences. Correspondence: What is correspondence? Letter writing, general and official correspondence, writing resume, comprehension, précis writing, essay writing	AG	21		
		FAD 102	Design development by various ways: rotation, brick effect, mirror effect, step drop effect, half drop effect, pillar effect, batik technique, tie and dye technique, spray technique. Visual Arts: Observing and recording of information through various kinds of drawings. Design Studio and its utility in garment design:	SRC	16		
		FAD 103	Composition, Physical and Chemical structure, Chemistry, Properties and Uses of Natural Fibres <ul style="list-style-type: none"> <li>• Cotton: a natural cellulose fibre.</li> <li>• Jute, Flax, Ramie: natural lignocellulosic fibres</li> <li>• Wool and Hairs: natural protein fibres</li> <li>• Silk: natural protein fibre</li> </ul> Minor Natural Fibres: vegetable (Banana, Sisal, Coir, Pineapple, Bamboo)	SM	16		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2020 TO DECEMBER 2020	1 <sup>ST</sup>	FAD 104	Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts. Objectives of blow room, carding, drawing and spinning, yarn twisting. Flow chart for production of various yarns in different spinning systems, yarn twist, twist factor and yarn properties. Influences of process parameters on yarn properties. Different types of fancy yarns production, textured yarns and flat filament yarns and their properties. Sewing threads: types, requirements and properties.	SM	22		
		FAD 105	Embroideries, Dyed, Painted and Printed Traditional Textiles of India: Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era influenced by theatres, films, entertainment business, magazines, TV and cultural heritage.	SMR	22		
		FAD 106	Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts. Basic ideas on proportions, balance and fit for drawing and preparing pattern Principles of pattern drafting through block construction and dart manipulations for different men, women and children wear. Necklines and Plackets: terminology, classification and different types of necklines and plackets. Variations in necklines and plackets. Collars and Facings: terminology, classification, various types of collars such as convertible, mandarin, wing, role, peter pan, sailor, shawl, notch, bishop, Chinese, ruffle mandarin, shirt. Variations in collars and facings. Sleeves, pockets	SMR	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2020 TO DECEMBER 2020	1 <sup>ST</sup>	FAD 107	Introduction to MS Word: starting with Word; parts of MS Word screen; starting a new document; navigating the document; file handling; editing the text; formatting the text. Making familiarize with Computer. Components of Computer, Hardware and Software; Starting and Shutting down of Computer; Familiarization with PC, including Micro Computer and its accessories for effective use. Introduction to different operation systems Mail Merge, Views, Printing and Creating Styles: Mail Merge; Views; Ruler; Zooming; Summary information; Print setup and Print	PS	18		
		FAD 108	Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles Placement and Repeats of design blocks in different ways and means on paper sheet Placement and Repeats of design blocks in different ways and means on paper sheet	SRC	26		
		FAD 109	Practical working in sewing machine, Understanding different parts of sewing machine and their functions. Practical Work on Disposal of Fullness on garment pieces:	PS	16		
		FAD 110	Fabric Design Analysis and weaving designs: Practical understanding of creating fabric designs on looms Design Analysis for of the weave and construction of different textile fabrics. Weaving plain (with colour interaction), twill (with colour interaction) and checks and stripes fabric, samples on hobby looms	SM	20		

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JANUARY 2021 TO MARCH 2021	1 <sup>ST</sup>	FAD 101	Dialogue writing, writing of job application, notices, advertisements for classified columns.Preparation of bibliography: What is bibliography? Types of bibliography, rules for bibliographic page, footnotes and endnotes; reporting	AG	18		
		FAD 102	Introduction to Fashion: Definition of fashion and fashion illustration and various mediums used in fashion illustration life cycle, consumer and fashion relationship. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 headsFlat drawings: different types of flat drawing and their usages. Model draping: definition and usages. Figure analysis, proportion and disproportion of human figure, different types of figures for both men and women	SMR	18		
		FAD 103	INTRODUCTION TO MAN-MADE FIBRES , Manufacturing Technology for production of synthetic fibres, Manufacture, Chemistry, Properties and Uses of common manmade fibres - Study of different types of natural and synthetic fibres with special reference to their end-uses	SM	18		
		FAD 104	Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.Yarn Preparatory: Yarn preparation for weaving, quality of warp and weft yarns. Process of weaving:Weaving design: analysis of basic weaves;	SM	18		
		FAD 105	Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design.Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era History of Indian and Western costumes:	SMR	18		
		FAD 106	Introduction to sewing; Drafting of children garments; Drafting of Skirts: Fullness in garments: Standard size chart Fit analysis of garments, different types of fit, Different style lines and its application in dress making	PS	18		



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JANUARY 2021 TO MARCH 2021	1 <sup>st</sup>	FAD 107	Drawings and Pictures using different softwares: Drawing and shapes; creating shapes, lines, freeform and other drawing objects; formatting drawing objects; managing list; sorting data in a list; filtering; using data forms. Practise with Corel draw / Photoshop and paint for drawing and design	PS	18		
		FAD 108	Colour Schemes: Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design., Design Application: Design suitability for different purposes by design development including different techniques of printing (batik, tie-dye, stencil, roller, block, screen, transfer etc.) applied on fabrics	SRC	18		
		FAD 109	Practice of Finishing of raw edges and facings on garments: Doing of Placket Openings: Even hem placket, continuous wrap opening, two piece placket and kurta placket	PS	18		
		FAD 110	Designing of textile fabrics on graph papers: transfer of graph paper designing to jacquard or doobby (basic weaves). Analysis of design of variety of woven fabrics and knitted fabrics. Analysis and creating design of decorative woven fabric samples: for furnishings wall hanging, tablemats, napkins of different woven designs on a hobby loom and handlooms.	SM	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2021 TO JUNE 2021	1 <sup>ST</sup>	FAD 101	Project Report: preparation of Project Reports /thesis/research paper and its format. Motivation,Effective communication and co-ordination and development of personality. Exploration of meaning, message and information, communicated through art, craft and design work, communication through different media, tools, audiovisual and art & design	AG	17		
		FAD 102	Study of types and techniques of fashion illustration and study of human anatomy. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend. Rendering of fabrics and its different techniques-communication of fashion through silhouettes, colour and style lines	SMR	18		
		FAD 103	TEXTILE TESTING (FIBRE TESTING) Moisture Relations and Testing, Fibre Testing:Fibre Identification;	SM	20		
		FAD 104	Yarn & Fabric Testing	SM	10		
		FAD 105	Historical costumes of India (state-wise):Investigation of historical, contextual and contemporary practices in the fashion industry;History of Fashion: elements of fashion;	SMR	17		
		FAD 106	Flow chart showing the stages of production process Development of size charts and its application in garment making, Different types of sewing machine needles Different types of sewing threads used in garment construction Effect of style lines on appearance. Introduction to the construction and functions of common seam types.	PS	18		
		FAD 107	Practise developing posters, calenders, patterns of garments using various softwares Practise development of various designs suitable for surface ornamentation of textiles including, print design, batik and bandhni design, embroidery design etc.	PS	18		

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APRIL 2021 TO JUNE 2021	1 <sup>st</sup>	FAD 108	Fashion illustration of child, men, women figure with special reference to drawing of face, hand, legs, and different postures, Figure/ Design Analysis : Illustration of fashion accessories and hair styling	SMR	20		
		FAD 109	Preparation of pattern and marker plan, Creation and Practice of Surface Ornamentation through Embroidery, Studies and practice of following Traditional Embroideries of India	PS	20		
		FAD 110	Identification of stain and the techniques of stain removal, Blend analysis of various yarns	SM	15		

**LESSON PLAN OF 2<sup>ND</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2020 TO SEPTEMBER 2020	2 <sup>ND</sup>	FAD 201	What are graphics? Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images. Paint Brush: Corel Draw	PS	14		
		FAD 202	Standard body measurement and pattern making for adult garments: Study of basis of garment construction and pattern making for children, men and women's wear, Introduction to basic process sequences of garment production and each unit operation involved:	PS	20		
		FAD 203	Background of textiles and clothing industry in India and abroad: Planning and layout for garment construction and manufacture processes. . Tailorability, comfortability and hand value of textile fabrics, Sizing, Grading and Pattern making: Marker Planning, Drawing and Reproduction techniques of the marker Spreading of the fabric to form a lay:	SMR	18		
		FAD 204	Yarn Dimension and structure: Fabric Dimension and structure: Weaving Design.	SM	15		
		FAD 205	<b>KNITTING</b> , Problems, prospects and growth of the Indian Knitting Industry: Basic mechanical principles (mechanisms) of knitting technology and structure property relationship of knitted fabrics.	SM	15		
		FAD 206	Introduction of the basic theory of economics, Demand and Supply: Equilibrium of the firm: Market Structure and pricing Production, Consumption and Cost: inputs and outputs,		12		
		FAD 207	Body Measurement ( <i>Correct Method of taking Different Body Measurements</i> ) with correct allowance Construction of Adult's Basic Blocks	PS	15		

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JULY 2020 TO SEPTEMBER 2020	2 <sup>ND</sup>	FAD 208	Introduction to sewing machines; safety regulations, preventive and breakdown maintenance of sewing machines and needles. Running of sewing machines. Demonstration of different types of Sewing Machines, study of its different parts and their functions, care and maintenance of sewing machines. Knowing of sewing threads.	PS	8		
		20FAD 209	Hand and Machine Embroidery Practice in general. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics.	SMR	20		
		FAD 210	Practice to get acquainted with tools of M.S. paint, paint brush; use of various colours and to edit colours. Drawing, copying, scanning and transforming images. Practice to get acquainted with interactive tools of corel draw; import and export of images; resize image. Drawing ,shaping, aligning, editing and grouping and ungrouping images.	PS	15		

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OCTOBER 2020  TO  DECEMBER 2020	2 <sup>ND</sup>	FAD 201	Preparation of Motifs in lattices and placement of different repeats; Photoshop: Flash I and Flash II	PS	18		
		FAD 202	Introduction to basic process sequences of garment production and each unit operation involved Pattern making and marker planning and lay out for some women's occasional wear: lined jacket, katori choli, evening gown, choli-cut sari blouse, House coat, Reversible jacket, women's casual shirt, nightie etc.	PS	18		
		FAD 203	Cutting of the fabrics: Sewing: Different types of seams, different stitches Alternative methods of joining clothing materials- Different other operations and machines used in garment construction	SMR	18		
		FAD 204	Weave notations; plan view and sectional view of cloth; drafting, lifting and pique plan. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks, diamond and diaper, mock leno, ordinary honey comb, brighton honey comb, huck-a-back, crepe, bedford cord. Construction and design of terry pile, corduroy and velveteen, etc. Designing of dobby and jacquard weaving.	SM	20		
		FAD 205	Types of Knitting: Flat-Bed Knitting Machines: Circular Knitting Machines and its working principles.	SM	20		
		FAD 206	Production, Consumption and Cost: inputs National Income: definition & methods of its measurement, Public revenue and Taxation: Savings and Investment: International Business Economics		15		
		FAD 207	Basic Torso Sloper, Basic Sleeve Sloper, Basic Skirt Sloper, Basic Trouser Sloper	PS	15		

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OCTOBER 2020 TO DECEMBER 2020	2 <sup>ND</sup>	FAD 208	Sewing practice on clothes- Hand Stitches Seams	PS	15		
		FAD 209	Studies and practice of following Traditional Embroideries of India	SMR	15		
		FAD 210	Practice to get acquainted with tools of Flash for graphics design and animation; editing graphics and animation; adding movies and sound with text; creating pattern layers.Practice to get acquainted with Abode Photoshop; manipulating colour table; CMYK colour conversion; adjusting hue saturation. Photoshop: Introduction to Photoshop and editing of raster images; Using of toolbox and layers; Understanding image parameters, such as image size, resolution, colour modes, Design editing and manipulation using Adobe Photoshop, Colour correction and rendering 2D images.	PS	15		

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JANUARY 2021 TO MARCH 2021	2 <sup>ND</sup>	FAD 201	Overlays and layers; purpose of overlays and creating of overlays; layers in a scene; inserting layers and stacking order; creating and modifying text.Fundamentals of CAD Software and its use:	PS	15		
		FAD 202	Development of slopers Flat drafting, Adaptation, layout, cutting, sewing	PS	18		
		FAD 203	Flow chart for production of different simple garments from raw material to finishing stage, plant and machinery layout of a garment factory Sampling Department:	SMR	15		
		FAD 204	Design analysis of fabric samples of different types and designs. Construction / specification of common commercial fabrics	SM	15		
		FAD 205	Circular Knitting Machines and its working principles Non-wovens:	SM	15		
		FAD 206	Marketing Management: Textile Merchandising:Costing and Pricing – Quality control in textile merchandising quality assurance and customers satisfaction Reinforcement of pricing policies and sales promotion techniques.	SMR	15		
		FAD 207	Dart Manipulation: shifting of darts, combining darts, dividing darts, concealing darts in yokes and seams lines, converting darts to gathers	PS	10		
		FAD 208	Preparation of pattern,. marker planning; cutting and bundling of different parts of various garments for manufacture of few adults garments as per design and pattern made.	PS	15		



ACADEMIC QUARTER	CLASS/ YEAR	PAPERCODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2021 TO MARCH 2021	2 <sup>ND</sup>	FAD 209	<p>Studies and practice of following Traditional Embroideries of India</p> <ul style="list-style-type: none"> <li>u. Kantha of Bengal</li> <li>v. Chikankari of Uttar Pradesh</li> <li>w. Kathiawari of Gujarat</li> <li>x. Zardozi of Uttar Pradesh</li> <li>y. Pipli of Orissa</li> <li>z. Kashida of Kashmir</li> <li>aa. Manipuri of Manipur</li> <li>bb. Chamba of Himachal Pradesh</li> <li>cc. Phulkari of Punjab</li> <li>dd. Kasuti of Karnataka</li> </ul> <p>Study and practice of popular Embroideries of the countries other than India.</p>	SMR	20		
		FAD 210	<p>Theme based assignment on designing using Coreldraw , Adobe Photoshop and Flash-I and II softwares.Introduction to Auto CAD; drawing of simple objects in scale using Auto CAD; design of components and assembling layout of a factory shed; design and drawing of three dimensional objects; use of different Auto CAD tools.</p>	PS	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2021 TO JUNE 2021	2 <sup>ND</sup>	FAD 201	Introduction to CAD Software for designing and drawing of any object with specific shape and dimension. CAD – tools and their uses. Working with art work, scanning, colour fill up, colour reduction, editing and clearing of drawn image using CAD software. Preparation of colour effects on different designs. Two-dimensional and three-dimensional drawing. Use of Auto – CAD and textile design CAD for drawing	PS	15		
		FAD 202	Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's and women's casual wear, party wear, beachwear and sports wear.	PS	20		
		FAD 203	Garment finishing and packaging : Methods and techniques used. Need, category of garment and its production and processing, equipment and methods, permanent press, pleating, folding, packaging of garments.	SMR	15		
		FAD 204	Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines. Weft (hand knitting): stockinet or jersey stitch; rib stitch and circular knitting; machine knitting – single knit, double knit and circular knit.Warp knitting: tricot, raschel, simplex and Milanese; different knitting designs.	SM	15		
		FAD 205	Special Fabric Manufacture and their processing.Process for manufacturing of crochet, Net, Lace, Braids, Bonded, Laminated and other special and narrow fabric and their properties and uses	SM	PS		
		FAD 206	Consumer Protection:Marketing of fashionable garments International Marketing and export formalities:Visual merchandising (VM)	SMR	15		
		FAD 207	Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari-blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants etc.	PS	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2021 TO JUNE 2021	2 <sup>ND</sup>	FAD 208	Sewing of few garments and their finishing such as manufacture of casual trouser, payjama, 4 and 6 panel sari- petticoat; salwar kameez, churidar, and women's princess line kurta, kalidar kurta, nightie/ dressing gown, womens' shirt, top and skirt, men's shirt and pants, etc	PS	20		
		FAD 209	Creation of surface ornamentation and establishment by Miscellaneous Methods of Surface Ornamentation: Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc. Accessories Design: designing of Jewelry footwear, hats and headgears, gloves, hair – styling, bags and purses, etc matching and befitting with style, design and colour of the garment.	SMR	20		
		FAD 210	Manual and computer aided practice of use of different forms of basic elements of design i.e. points, straight lines, curved lines, geometric shapes, figures, abstract art and their positioning and resizing and colouring; working on a particular theme / story; mood – board for designing of components of different simple garments for wearing in different occasion/ situation/places Use of CAD for basic woven design of textile and basic garment design and draping and texture mapping etc.	PS	20		

**LESSON PLAN OF 3<sup>RD</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2020  TO  SEPTEMBER 2020	3 <sup>RD</sup>	FAD 301	Ethics: Human ethics, Professional ethics, the values of ethics, ethics and emotions, Human Values: Values Ecology:	SMR	15		
		FAD 302	Preparatory processes for different textile fabrics before dyeing and printing: Dyeing:	SM	15		
		FAD 303	Garment Sizing: Grading: Grading of Patterns to Various Sizes: Application of computer in garment sizing and size standardization. Sizing of different components	SMR	20		
		FAD 304	Critical analysis of process stages for manufacture of garments in industry. Designing of garment based on different design ideas & sources, selection of fabrics/accessories and trimming. Market survey, design analysis, design creation and surface ornamentation. Analysis of historical costumes of India and other countries,				
		FAD 305	Entrepreneurship Development: Concept and social context for entrepreneurship development. Business environment for the Entrepreneur: Government role and regulation in business:	SMR	15		
		FAD 306	Introduction to Auto - CAD/ CAM Software and its utility, Function of CAD/ CAM software, Introduction to Tuka Studio or Nedgraphics software for developing textile print design and repeats. Fundamentals of computer aided tools	PS	15		
		FAD 307	Desizing of cotton fabric Scouring of cotton fabric Bleaching different fibres, yarns and fabrics, weight reduction of polyesters	SM	10		
		FAD 308	Practical Garment design based on theme Rendering: Designing and developing a line of garment based on a particular theme Computer aided textile design and garment design. Garment designing and draping with rendering.	PS	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2020 TO DECEMBER 2020	3 <sup>RD</sup>	FAD 301	Environmental Studies: Environment and public health:Fuel and energy management Eco-friendly textiles and processes Textile mill's effluent (water pollutant in wastewater) and need of its treatment before discharge. Reuse of water and water conservation. Waste water sampling and analysis. Basic processes for waste water treatment and recovery of material from wastewater.	SMR	20		
		FAD 302	Printing : Different styles of printing:Different methods of printing: block Brief idea about the printing tables .Printing with different dyes and pigments. Process of printing and print fixation method.	SM	20		
		FAD 303	Introduction to Draping of garments and preparation of an adhesive dress-form. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components. Draping a basic skit with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt) Draping Collars	SMR	20		
		FAD 304	Testing and technical analysis of garments and accessories: Standards and test methods of seam strength resistance to snagging, washability and colour fastness, efficiency of detergent, stability to heat / light / fuming / steaming, button pull out test, test of balance, fit and measurement etc., test of fibre content and blends analysis, test of draping, dimensional stability etc. Testing of trimmings and garment accessories. Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment.	SM	20		
		FAD 305	Launching and Survival of business,Market survey, Project preparation and Business communication	SMR	10		
		FAD 306	Colour Science and Computer Aided Colour Measurement and Matching:Preparation of colour database for textile dyes. Special representation of colours, lines and knowledge to use different material and media in art, craft and textile design work through use of computer aided tools and software.Computer aided print designs using printex or nedgraphics software using vector and raster tools of specialized computer aided print design software.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2020 TO DECEMBER 2020	3 <sup>RD</sup>	FAD 307	Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing.	SM	15		
		FAD 308	Garment designing and draping with rendering. Rendering on the croqui using different colour media along with pencils; Rendering detailed limbs and face drawings on the croqui Designing of different necklines such as round neckline, square neckline, V neckline etc. Designing of different sleeves like puff sleeve, raglan sleeve, kimono sleeve etc. Designing of different skirts like pleated skirt, gathered skirt, gored skirt, skirt with yoke, skirt with waist band; ethnic and western pockets, drapes, folds and gathers, frills, flounces, bias cuts.	SMR	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2021 TO MARCH 2021	3 <sup>RD</sup>	FAD 301	Introduction to quality concept: Definition and concept of quality, product specifications and standards. Sampling: Sampling technique and random sampling procedures. Quality Assurance: Statistical Quality Control: Total Quality Management: ISO 9000 (ISO-9001-2000) & ISO 14000	SMR	20		
		FAD 302	Aesthetic and Functional Finishing: Calendaring and pre-shrinking, Softening and stiffening, Crease resistance or wrinkle recovery finishes, Water repellent finishes and water proofing, Antimicrobial / rot resistance finishes, Flame retardant / flame proof finishes of cellulosic textiles, Bio polishing of cotton, Enzyme washes - Vs - stone wash of cotton denim / jeans Soil release / stain resistance finishes, Antistatic finishes, UV Protection finishes of synthetic textiles and Silky finish of polyester (weight reduction of polyester). Weighting of silk fabrics, Scroopy - Finish of silk fabrics.	SM	20		
		FAD 303	Fashion Illustration, Illustrations of Garments & garment design details, Fashion Illustrations details	SMR	20		
		FAD 304	Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment. Critical factors for fashion life cycle analysis and forecast. Color forecast and its importance, seasonal demands and variations in design of garments. International garment business and its trend analysis. Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Specific garment processing machines and their working.	SMR	20		
		FAD 305	Financial Management, Sources of finance, Investment decision, public and government borrowings. Working capital, bank funding, calculative risks, financial planning and control, inventory control and purchase technique, marketing link and sales promotion measures. Cost-Vs-revenue and profit. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account. Financial statement analysis, Financial indicators and ratios. Profit volume ratio. Break-even analysis. Accounting ratios. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	SMR	15		
		FAD 306	2D & 3D Computer aided pattern making (Using TUKA – CAD / GERBER / LECTRA Technology). Computer aided pattern making, marker planning, sizing, grading and draping of garments for different types of men/women/children wear. Computer aided Fashion illustration techniques, using fashion illustration software.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2021 TO MARCH 2021	3 <sup>RD</sup>	FAD 307	Mercerizing of cotton, degumming of silk and scouring of wool. Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing	SM	20		
		FAD 308	Fashion Illustration Practical for Garments, Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways. Illustration of different men, women and children wearing practice..	SMR	20		



ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2021 TO JUNE 2021	3 <sup>RD</sup>	FAD 301	Apparel Production and quality control: Work study, time and motion study and line – balancing / assembly line layout, optimization of space and infrastructure (Plant lay - out), utilization of maximum available machine hour and man-hour, reduction of idle time, Production bottlenecks. Specification of garments Quality Control and Cost:	SMR	20		
		FAD 302	Decatizing of woolen and silk goods, Shrink proofing of woolen goods, Milling of woolen goods etc. Special finishing like chemolonic, costume/ fragrance, thermotropic, chromotropic and other smart polymeric finishes Fault free finishes on textiles and garments	SM	20		
		FAD 303	Garment Design and Analysis: Elements of Textile Design: forms, balance, rhythm, symmetry, colours, relation of colour with fashion. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour, application of fashion analysis (fashion elements, and market research, fashion awareness and combination of factors in fashion / design selection). Identification and forecast of colour and fashion preferences and search of fashion elements for visual merchandising of garments.	SMR	20		
		FAD 304	Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Softening of garments by different methods: Garment washing, Different types of garment finishing	SM	20		
		FAD 305	<u>Costing</u> : Principles and object of costing. Different method of costing. Cost–Vs.-pricing. Revenue generation. Manufacturing cost-control techniques. Cost reduction approaches in garment manufacturing industry. Factor affecting cost and pricing. Cost-volume-profit analysis (yarn and fabrics). Costing applicable for textile product / and garments etc. Analysis of fund flow, cash flow.	SMR	15		
		FAD 306	Use of computer for Fashion cycle, fashion forecasting, fashion marketing. Role of designers in creating fashionable garments & its merchandising .Study of different computer software for textile weaving design. Preparation of Checks and Stripes or dobby designs using computer aided weaving CAD module. Computer aided print design preparation for surface embellishment and decoration. Computer aided garment designing: Preparation of Basic block, Skirt Block, Trouser Block using the Pattern Drafting by Tuka-CAD Software. Pattern Drafting of Skirt variations and shirt patterns.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2021 TO JUNE 2021	3 <sup>RD</sup>	FAD 307	Chemical Finishing: Application of common finishes such as softening agent, stiffening agent, optical brighteners, bleaching agent, etc. on cotton and other textiles and garments and their evaluation. Application of anti-crease, water repellent /water proof, flame retardant and rot resistant finishes on cotton and other textiles and garments. Application of anti-static and soil release finishes on synthetic textiles and garments. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc. Evaluation of important functional properties of textiles and garments before and after different finishing	SM	20		
		FAD 308	Portfolio Preparation and Presentation: Techniques of systematic developing, designing and filing the design work of a line of garment based on particular theme, purpose and targeted customer as portfolio – with specification sheets sketches of draping, illustration and cost structure and with sample of actual garment and its photograph etc. Different types of portfolio presentation and their uses. Organizing portfolio for sales of design work and fashion marketing.	PS	20		
		FAD 309	Assignment during internship on textile design collection and garment designing and sewing, to get 1 <sup>st</sup> hand knowledge on textile fabric design development and garment design related to fashion design and garment designing on specific themes. Assignment to understand the role of textile and garment designers and to understand different market sectors, production methods and related construction of fabrics and garments Design Project and portfolio Preparation:	SMR	1 MONTH INTERNSHIP  TRAINING		
		FAD 310	Each student shall be required to carry out under supervision of one or more teacher or teachers as guide and/or co-guide , by carrying out an original investigation work on any problem related to textile processing or garment production / finishing / design, marketing etc. related to his/her studies. Each student shall submit three copies of typed written and bound dissertation embodying the survey, questionnaires/photographs/design work or experimental work and results of their investigation along with analysis and collected designs with specification sheets and other details of the product development / other work done.	PS  SM  SMR	3 MONTHS TRAINING		

**LESSON PLAN UNDER CBCS SYSTEM FOR BFAD (HONS) DEGREE COURSE**

<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/I/CC1  Theory	1. Fundamental concepts of fibre	<b>4</b>	<b>SM</b>
	2, Introduction to natural fibres- Composition, Physical and Chemical structure, Chemistry, Properties and Uses of following Natural Fibres	<b>8</b>	
	3. Introduction to man-made fibres	<b>2</b>	
	4. Introduction to Yarns	<b>2</b>	
	5. Objectives of blow room, carding, drawing and spinning, yarn twisting.	<b>4</b>	
	6. Different types of fancy yarns production, Sewing Thread	<b>4</b>	
	7. Yarn Preparatory	<b>4</b>	
Practical	1. Testing of fibres	<b>6</b>	<b>SM</b>
	2. Yarn Testing	<b>6</b>	
FAD/A/I/CC2  Theory	1.Introduction of patterns: Need of pattern making.	<b>2</b>	<b>PS</b>
	2. Introduction to technical skills in pattern making and garment production	<b>2</b>	
	3. Study on different types of stylelines used in garments	<b>2</b>	
	4. Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts	<b>6</b>	
	5. Necklines and Plackets:	<b>4</b>	
	6. Collars and Facings, Sleeves and Pockets	<b>4</b>	
	7. Introduction to sewing	<b>6</b>	
Practical	1. 1. Principles of pattern drafting through block construction and dart manipulation:	<b>6</b>	<b>PS</b>
	2. Temporary and permanent hand stitches, plain seam, flat seam and ridge seams, Variation in pleats, darts, tucks, gathers and facings	<b>6</b>	
	3. Drafting of pattern for Skirt	<b>6</b>	
	4. shirts, trousers, kameez, salwar, churidar and jacket.	<b>6</b>	
FAD/A/I/AECC1  Theory	1. Grammar: noun, pronoun, adjective, verb, adverb, conjunctions, preposition, tense, voice, articles, phrases and clauses	<b>2</b>	<b>AG</b>
	2. Communication skills	<b>4</b>	
	3. Reading skill, writing skill and listening skill	<b>4</b>	
	4. Dialogue writing, drafting job application, notices, Correspondence	<b>4</b>	
	5. Preparation of bibliography, Project Report: Preparation of Project Reports	<b>4</b>	
	6. Preparation of curriculam vitae (Bio-data/ Resume). Writing application for jobs, reporting to news paper for any incident etc.	<b>4</b>	

<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/I/GE1  Theory	1. Different sources of inspirations for textile design: designs from Indian Mythology, motifs, sculpture, civil art, nature, aquatic life, ornaments	4	<b>SM</b>
	2. Concept of designs of Textiles in designing Textile Fabrics and apparels for different end-use purposes for different class of people and age.	4	
	3. Positioning of motifs and idea of repeats in design. Design development in different forms	4	
	4. Basics of woven design of Textiles, weaving in handlooms,	4	
	5. Textile designing by Tie-dye and Printing of Textiles		
	6. Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.	4	
Practical	1. Placement and Repeats of design blocks in different ways and means on paper sheet.	2	<b>SM</b>
	2. Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design.,	4	
	3. Woven design development in sample forms- plain, twill, checks, stripes etc	8	
FAD/A/I/GE2  Theory	1. Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman.	2	<b>SMR</b>
	2. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes	3	
	3. History of Indian and Western costumes:	2	
	4. History of Fashion: elements of fashion; Western and Indian traditional textiles and fashion relationship	2	
	5. Study on Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, et	4	
	6. Study on development of various craft work of different States of India and Woven Textiles	4	
Practical	1. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics	2	<b>SMR</b>
	2. Creation of Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	4	
	3. Accessories Design	4	
FAD/A/I/GE3  Theory	1. Visual Arts: Observing and recording of information through various kinds of drawings	2	<b>SRC</b>
	2. Design Studio and its utility in garment design	2	
	3. Definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour	2	
	4. Principles of Design, elements of design	2	
	5. Colour: importance, primary, secondary and tertiary colours, colour harmony complimentary colours.	2	
Practical	1. Basic design drawing in scale and use of Different Drawing Media	2	<b>SRC</b>
	2. Design development: growth of motif, enlarging and reducing a motif, placement for all over pattern. Colour: colour wheel	2	
	3. Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles	2	
	4. Visualization of garments and dress forms from various angles and perspective with accessories	2	
	5. Use of new media services, web – information, multimedia design studio and design communication, Visual illustration of textile art and fashion	2	

<b>Semester II(January to June)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/II/CC3 Theory	1. Fundamentals of weaving, Principles of working of looms (hand looms and power looms), primary and secondary motion of looms and their functions.	4	<b>SM</b>
	2. Analysis of basic weaves; Plain and twills, Checks and Stripes, colour and weave interaction, derivatives of basic weaves; Satin and sateen weave, dobby, jacquard, pile weave including cut and uncut pile, Representation of simple weaves on graph paper with drafting plan.	8	
	3. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks,	6	
	4. Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines.	4	
	5. Principles of forming non-woven fabrics. Different techniques and mechanism of non-woven fabric formation. Properties of non-woven fabrics	2	
Practical	1. Fabric identification and design analysis. Fabric specifications of some common fabrics	5	<b>SM</b>
	2. Fabric identification of different woven and knitted sample	5	
	3. Collection of fabric sample and analysis of the same for file work	5	
FAD/A/II/CC4 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts, frock, Kameez, salwar etc	2	<b>PS</b>
	2. fundamental concepts of garment styling, designing and drawing (flat sketch), pattern making, marker planning, cutting, sewing and finishing	4	
	3. Different types of seams, different stitches, code of stitches and stitch numbers. Details of different types of industrial and domestic sewing machines and feed mechanism, sewing needles and its specifications, sewing threads; types and requirements. Sewing problems.	4	
Practical	1. Development of various types of seams, pleats and their application in garment	4	<b>PS</b>
	2. Practise on Dart Manipulation	4	
	3. Development of different garments and decorative samples with surface embellishment.	4	
	4. Practise on Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari- blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants and coat (suit), ladies-salwar/churidar and kameez etc	8	
FAD/A/II/SEC -A Theory	1. Components of Computer; Peripherals; Hardware and Software; History of Computer from 1st Generation to Present.	2	<b>PS</b>
	2. Introduction to MS Word	2	
	3. Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images.	2	
	4. Fundamentals of CAD Software and its use:	2	
	5. Introduction to different operation systems for effective use of the followings: Inserting Objects, hyperlink and Placing Tables:	2	
	5. Introduction to Corel draw& Photoshop	2	
FAD/A/II/GE- 4 Theory	1. Definition of fashion and fashion life cycle, consumer and fashion relationship. Creative fashion and Fashion season. Style and fashion survey and forecasting.	2	<b>SMR</b>
	2. Fashion illustration and various mediums used in fashion illustration	2	
	3. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 heads.	2	
	4. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend	2	
	5. Rendering of fabrics and its different techniques	2	
	6. Different presentation techniques of various wears of children, women and men.	2	

Practical	1.Designing and developing a line of garment based on a particular theme (beachwear; swimwear; casual wear; sportswear; nightwear; cocktail wear; eveningwear; ramp wear; executive wear; traditional Indian costume of different states and their variations in design.	4	<b>SRC</b>
	2. Garment designing and draping with rendering.	4	
	3. Fashion Illustration Practical for Garments.	4	
	4. Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways	4	
FAD/A/II/GE-5	1. Origin of fashion Accessories. Introduction to various fashion accessories.	2	<b>SMR</b>
	2. History of fashion accessories like jewellery,belts, shoes, footwear, hats, caps, bags	8	
	3. Study on the principles of design of Fashion accessories and the problems in designing fashion accessories.	2	
	4. Study of development of decorative and fashionable footwear	2	
Practical	1. Creation of various types of bags using various types of raw materials like fabric, cord, beads, plastic mat, leather. etc	2	<b>SMR</b>
	2. Creation of various types of hats and caps by using various raw materials.	2	
	3. Deigning of shoes	2	
	4. Design development of various types of jewellery	2	
FAD/A/II/GE-6 Theory	1. Entrepreneurship: Definition and motivational characteristics importance women's Entrepreneurship in the Indian Economy. Scope of Entrepreneurship in garment and textile sector. Role of technical and managerial knowledge for entrepreneurship development.	4	<b>SM</b>
	2. Business environment for the Entrepreneur: Government of India's policy towards promotion of Entrepreneurship, reservation and sanctions for small-scale sector, medium scale sector and large-scale sector. Importance of business communication procedures	4	
	3. Governmental regulation and reviews in business, legal matters – licenses, registration, etc.	4	
	4. Launching and Survival of business	2	
	5. Market survey, Project preparation and Business communication: Knowledge and skills for market survey and research. Importance of business communication. Elements of project preparation: Principles, procedure, formatting and formulation of project proposal, budget estimate	6	
Practical	1. Assignment to Develop a project proposal for setting up a yarn making and woven garment factory	5	<b>SM</b>
	2. Assignment to Develop a project proposal for setting up an apparel manufacturing or textile manufacturing factory	5	
	3. Project preparation for establishing a dye house or printing factory or knitting factory.	5	

<b>Semester III(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/III/CC5 Theory	1. Preparatory processes for different textile fabrics before dyeing and printing: Desizing, scouring, bleaching and drying of textiles from natural, man-made fibres and their blends. Mercerisation of cotton, woolenisation of jute, degumming of silk, and scouring of raw wool.	<b>6</b>	<b>SM</b>
	2. Dyeing: Classification of dyes, Chemical constitution and colour of dyes. General theory of dyeing and application of direct, acid, vat, reactive, disperse, azo dyes on cotton, wool, jute, silk and synthetic fibres using standard method	<b>6</b>	
	3. Colour Science: Colour measuring parameters and colour communication. Colour matching manual and computer – aided. Test of colour fastness to wash, light, rubbing, perspiration and heat etc	<b>6</b>	
Practical	1. Preparatory Finishing: Desizing, Scouring, Bleaching	<b>5</b>	<b>SM</b>
	2. Dyeing of cotton using Direct dye and Reactive dye	<b>5</b>	
	3. Woolenisation of Jute yarn	<b>2</b>	
FAD/A/III/CC6 Theory	1. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance.	<b>2</b>	<b>SMR</b>
	2. Embroideries of different states in India.	<b>6</b>	
	3. Dyed, Painted and Printed Traditional Textiles of India.	<b>4</b>	
Practical	Creation and Practice of Surface Ornamentation through stitching/ surface embellishment/ trimmings and tie-dye and Printing & Painting: Block, stencil, spray, screen, discharge, hand painting on fabric	<b>4</b>	<b>SMR</b>
	2. Practice of different Traditional Embroideries of India	<b>8</b>	
	3. Creation of surface ornamentation like Quilting, sarawski patchwork, jariwork, and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	<b>6</b>	
FAD/A/III/CC7 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts frock etc	<b>2</b>	<b>PS</b>
	2. Study of basis of garment construction and pattern making for children, men and women's wear for woven fabrics and knitted fabrics.	<b>2</b>	
	3. . Casual jacket and sloper construction. Development of style and designing of men's garments with variations in collars, sleeves, pleats, pockets, darts, gathers etc,	<b>4</b>	
	4. Drafting Women's top or shirt, trouser, skirt, salwar-kameez with variations and manipulation of design element having balance and fit.	<b>4</b>	
	5. Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's .and women's casual wear	<b>4</b>	
Practical	1. Pattern making of fashionable ladies wear	<b>4</b>	<b>PS</b>
	2. Pattern making for men's wear	<b>4</b>	
	3. Cutting, laying and stitching of garments for ladies and gents wear for different seasons and occasion.	<b>4</b>	
FAD/A/III/AECC2 Theory	1. Fundamentals of environment, ecology, environmental pollution	<b>4</b>	<b>SM</b>
	2. Natural resource management. sustainable development.	<b>4</b>	
	3. Eco system, earth science, geological hazards, earth resources, water resources	<b>4</b>	
	4. Environmental management in industries .	<b>4</b>	

			<b>SMR</b>
FAD/A/III/GE-7 Theory	1. Marketing Management	2	
	2. Textile Merchandising and Visual merchandising	2	
	3. Costing and Pricing	2	
	4. Quality control in textile merchandising quality assurance and customers satisfaction	2	
	5. Retail fashion merchandising	2	
	6. Fashion Marketing, Fashion forecasting	2	
	7. International Marketing and export formalities	2	
Practical	1. Assignment on Development of project for visual merchandising of specific product by drawing and planning	4	<b>SMR</b>
	2. Assignment of Development of a store house/ display house with proper illumination and application of light in visual merchandising concept	4	
	3. Assignment or survey for supplychain management for retail and E-tail marketing	4	
	4. Market survey and fashion photography and their critical analysis.	4	
FAD/A/III/GE-8 Theory	1. Sources of finance, Investment decision, public and government borrowings.	2	
	2. Working capital, bank funding, calculative risks, financial planning and control,	2	
	3. Cost-Vs-revenue and profit.	2	
	4. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	2	
	5. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account.	2	
Practical	1. Assignment for Preparation of budget for a garment company for the current financial year	2	
	2. Assignment for Preparation of cost sheet of garments and its pricing	2	
	3. Assignment of Project planning in terms of cashflow for setting up a textile or garment industry.	2	
		2	



<b>Semester IV (January to June)</b>			
Name of The Paper	Topics to be Covered	No. of Lectures	Name of the Teacher
FAD/A/IV/CC8  Theory	1. Different styles of printing: direct, resist, discharge, flock and transfer printing. Different methods of printing: block, stencil, roller, screen and rotary screen printing.	4	SM
	2. Process of printing and print fixation method.	4	
	3. Aesthetic and Functional Finishing	4	
	4. Special finishing like chemolonic, costume/ fragrance, thermo-tropic, chromotropic and other smart polymeric finishes	4	
Practical	1. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing	4	SM
	2. Application of common finishes such as softening agent, stiffening agent, optical brighteners,	4	
	3. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc.	4	
FAD/A/IV/CC9  Theory	1. Fundamental knowledge of Illustration.	2	SMR
	2. Fashion illustrations of Garments & garment design details	6	
	3. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour	2	
	4. Development of conceptual thinking and visual identity, designing creatively for a number of customers, functions and markets, implementation of visual rendering in the patterns and development of textile fabrics and garments	4	
Practical	1. Comparative study between the various materials while developing individual themes; personal investigation and experimentation of different materials.	2	SRC
	2. designing of various types of dresses like formal, casual, semi-formal, leisure by line sketch	4	
	3. figure studying with different styles, hand, feet, hairstyles, face etc. Rendering and types of rendering	4	
	4. Spatial representation through colour and line	4	
FAD/A/IV/CC10  Theory	1. Garment Sizing: Sizing of garments in different countries, principles of sizing and development of size chart	4	PS
	2. Grading of Patterns to Various Sizes.	4	
	3. Sizing of different components of men's, women's and children wear.	4	
	4. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components	4	
	5. Draping Collars and sleeves.	4	
	6. Draping a basic skirt with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt)	4	
Practical	1. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and stylelines neckline	4	PS
	2. Draping a basic skirt with its variation	4	
	3. Draping Collars and sleeves	4	
FAD/A/IV/SEC-B	1. Introduction to Event Management- types, categories, sports, rallies, wedding, Fashion corporate events.	2	SMR
	2. Principles of event management, key roles, fashion show, fairs and trade show, product launch.	2	
	3. Role of event co-ordinator, administration, marketing, operations, risks etc.	2	
	4. Preshow marketing and post event follow up.	2	
	5. Licenses and permission obtained, Risk management for prevention of hazards, security for people and merchandise.	2	
	6. Event planning, costing and man power planning.	2	

FAD/A/IV/GE-9 Theory	1. Fashion Journalism	2	<b>SMR</b>
	2. Elements of reporting on fashion events and shows in journals and dailies highlighting fashion forecast, creativity and inspiration of designers with	2	
	3. Fashion Photography	4	
	4. Fashion communication	4	
Practical	1. Learning to do fashion photography	2	<b>SMR</b>
	2. Learning about various ways of fashion communication	2	
	3. Preparation of small video recording on fashion show and reporting on the same and do critical analysis	2	
FAD/A/IV/GE-10	1. Human Resource Management, leadership, human resource planning and selection policy.	6	<b>SM</b>
	2. Performance appraisal	4	
	3. Human resource development and staffing.	4	
	4. Business organization and communicative skill	4	
	5. Organisational decisions, employee development and managerial skill.	4	
Practical	1. Assignment on development of organizational structure of garment industry and planning the personnel management	6	<b>SM</b>
	2. Assignment on preparing a project report on the staff selection process and training of personnel.	6	

<b>Semester V(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/V/CC11 Theory	1. Learning about tools of M.S. paint, paint brush; use of various colours and to edit colours.	2	<b>SMR</b>
	2. Learning about interactive tools of corel draw and tools of Flash for graphics design and animation.	4	
	3. Learning about Abode Photoshop; manipulating colour table; CMYK colour conversion.	2	
	4. Introduction to Auto CAD; design of components and assembling layout of a factory shed; design and drawing of three dimensional objects; use of different Auto CAD tools	2	
Practical	1. Practice to get acquainted with interactive tools of corel draw	4	<b>SMR</b>
	3. Practice to get acquainted with tools of Flash for graphics design and animation;	4	
	4. Practice to get acquainted with Abode Photoshop	4	
	5. Preparation of Motifs in lattices and placement of different repeats; Using digital colour theory and derivation of screens for flat screen printing.	4	
	6. Theme based assignment on designing using Coreldraw , Adobe Photoshop and Flash-I and II softwares	4	
FAD/A/V/CC12 Theory	1. Standard body measurement and pattern making for adult garments	2	<b>PS</b>
	2. According to the pattern preparation of marker plan, study on different types of garment	2	
	3. Development of style and designing of men's garments with variations in collars, sleeves, pleats, pockets, darts, gathers etc	4	
	4. Drafting Women's top or shirt, trouser, skirt, salwar-kameez with variations and manipulation of design element having balance and fit	4	
Practical	1. Design Development of garments for men's wear with special reference to designer costumes and special purpose wear.	4	<b>PS</b>
	2. Design Development of garments for women's wear with special reference to designer costumes, special purpose wear.	4	
	3. Design development for maternity wear, swim wear, beach wear etc.	4	
FAD/A/V/ DSEA1 Theory	1. Production planning, flow chart process of production,	4	<b>SMR</b>
	2. Plant layout, line layout, material handling, production control, capacity analysis	4	
	3. Work study, Method study, Garment engineering, line balancing, activity sampling, cycle checks, time study, etc.	6	
Practical	1. Development of activity sampling chart of an industr	4	<b>SMR</b>
	2. Preparing charts on work study, method study	4	
	3. Preparing sample plant layout under different production systems and to do market survey and accordingly develop the fashion forecast plan	4	
FAD/A/V/DSEA 2 Theory	1. Colour Science and Computer Aided Colour Measurement and Matching: Introduction to colour science, colour terms and definitions, colour communication, computer aided measurement of colour parameters of textiles. Theory of computer aided colour matching and formulation generation.	4	<b>SM</b>
	2. Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Specific garment processing machines and their working	4	
	3. Softening of garments by different methods: aerodynamic principles, hydro entangling method, chemical method	2	
	4. Garment washing, bleaching, fading and dyeing; garment processing and washing machines and their working.	2	
	5. Finishing of cotton denims - regular/irregular fading, sandblasting, Acid washing and stonewashing.	2	
Practical	1. Wet processing and different methods of washing of garment.	4	<b>SM</b>
	2. Softening of garments by different methods.	4	
	3. Different types of garment finishing.	6	
FAD/A/V/DSEA 3 Theory	1. Eco-friendly textiles and processes: Concept of green technology and clean processing and products in textile and garments.	4	<b>SMR</b>
	2. Concept of eco friendly textiles, Parameters for eco friendly textiles as per German (OTN-100,) European (OEKO-TEX-100) and Indian (Eco-mark) standards.	4	
	3. Eco parameters and their testing and control. Testing of eco-friendly products.	4	
	4. Sustainability of eco-friendly products	4	
	5. Different techniques of producing eco-friendly textiles and garments	4	

<b>Semester VI (January to June)</b>			
<b>Name of The Paper</b>	<b>Topic to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/VI/CC13 Theory	Each students has to go for 8 weeks internship after the end of Part II examination or at the start of Part-III course of studies in any relevant industrial organization / export house related to textiles or garments or related to marketing organization	<b>2 months internship at the industry</b>	<b>SMR</b>
Practical	Assignment during internship on textile design collection and garment designing and sewing, to get 1st hand knowledge on textile fabric design development and garment design related to fashion design and garment designing on specific themes. Collection of designed garments ,their analysis and market survey to develop an understanding of requirement of various fabric type and texture in relation to design aspects of the garments of men ,women and children or home textiles/ home furnishings.		
FAD/A/VI/CC14 Theory	1.Each student shall be required to carry out under supervision of one or more teacher or teachers as guide and/or co-guide , by carrying out an original investigation work on any problem related to textile processing or garment production / finishing / design, marketing etc. related to his/her studies. Each student shall submit three copies of typed written and bound dissertation embodying the survey, questionnaires/photographs/design work or experimental work and results of their investigation along with analysis and collected designs with specification sheets and other details of the product development / other work	<b>3 months training period</b>	<b>SM, SMR PS</b>
	2. Each student shall be required to work under supervision of one or more teacher or teachers and prepare a portfolio on garment design and collection development.		
Practical	Each student shall be required to work under supervision of one or more teacher or teachers and prepare a portfolio on garment design and collection development		
FAD/A/VI/DSEB1 Theory	1.Importance, history, types of textile museums in India	<b>2</b>	<b>PS</b>
	2. Basics of textile conservation, principles, materials, types of conservation	<b>2</b>	
	3. Factors causing deterioration in textiles, damages that occur, restoration	<b>2</b>	
	4. Collection maintenance, workspace and equipment, housekeeping, checking and monitoring, handling and packaging	<b>2</b>	
	5. Storage and display, Different ways of storage	<b>2</b>	
Practical	1. Study on museums, examination of textiles in order to know their behaviour	<b>2</b>	<b>PS</b>
	2. Collection of conservation quality materials and documentation on textile conservation	<b>2</b>	
	3. Wardrobe Planning and Insect or pest control plan	<b>2</b>	
	4. Efficiency of washing and detergency etc	<b>2</b>	
FAD/A/VI/DSEB2 Theory	1. Selection of samples for testing, sampling procedures and statistical quality control.	<b>2</b>	<b>SM</b>
	2. Testing of physical and chemical parameters of textile fibres, yarns and fabrics	<b>4</b>	
	3. Special testing procedures for nonwoven and technical textiles.	<b>4</b>	
	4. Quality control in textile industry, quality circles and standardisation of textiles	<b>4</b>	
Practical	1. Testing of physical and chemical parameters of fibres, yarns and fabric	<b>4</b>	<b>SM</b>
	2. Testing of non-woven and technical textiles	<b>4</b>	
FAD/A/VI/DSEB3 Theory	1. 2D & 3D Computer aided pattern making (Using TUKA – CAD / GERBER / LECTRA Technology). Computer aided pattern making, marker planning, sizing, grading and draping of garments for different types of men/women/children wear. Computer aided Fashion illustration techniques, using fashion illustration software	<b>4</b>	<b>PS</b>
	2. Use of computer for Fashion cycle, fashion forecasting, fashion marketing. Role of designers in creating fashionable garments & its merchandising	<b>4</b>	
	3. Study of different computer software for textile weaving design.	<b>4</b>	
	4. Computer aided textile design and garment design	<b>4</b>	

Practical	1. Preparation of checks and stripes and dobby / jacquard designs using computer aided weaving design module.	4	<b>PS</b>
	2. Computer aided grading and sizing of basic blocks and understanding digital grading systems	4	
	3. Preparation of basic block, skirt block, trouser block, shirt block etc. using computer aided pattern drafting by Tuka – CAD software.	4	
	4. Computer aided pattern drafting of skirt variations and shirt patterns with collar variations etc.	4	
FAD/A/VI/DSEB4 Theory	1. Introduction to quality concept	2	<b>SMR</b>
	2. Sampling technique and random sampling procedures.	2	
	3. Audit of quality Plans, planning & performing quality audits, quality survey and product auditing. Fabric defects and Pareto–chart. Defects in garments and their remedies.	2	
	4. Statistical Quality Control	2	
	5. Total Quality Management	2	
	6. ISO 9000(ISO-9001-2000) & ISO 14000 Concept and its Study	2	
	7. Apparel Production and quality control and Cost reduction techniques	2	
Practical	1. Quality checking of garments	4	<b>SMR</b>
	2. Learning techniques of quality checking of garments	6	
	3. Quality control chart preparation	6	

**RANI BIRLA GIRLS' COLLEGE**  
**38, SHAKESPEARE SARANI**  
**KOLKATA-700017**

*Criterion: 1*

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Index Number: 1.1

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SUBTITLE: LESSON PLAN

DEPARTMENT: FASHION AND APPAREL DESIGN

YEAR: 2021-22

**LESSON PLAN OF 1<sup>ST</sup> YEAR OF B.F.A.D. DEGREE COURSE UNDER PART SYSTEM**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2021 TO SEPTEMBER 2021	1 <sup>ST</sup>	FAD 101	Grammar: noun, pronoun, adjective, verb, adverb, tense, voice, article, clause, parts of speech, preposition, punctuation, and capitalization, Transformation of Sentences.	AG	16		
			Communication skills: What is communication? Function and purpose of communication, process of communication, models of communication, noise and barriers to communication. Types of communication: oral, written, non- verbal. Brief narrating/reporting incidents/ happenings/ accident, etc.				
		FAD 102	Introduction: definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour.	SRC	2		
			Principles of Design: Concept and Concern. History of art, craft and Designs, Definition of Design. Different Forms of Design and its purposes. Rules of Design Development: Elements of Design, Design Structures and Sources of Design for Drawing of Designs. Definition of fashion and fashion cycle and fashion seasons. Designing and stylizing of garments and design of accessories: Impact of light and shadow effect in garment design, rendering of fabric design, application of stylization in garment designing	SMR	24		
	FAD 103	Fundamental concepts of fibre, Basic requirements of a polymer to be suitable for forming textile fibres, essential characteristics of a textile fibre, classification of textile fibres, essential properties (physical and chemical)- of a textile fibre-their terms and definition. Concept of fibre structure Degree of order and Crystallinity, degree of orientation, structure property relationship. Fine and Gross Fibre structure of Viscose, Cotton wool, silk, jute, acrylics, nylon, polyester and other fibres and their properties.	SM	16			

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2021 TO SEPTEMBER 2021	1 <sup>ST</sup>	FAD 104	Introduction to yarn and fabric dimension, property parameters, construction, types and specification of textile yarn and fabrics. General flow chart for yarn manufacture and fabric manufacture for understanding and acquaintance with mechanical processing of textiles. Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts.	SM	10		
		FAD 105	Brief history of Indian textiles from ancient times to the present. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance. Design status of costumes of different states of India and their specialty for men, women and children of respective states. Study of the textiles, costumes and surface ornamentation of all Indian states Woven Textiles	SMR	20		
		FAD 106	Introduction of patterns: Need of pattern making. Tools and materials used for pattern making and terminologies used in pattern making, symbols used in pattern making. Introduction to technical skills in pattern making and garment production. Figure Measurement: general principles, taking direct measurements. Fundamental pattern construction processes and applying these to produce garments	SMR	12		
		FAD 107	What is Computer? Components of Computer; Peripherals; Hardware and Software; History of Computer from 1 <sup>st</sup> Generation to Present. MS Windows: What is Windows? General features of MS Windows; GUI-Graphical User Interface; Multitasking; WYSIWYG-What You See is What You Get; Special features of MS Windows; parts of MS Windows; screen, types of windows; shutting down windows, Windows Explorer; working with folders; using recycle bin. Control Panel: Introduction to Control Panel; starting with the Control Panel; Control Panel: display, background properties, screen saver properties, appearance properties, mouse properties, button configuration, double-click speed.	PS	12		



ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2021 TO SEPTEMBER 2021	1 <sup>ST</sup>	FAD 108	Basic design drawing in scale and use of Different Drawing Media: Scaled Drawing as an aid to design; Writing Alphabets and different elemental unit of design in specific dimension and shapes, concepts of proportion – balance of proportion, rhythm of proportion etc. Observation and implementation of manual on the drawings using different pencils 2B, 4B, 6B, charcoals, different types of pencil colours and water colours; usage of different pencil and water colours; making light and deep shades, use of computer for drawing of design. Basic Designing and Sketching (on paper sheet):	SRC	24		
		FAD 109	Drawing of patterns for different garment with standard measurement at proportions with desired fit and allowances. Principles of block drafting and design manipulation and accordingly pattern drawing. Standard body measurement and pattern making for basic bodice block and few simple children and adults' garments. Making Paper Pattern of the following garment components in ½ Scale and also making samples of the following garment components: - Collars: convertible, mandarin, wing, peter pan, sailor, bertha, shirt collar, notched collar, shawl collar and its variations Necklines: V-neck, square neck, sweetheart, raised necklines, scooped necklines, boat, cowl. Variations in necklines. Sleeves: puff, flared, balloon, leg-o-mutton, cap, cowl, bishop, short, lantern, circular, kimono, raglan. Variations in Sleeves. Pockets (inset pocket; patch pocket and in-seam pocket.), Waistbands & Plackets with different variations.	PS	32		
		FAD 110	Textile Testing, Fibre Testing: Staple length / fineness (denier), Crimp etc. Testing of Strength, elongation, shrinkage of fibres. Yarn Testing: count, denier, twist, crimp and crimp rigidity, elongation.	SM	30		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2021 TO DECEMBER 2021	1 <sup>st</sup>	FAD 101	Reading skills: What is reading? Purpose of reading, types of reading: skimming, scanning, extensive reading, intensive reading, and loud and silent reading, Listening skills: What is listening? Types of listening: casual listening, focused listening, hearing and listening. Purpose of listening: material to be recorded, acquiring information. Semantic markers, using abbreviations, taking dictations. Writing skills: What is a sentence? Subject and predicate, phrase and clause, parts of speech, types of sentence: simple, compound, complex, writing paragraphs, summary writing, linkage and cohesion, linkers in paragraphs, structure of writing, spell check and conversion of long sentences to small sentences. Correspondence: What is correspondence? Letter writing, general and official correspondence, writing resume, comprehension, précis writing, essay writing	AG	21		
		FAD 102	Design development by various ways: rotation, brick effect, mirror effect, step drop effect, half drop effect, pillar effect, batik technique, tie and dye technique, spray technique. Visual Arts: Observing and recording of information through various kinds of drawings. Design Studio and its utility in garment design:	SRC	16		
		FAD 103	Composition, Physical and Chemical structure, Chemistry, Properties and Uses of Natural Fibres <ul style="list-style-type: none"> <li>• Cotton: a natural cellulose fibre.</li> <li>• Jute, Flax, Ramie: natural lignocellulosicfibres</li> <li>• Wool and Hairs: natural protein fibres</li> <li>• Silk: natural protein fibre</li> </ul> Minor Natural Fibres: vegetable (Banana, Sisal, Coir, Pineapple, Bamboo)	SM	16		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2021 TO DECEMBER 2021	1 <sup>ST</sup>	FAD 104	Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts. Objectives of blow room, carding, drawing and spinning, yarn twisting. Flow chart for production of various yarns in different spinning systems, yarn twist, twist factor and yarn properties. Influences of process parameters on yarn properties. Different types of fancy yarns production, textured yarns and flat filament yarns and their properties. Sewing threads: types, requirements and properties.	SM	22		
		FAD 105	Embroideries, Dyed, Painted and Printed Traditional Textiles of India: Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era influenced by theatres, films, entertainment business, magazines, TV and cultural heritage.	SMR	22		
		FAD 106	Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts. Basic ideas on proportions, balance and fit for drawing and preparing pattern Principles of pattern drafting through block construction and dart manipulations for different men, women and children wear. Necklines and Plackets: terminology, classification and different types of necklines and plackets. Variations in necklines and plackets. Collars and Facings: terminology, classification, various types of collars such as convertible, mandarin, wing, role, peter pan, sailor, shawl, notch, bishop, Chinese, ruffle mandarin, shirt. Variations in collars and facings. Sleeves, pockets	SMR	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2021 TO DECEMBER 2021	1 <sup>ST</sup>	FAD 107	Introduction to MS Word: starting with Word; parts of MS Word screen; starting a new document; navigating the document; file handling; editing the text; formatting the text. Making familiarize with Computer. Components of Computer, Hardware and Software; Starting and Shutting down of Computer; Familiarization with PC, including Micro Computer and its accessories for effective use. Introduction to different operation systems Mail Merge, Views, Printing and Creating Styles: Mail Merge; Views; Ruler; Zooming; Summary information; Print setup and Print	PS	18		
		FAD 108	Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles Placement and Repeats of design blocks in different ways and means on paper sheet Placement and Repeats of design blocks in different ways and means on paper sheet	SRC	26		
		FAD 109	Practical working in sewing machine, Understanding different parts of sewing machine and their functions. Practical Work on Disposal of Fullness on garment pieces:	PS	16		
		FAD 110	Fabric Design Analysis and weaving designs: Practical understanding of creating fabric designs on looms Design Analysis for of the weave and construction of different textile fabrics. Weaving plain (with colour interaction), twill (with colour interaction) and checks and stripes fabric, samples on hobby looms	SM	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2022 TO MARCH 2022	1 <sup>ST</sup>	FAD 101	Dialogue writing, writing of job application, notices, advertisements for classified columns.Preparation of bibliography: What is bibliography? Types of bibliography, rules for bibliographic page, footnotes and endnotes; reporting	AG	18		
		FAD 102	Introduction to Fashion: Definition of fashion and fashion illustration and various mediums used in fashion illustration life cycle, consumer and fashion relationship. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 headsFlat drawings: different types of flat drawing and their usages. Model draping: definition and usages. Figure analysis, proportion and disproportion of human figure, different types of figures for both men and women	SMR	18		
		FAD 103	INTRODUCTION TO MAN-MADE FIBRES , Manufacturing Technology for production of synthetic fibres, Manufacture, Chemistry, Properties and Uses of common manmade fibres - Study of different types of natural and synthetic fibres with special reference to their end-uses	SM	18		
		FAD 104	Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.Yarn Preparatory: Yarn preparation for weaving, quality of warp and weft yarns. Process of weaving:Weaving design: analysis of basic weaves;	SM	18		
		FAD 105	Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design.Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era History of Indian and Western costumes:	SMR	18		
		FAD 106	Introduction to sewing; Drafting of children garments; Drafting of Skirts: Fullness in garments: Standard size chart Fit analysis of garments, different types of fit, Different style lines and its application in dress making	PS	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2022 TO MARCH 2022	1 <sup>st</sup>	FAD 107	Drawings and Pictures using different softwares: Drawing and shapes; creating shapes, lines, freeform and other drawing objects; formatting drawing objects; managing list; sorting data in a list; filtering; using data forms. Practise with Corel draw / Photoshop and paint for drawing and design	PS	18		
		FAD 108	Colour Schemes: Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design., Design Application: Design suitability for different purposes by design development including different techniques of printing (batik, tie-dye, stencil, roller, block, screen, transfer etc.) applied on fabrics	SRC	18		
		FAD 109	Practice of Finishing of raw edges and facings on garments: Doing of Placket Openings: Even hem placket, continuous wrap opening, two piece placket and kurta placket	PS	18		
		FAD 110	Designing of textile fabrics on graph papers: transfer of graph paper designing to jacquard or doobby (basic weaves). Analysis of design of variety of woven fabrics and knitted fabrics. Analysis and creating design of decorative woven fabric samples: for furnishings wall hanging, tablemats, napkins of different woven designs on a hobby loom and handlooms.	SM	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2022 TO JUNE 2022	1 <sup>ST</sup>	FAD 101	Project Report: preparation of Project Reports /thesis/research paper and its format. Motivation,Effective communication and co-ordination and development of personality. Exploration of meaning, message and information, communicated through art, craft and design work, communication through different media, tools, audiovisual and art & design	AG	17		
		FAD 102	Study of types and techniques of fashion illustration and study of human anatomy. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend. Rendering of fabrics and its different techniques-communication of fashion through silhouettes, colour and style lines	SMR	18		
		FAD 103	TEXTILE TESTING (FIBRE TESTING) Moisture Relations and Testing, Fibre Testing;Fibre Identification;	SM	20		
		FAD 104	Yarn & Fabric Testing	SM	10		
		FAD 105	Historical costumes of India (state-wise):Investigation of historical, contextual and contemporary practices in the fashion industry;History of Fashion: elements of fashion;	SMR	17		
		FAD 106	Flow chart showing the stages of production process Development of size charts and its application in garment making, Different types of sewing machine needles Different types of sewing threads used in garment construction Effect of style lines on appearance. Introduction to the construction and functions of common seam types.	PS	18		
		FAD 107	Practise developing posters, calenders, patterns of garments using various softwares Practise development of various designs suitable for surface ornamentation of textiles including, print design, batik and bandhni design, embroidery design etc.	PS	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2022 TO JUNE 2022	1 <sup>st</sup>	FAD 108	Fashion illustration of child, men, women figure with special reference to drawing of face, hand, legs, and different postures, Figure/ Design Analysis : Illustration of fashion accessories and hair styling	SMR	20		
		FAD 109	Preparation of pattern and marker plan, Creation and Practice of Surface Ornamentation through Embroidery, Studies and practice of following Traditional Embroideries of India	PS	20		
		FAD 110	Identification of stain and the techniques of stain removal, Blend analysis of various yarns	SM	15		



**LESSON PLAN OF 2<sup>ND</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2021 TO SEPTEMBER 2021	2 <sup>ND</sup>	FAD 201	What are graphics? Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images. Paint Brush: Corel Draw	PS	14		
		FAD 202	Standard body measurement and pattern making for adult garments: Study of basis of garment construction and pattern making for children, men and women's wear, Introduction to basic process sequences of garment production and each unit operation involved:	PS	20		
		FAD 203	Background of textiles and clothing industry in India and abroad: Planning and layout for garment construction and manufacture processes. . Tailorability, comfortability and hand value of textile fabrics, Sizing, Grading and Pattern making: Marker Planning, Drawing and Reproduction techniques of the marker Spreading of the fabric to form a lay:	SMR	18		
		FAD 204	Yarn Dimension and structure: Fabric Dimension and structure: Weaving Design.	SM	15		
		FAD 205	<b>KNITTING</b> , Problems, prospects and growth of the Indian Knitting Industry: Basic mechanical principles (mechanisms) of knitting technology and structure property relationship of knitted fabrics.	SM	15		
		FAD 206	Introduction of the basic theory of economics, Demand and Supply: Equilibrium of the firm: Market Structure and pricing Production, Consumption and Cost: inputs and outputs,		12		
		FAD 207	Body Measurement ( <i>Correct Method of taking Different Body Measurements</i> ) with correct allowance Construction of Adult's Basic Blocks	PS	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2021 TO SEPTEMBER 2021	2 <sup>ND</sup>	FAD 208	Introduction to sewing machines; safety regulations, preventive and breakdown maintenance of sewing machines and needles. Running of sewing machines. Demonstration of different types of Sewing Machines, study of its different parts and their functions, care and maintenance of sewing machines. Knowing of sewing threads.	PS	8		
		20FAD 209	Hand and Machine Embroidery Practice in general. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics.	SMR	20		
		FAD 210	Practice to get acquainted with tools of M.S. paint, paint brush; use of various colours and to edit colours. Drawing, copying, scanning and transforming images. Practice to get acquainted with interactive tools of corel draw; import and export of images; resize image. Drawing ,shaping, aligning, editing and grouping and ungrouping images.	PS	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2021  TO  DECEMBER 2021	2 <sup>ND</sup>	FAD 201	Preparation of Motifs in lattices and placement of different repeats; Photoshop: Flash I and Flash II	PS	18		
		FAD 202	Introduction to basic process sequences of garment production and each unit operation involved Pattern making and marker planning and lay out for some women's occasional wear: lined jacket, katori choli, evening gown, choli-cut sari blouse, House coat, Reversible jacket, women's casual shirt, nightie etc.	PS	18		
		FAD 203	Cutting of the fabrics: Sewing: Different types of seams, different stitches Alternative methods of joining clothing materials- Different other operations and machines used in garment construction	SMR	18		
		FAD 204	Weave notations; plan view and sectional view of cloth; drafting, lifting and pique plan. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks, diamond and diaper, mock leno, ordinary honey comb, brighton honey comb, huck-a-back, crepe, bedford cord. Construction and design of terry pile, corduroy and velveteen, etc. Designing of dobby and jacquard weaving.	SM	20		
		FAD 205	Types of Knitting: Flat-Bed Knitting Machines: Circular Knitting Machines and its working principles.	SM	20		
		FAD 206	Production, Consumption and Cost: inputs National Income: definition & methods of its measurement, Public revenue and Taxation: Savings and Investment: International Business Economics		15		
		FAD 207	Basic Torso Sloper, Basic Sleeve Sloper, Basic Skirt Sloper, Basic Trouser Sloper	PS	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2021 TO DECEMBER 2021	2 <sup>ND</sup>	FAD 208	Sewing practice on clothes- Hand Stitches Seams	PS	15		
		FAD 209	Studies and practice of following Traditional Embroideries of India	SMR	15		
		FAD 210	Practice to get acquainted with tools of Flash for graphics design and animation; editing graphics and animation; adding movies and sound with text; creating pattern layers.Practice to get acquainted with Abode Photoshop; manipulating colour table; CMYK colour conversion; adjusting hue saturation. Photoshop: Introduction to Photoshop and editing of raster images; Using of toolbox and layers; Understanding image parameters, such as image size, resolution, colour modes, Design editing and manipulation using Adobe Photoshop, Colour correction and rendering 2D images.	PS	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2022 TO MARCH 2022	2 <sup>ND</sup>	FAD 201	Overlays and layers; purpose of overlays and creating of overlays; layers in a scene; inserting layers and stacking order; creating and modifying text.Fundamentals of CAD Software and its use:	PS	15		
		FAD 202	Development of slopers Flat drafting, Adaptation, layout, cutting, sewing	PS	18		
		FAD 203	Flow chart for production of different simple garments from raw material to finishing stage, plant and machinery layout of a garment factory Sampling Department:	SMR	15		
		FAD 204	Design analysis of fabric samples of different types and designs. Construction / specification of common commercial fabrics	SM	15		
		FAD 205	Circular Knitting Machines and its working principles Non-wovens:	SM	15		
		FAD 206	Marketing Management: Textile Merchandising:Costing and Pricing – Quality control in textile merchandising quality assurance and customers satisfaction Reinforcement of pricing policies and sales promotion techniques.	SMR	15		
		FAD 207	Dart Manipulation: shifting of darts, combining darts, dividing darts, concealing darts in yokes and seams lines, converting darts to gathers	PS	10		
		FAD 208	Preparation of pattern,. marker planning; cutting and bundling of different parts of various garments for manufacture of few adults garments as per design and pattern made.	PS	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPERCODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2022 TO MARCH 2022	2 <sup>ND</sup>	FAD 209	Studies and practice of following Traditional Embroideries of India ee. Kantha of Bengal ff. Chikankari of Uttar Pradesh gg. Kathiawari of Gujarat hh. Zardozi of Uttar Pradesh ii. Pipli of Orissa jj. Kashida of Kashmir kk. Manipuri of Manipur ll. Chamba of Himachal Pradesh mm. Phulkari of Punjab nn. Kasuti of Karnataka Study and practice of popular Embroideries of the countries other than India.	SMR	20		
		FAD 210	Theme based assignment on designing using Coreldraw , Adobe Photoshop and Flash-I and II softwares.Introduction to Auto CAD; drawing of simple objects in scale using Auto CAD; design of components and assembling layout of a factory shed; design and drawing of three dimensional objects; use of different Auto CAD tools.	PS	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2022 TO JUNE 2022	2 <sup>ND</sup>	FAD 201	Introduction to CAD Software for designing and drawing of any object with specific shape and dimension. CAD – tools and their uses. Working with art work, scanning, colour fill up, colour reduction, editing and clearing of drawn image using CAD software. Preparation of colour effects on different designs. Two-dimensional and three-dimensional drawing. Use of Auto – CAD and textile design CAD for drawing	PS	15		
		FAD 202	Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's and women's casual wear, party wear, beachwear and sports wear.	PS	20		
		FAD 203	Garment finishing and packaging : Methods and techniques used. Need, category of garment and its production and processing, equipment and methods, permanent press, pleating, folding, packaging of garments.	SMR	15		
		FAD 204	Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines. Weft (hand knitting): stockinet or jersey stitch; rib stitch and circular knitting; machine knitting – single knit, double knit and circular knit.Warp knitting: tricot, raschel, simplex and Milanese; different knitting designs.	SM	15		
		FAD 205	Special Fabric Manufacture and their processing.Process for manufacturing of crochet, Net, Lace, Braids, Bonded, Laminated and other special and narrow fabric and their properties and uses	SM	PS		
		FAD 206	Consumer Protection:Marketing of fashionable garments International Marketing and export formalities:Visual merchandising (VM)	SMR	15		
		FAD 207	Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari-blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants etc.	PS	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2022 TO JUNE 2022	2 <sup>ND</sup>	FAD 208	Sewing of few garments and their finishing such as manufacture of casual trouser, payjama, 4 and 6 panel sari- petticoat; salwar kameez, churidar, and women's princess line kurta, kalidar kurta, nightie/ dressing gown, womens' shirt, top and skirt, men's shirt and pants, etc	PS	20		
		FAD 209	Creation of surface ornamentation and establishment by Miscellaneous Methods of Surface Ornamentation: Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc. Accessories Design: designing of Jewelry footwear, hats and headgears, gloves, hair – styling, bags and purses, etc matching and befitting with style, design and colour of the garment.	SMR	20		
		FAD 210	Manual and computer aided practice of use of different forms of basic elements of design i.e. points, straight lines, curved lines, geometric shapes, figures, abstract art and their positioning and resizing and colouring; working on a particular theme / story; mood – board for designing of components of different simple garments for wearing in different occasion/ situation/places Use of CAD for basic woven design of textile and basic garment design and draping and texture mapping etc.	PS	20		



**LESSON PLAN OF 3<sup>RD</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2021  TO  SEPTEMBER 2021	3 <sup>RD</sup>	FAD 301	Ethics: Human ethics, Professional ethics, the values of ethics, ethics and emotions, Human Values: Values Ecology:	SMR	15		
		FAD 302	Preparatory processes for different textile fabrics before dyeing and printing: Dyeing:	SM	15		
		FAD 303	Garment Sizing: Grading: Grading of Patterns to Various Sizes: Application of computer in garment sizing and size standardization. Sizing of different components	SMR	20		
		FAD 304	Critical analysis of process stages for manufacture of garments in industry. Designing of garment based on different design ideas & sources, selection of fabrics/accessories and trimming. Market survey, design analysis, design creation and surface ornamentation. Analysis of historical costumes of India and other countries,				
		FAD 305	Entrepreneurship Development: Concept and social context for entrepreneurship development. Business environment for the Entrepreneur: Government role and regulation in business:	SMR	15		
		FAD 306	Introduction to Auto - CAD/ CAM Software and its utility, Function of CAD/ CAM software, Introduction to Tuka Studio or Nedgraphics software for developing textile print design and repeats. Fundamentals of computer aided tools	PS	15		
		FAD 307	Desizing of cotton fabric Scouring of cotton fabric Bleaching different fibres, yarns and fabrics, weight reduction of polyesters	SM	10		
		FAD 308	Practical Garment design based on theme Rendering: Designing and developing a line of garment based on a particular theme Computer aided textile design and garment design. Garment designing and draping with rendering.	PS	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2021 TO DECEMBER 2021	3 <sup>RD</sup>	FAD 301	Environmental Studies: Environment and public health:Fuel and energy management Eco-friendly textiles and processes Textile mill's effluent (water pollutant in wastewater) and need of its treatment before discharge. Reuse of water and water conservation. Waste water sampling and analysis. Basic processes for waste water treatment and recovery of material from wastewater.	SMR	20		
		FAD 302	Printing : Different styles of printing:Different methods of printing: block Brief idea about the printing tables .Printing with different dyes and pigments. Process of printing and print fixation method.	SM	20		
		FAD 303	Introduction to Draping of garments and preparation of an adhesive dress-form. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components. Draping a basic skit with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt) Draping Collars	SMR	20		
		FAD 304	Testing and technical analysis of garments and accessories: Standards and test methods of seam strength resistance to snagging, washability and colour fastness, efficiency of detergent, stability to heat / light / fuming / steaming, button pull out test, test of balance, fit and measurement etc., test of fibre content and blends analysis, test of draping, dimensional stability etc. Testing of trimmings and garment accessories. Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment.	SM	20		
		FAD 305	Launching and Survival of business,Market survey, Project preparation and Business communication	SMR	10		
		FAD 306	Colour Science and Computer Aided Colour Measurement and Matching:Preparation of colour database for textile dyes. Special representation of colours, lines and knowledge to use different material and media in art, craft and textile design work through use of computer aided tools and software.Computer aided print designs using printex or nedgraphics software using vector and raster tools of specialized computer aided print design software.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
OCTOBER 2021 TO DECEMBER 2021	3 <sup>RD</sup>	FAD 307	Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing.	SM	15		
		FAD 308	Garment designing and draping with rendering. Rendering on the croqui using different colour media along with pencils; Rendering detailed limbs and face drawings on the croqui Designing of different necklines such as round neckline, square neckline, V neckline etc. Designing of different sleeves like puff sleeve, raglan sleeve, kimono sleeve etc. Designing of different skirts like pleated skirt, gathered skirt, gored skirt, skirt with yoke, skirt with waist band; ethnic and western pockets, drapes, folds and gathers, frills, flounces, bias cuts.	SMR	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2022 TO MARCH 2022	3 <sup>RD</sup>	FAD 301	Introduction to quality concept: Definition and concept of quality, product specifications and standards. Sampling: Sampling technique and random sampling procedures. Quality Assurance: Statistical Quality Control: Total Quality Management: ISO 9000 (ISO-9001-2000) & ISO 14000	SMR	20		
		FAD 302	Aesthetic and Functional Finishing: Calendaring and pre-shrinking, Softening and stiffening, Crease resistance or wrinkle recovery finishes, Water repellent finishes and water proofing, Antimicrobial / rot resistance finishes, Flame retardant / flame proof finishes of cellulosic textiles, Bio polishing of cotton, Enzyme washes - Vs - stone wash of cotton denim / jeans Soil release / stain resistance finishes, Antistatic finishes, UV Protection finishes of synthetic textiles and Silky finish of polyester (weight reduction of polyester). Weighting of silk fabrics, Scroopy - Finish of silk fabrics.	SM	20		
		FAD 303	Fashion Illustration, Illustrations of Garments & garment design details, Fashion Illustrations details	SMR	20		
		FAD 304	Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment. Critical factors for fashion life cycle analysis and forecast. Color forecast and its importance, seasonal demands and variations in design of garments. International garment business and its trend analysis. Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Specific garment processing machines and their working.	SMR	20		
		FAD 305	Financial Management, Sources of finance, Investment decision, public and government borrowings. Working capital, bank funding, calculative risks, financial planning and control, inventory control and purchase technique, marketing link and sales promotion measures. Cost-Vs-revenue and profit. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account. Financial statement analysis, Financial indicators and ratios. Profit volume ratio. Break-even analysis. Accounting ratios. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	SMR	15		
		FAD 306	2D & 3D Computer aided pattern making (Using TUKA – CAD / GERBER / LECTRA Technology). Computer aided pattern making, marker planning, sizing, grading and draping of garments for different types of men/women/children wear. Computer aided Fashion illustration techniques, using fashion illustration software.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2022 TO MARCH 2022	3 <sup>RD</sup>	FAD 307	Mercerizing of cotton, degumming of silk and scouring of wool. Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing	SM	20		
		FAD 308	Fashion Illustration Practical for Garments, Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways. Illustration of different men, women and children wearing practice..	SMR	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2022 TO JUNE 2022	3 <sup>RD</sup>	FAD 301	Apparel Production and quality control: Work study, time and motion study and line – balancing / assembly line layout, optimization of space and infrastructure (Plant lay - out), utilization of maximum available machine hour and man-hour, reduction of idle time, Production bottlenecks. Specification of garments Quality Control and Cost:	SMR	20		
		FAD 302	Decatizing of woolen and silk goods, Shrink proofing of woolen goods, Milling of woolen goods etc. Special finishing like chemolonic, costume/ fragrance, thermotropic, chromotropic and other smart polymeric finishes Fault free finishes on textiles and garments	SM	20		
		FAD 303	Garment Design and Analysis: Elements of Textile Design: forms, balance, rhythm, symmetry, colours, relation of colour with fashion. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour, application of fashion analysis (fashion elements, and market research, fashion awareness and combination of factors in fashion / design selection). Identification and forecast of colour and fashion preferences and search of fashion elements for visual merchandising of garments.	SMR	20		
		FAD 304	Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Softening of garments by different methods: Garment washing, Different types of garment finishing	SM	20		
		FAD 305	<u>Costing</u> : Principles and object of costing. Different method of costing. Cost–Vs.-pricing. Revenue generation. Manufacturing cost-control techniques. Cost reduction approaches in garment manufacturing industry. Factor affecting cost and pricing. Cost-volume-profit analysis (yarn and fabrics). Costing applicable for textile product / and garments etc. Analysis of fund flow, cash flow.	SMR	15		
		FAD 306	Use of computer for Fashion cycle, fashion forecasting, fashion marketing. Role of designers in creating fashionable garments & its merchandising .Study of different computer software for textile weaving design. Preparation of Checks and Stripes or dobby designs using computer aided weaving CAD module. Computer aided print design preparation for surface embellishment and decoration. Computer aided garment designing: Preparation of Basic block, Skirt Block, Trouser Block using the Pattern Drafting by Tuka-CAD Software. Pattern Drafting of Skirt variations and shirt patterns.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2022 TO JUNE 2022	3 <sup>RD</sup>	FAD 307	Chemical Finishing: Application of common finishes such as softening agent, stiffening agent, optical brighteners, bleaching agent, etc. on cotton and other textiles and garments and their evaluation. Application of anti-crease, water repellent /water proof, flame retardant and rot resistant finishes on cotton and other textiles and garments. Application of anti-static and soil release finishes on synthetic textiles and garments. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc. Evaluation of important functional properties of textiles and garments before and after different finishing	SM	20		
		FAD 308	Portfolio Preparation and Presentation: Techniques of systematic developing, designing and filing the design work of a line of garment based on particular theme, purpose and targeted customer as portfolio – with specification sheets sketches of draping, illustration and cost structure and with sample of actual garment and its photograph etc. Different types of portfolio presentation and their uses. Organizing portfolio for sales of design work and fashion marketing.	PS	20		
		FAD 309	Assignment during internship on textile design collection and garment designing and sewing, to get 1 <sup>st</sup> hand knowledge on textile fabric design development and garment design related to fashion design and garment designing on specific themes. Assignment to understand the role of textile and garment designers and to understand different market sectors, production methods and related construction of fabrics and garments Design Project and portfolio Preparation:	SMR	1 MONTH INTERNSHIP  TRAINING		
		FAD 310	Each student shall be required to carry out under supervision of one or more teacher or teachers as guide and/or co-guide , by carrying out an original investigation work on any problem related to textile processing or garment production / finishing / design, marketing etc. related to his/her studies. Each student shall submit three copies of typed written and bound dissertation embodying the survey, questionnaires/photographs/design work or experimental work and results of their investigation along with analysis and collected designs with specification sheets and other details of the product development / other work done.	PS  SM  SMR	3 MONTHS TRAINING		

## LESSON PLAN UNDER CBCS SYSTEM FOR BFAD (HONS) DEGREE COURSE

<b>Semester 1(July to December)</b>			
Name of The Paper	Topics to be Covered	No. of Lectures	Name of the Teacher
FAD/A/I/CC1  Theory	1. Fundamental concepts of fibre	4	SM
	2, Introduction to natural fibres- Composition, Physical and Chemical structure, Chemistry, Properties and Uses of following Natural Fibres	8	
	3. Introduction to man-made fibres	2	
	4. Introduction to Yarns	2	
	5. Objectives of blow room, carding, drawing and spinning, yarn twisting.	4	
	6. Different types of fancy yarns production, Sewing Thread	4	
	7. Yarn Preparatory	4	
Practical	1. Testing of fibres	6	SM
	2. Yarn Testing	6	
FAD/A/I/CC2  Theory	1.Introduction of patterns: Need of pattern making.	2	PS
	2. Introduction to technical skills in pattern making and garment production	2	
	3. Study on different types of stylelines used in garments	2	
	4. Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts	6	
	5. Necklines and Plackets:	4	
	6. Collars and Facings, Sleeves and Pockets	4	
	7. Introduction to sewing	6	
Practical	1. 1. Principles of pattern drafting through block construction and dart manipulation:	6	PS
	2. Temporary and permanent hand stitches, plain seam, flat seam and ridge seams, Variation in pleats, darts, tucks, gathers and facings	6	
	3. Drafting of pattern for Skirt	6	
	4. shirts, trousers, kameez, salwar, churidar and jacket.	6	
FAD/A/I/AECC1  Theory	1. Grammar: noun, pronoun, adjective, verb, adverb, conjunctions, preposition, tense, voice, articles, phrases and clauses	2	AG
	2. Communication skills	4	
	3. Reading skill, writing skill and listening skill	4	
	4. Dialogue writing, drafting job application, notices, Correspondence	4	
	5. Preparation of bibliography, Project Report: Preparation of Project Reports	4	
	6. Preparation of curriculam vitae (Bio-data/ Resume). Writing application for jobs, reporting to news paper for any incident etc.	4	



<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/I/GE1  Theory	1. Different sources of inspirations for textile design: designs from Indian Mythology, motifs, sculpture, civil art, nature, aquatic life, ornaments	4	SM
	2. Concept of designs of Textiles in designing Textile Fabrics and apparels for different end-use purposes for different class of people and age.	4	
	3. Positioning of motifs and idea of repeats in design. Design development in different forms	4	
	4. Basics of woven design of Textiles, weaving in handlooms,	4	
	5. Textile designing by Tie-dye and Printing of Textiles		
	6. Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.	4	
Practical	1. Placement and Repeats of design blocks in different ways and means on paper sheet.	2	SM
	2. Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design.,	4	
	3. Woven design development in sample forms- plain, twill, checks, stripes etc	8	
FAD/A/I/GE2  Theory	1. Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman.	2	SMR
	2. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes	3	
	3. History of Indian and Western costumes:	2	
	4. History of Fashion: elements of fashion; Western and Indian traditional textiles and fashion relationship	2	
	5. Study on Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, et	4	
	6. Study on development of various craft work of different States of India and Woven Textiles	4	
Practical	1. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics	2	SMR
	2. Creation of Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	4	
	3. Accessories Design	4	
FAD/A/I/GE3  Theory	1. Visual Arts: Observing and recording of information through various kinds of drawings	2	SRC
	2. Design Studio and its utility in garment design	2	
	3. Definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour	2	
	4. Principles of Design, elements of design	2	
	5. Colour: importance, primary, secondary and tertiary colours, colour harmony complimentary colours.	2	
Practical	1. Basic design drawing in scale and use of Different Drawing Media	2	SRC
	2. Design development: growth of motif, enlarging and reducing a motif, placement for all over pattern. Colour: colour wheel	2	
	3. Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles	2	
	4. Visualization of garments and dress forms from various angles and perspective with accessories	2	
	5. Use of new media services, web – information, multimedia design studio and design communication, Visual illustration of textile art and fashion	2	

<b>Semester II(January to June)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/II/CC3 Theory	1. Fundamentals of weaving, Principles of working of looms (hand looms and power looms), primary and secondary motion of looms and their functions.	4	<b>SM</b>
	2. Analysis of basic weaves; Plain and twills, Checks and Stripes, colour and weave interaction, derivatives of basic weaves; Satin and sateen weave, dobby, jacquard, pile weave including cut and uncut pile, Representation of simple weaves on graph paper with drafting plan.	8	
	3. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks,	6	
	4. Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines.	4	
	5. Principles of forming non-woven fabrics. Different techniques and mechanism of non-woven fabric formation. Properties of non-woven fabrics	2	
Practical	1. Fabric identification and design analysis. Fabric specifications of some common fabrics	5	<b>SM</b>
	2. Fabric identification of different woven and knitted sample	5	
	3. Collection of fabric sample and analysis of the same for file work	5	
FAD/A/II/CC4 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts, frock, Kameez, salwar etc	2	<b>PS</b>
	2. fundamental concepts of garment styling, designing and drawing (flat sketch), pattern making, marker planning, cutting, sewing and finishing	4	
	3. Different types of seams, different stitches, code of stitches and stitch numbers. Details of different types of industrial and domestic sewing machines and feed mechanism, sewing needles and its specifications, sewing threads; types and requirements. Sewing problems.	4	
Practical	1. Development of various types of seams, pleats and their application in garment	4	<b>PS</b>
	2. Practise on Dart Manipulation	4	
	3. Development of different garments and decorative samples with surface embellishment.	4	
	4. Practise on Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari- blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants and coat (suit), ladies-salwar/churidar and kameez etc	8	
FAD/A/II/SEC -A Theory	1. Components of Computer; Peripherals; Hardware and Software; History of Computer from 1st Generation to Present.	2	<b>PS</b>
	2. Introduction to MS Word	2	
	3. Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images.	2	
	4. Fundamentals of CAD Software and its use:	2	
	5. Introduction to different operation systems for effective use of the followings: Inserting Objects, hyperlink and Placing Tables:	2	
	5. Introduction to Corel draw& Photoshop	2	
FAD/A/II/GE- 4 Theory	1. Definition of fashion and fashion life cycle, consumer and fashion relationship. Creative fashion and Fashion season. Style and fashion survey and forecasting.	2	<b>SMR</b>
	2. Fashion illustration and various mediums used in fashion illustration	2	
	3. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 heads.	2	
	4. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend	2	
	5. Rendering of fabrics and its different techniques	2	
	6. Different presentation techniques of various wears of children, women and men.	2	

Practical	1.Designing and developing a line of garment based on a particular theme (beachwear; swimwear; casual wear; sportswear; nightwear; cocktail wear; eveningwear; ramp wear; executive wear; traditional Indian costume of different states and their variations in design.	4	<b>SRC</b>
	2. Garment designing and draping with rendering.	4	
	3. Fashion Illustration Practical for Garments.	4	
	4. Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways	4	
FAD/A/II/GE-5	1. Origin of fashion Accessories. Introduction to various fashion accessories.	2	<b>SMR</b>
	2. History of fashion accessories like jewellery,belts, shoes, footwear, hats, caps, bags	8	
	3. Study on the principles of design of Fashion accessories and the problems in designing fashion accessories.	2	
	4. Study of development of decorative and fashionable footwear	2	
Practical	1. Creation of various types of bags using various types of raw materials like fabric, cord, beads, plastic mat, leather. etc	2	<b>SMR</b>
	2. Creation of various types of hats and caps by using various raw materials.	2	
	3. Deigning of shoes	2	
	4. Design development of various types of jewellery	2	
FAD/A/II/GE-6 Theory	1. Entrepreneurship: Definition and motivational characteristics importance women's Entrepreneurship in the Indian Economy. Scope of Entrepreneurship in garment and textile sector. Role of technical and managerial knowledge for entrepreneurship development.	4	<b>SM</b>
	2. Business environment for the Entrepreneur: Government of India's policy towards promotion of Entrepreneurship, reservation and sanctions for small-scale sector, medium scale sector and large-scale sector. Importance of business communication procedures	4	
	3. Governmental regulation and reviews in business, legal matters – licenses, registration, etc.	4	
	4. Launching and Survival of business	2	
	5. Market survey, Project preparation and Business communication: Knowledge and skills for market survey and research. Importance of business communication. Elements of project preparation: Principles, procedure, formatting and formulation of project proposal, budget estimate	6	
Practical	1. Assignment to Develop a project proposal for setting up a yarn making and woven garment factory	5	<b>SM</b>
	2. Assignment to Develop a project proposal for setting up an apparel manufacturing or textile manufacturing factory	5	
	3. Project preparation for establishing a dye house or printing factory or knitting factory.	5	

<b>Semester III(July to December)</b>			
Name of The Paper	Topics to be Covered	No. of Lectures	Name of the Teacher
FAD/A/III/CC5 Theory	1. Preparatory processes for different textile fabrics before dyeing and printing: Desizing, scouring, bleaching and drying of textiles from natural, man-made fibres and their blends. Mercerisation of cotton, woolenisation of jute, degumming of silk, and scouring of raw wool.	6	SM
	2. Dyeing: Classification of dyes, Chemical constitution and colour of dyes. General theory of dyeing and application of direct, acid, vat, reactive, disperse, azo dyes on cotton, wool, jute, silk and synthetic fibres using standard method	6	
	3. Colour Science: Colour measuring parameters and colour communication. Colour matching manual and computer – aided. Test of colour fastness to wash, light, rubbing, perspiration and heat etc	6	
Practical	1. Preparatory Finishing: Desizing, Scouring, Bleaching	5	SM
	2. Dyeing of cotton using Direct dye and Reactive dye	5	
	3. Woolenisation of Jute yarn	2	
FAD/A/III/CC6 Theory	1. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance.	2	SMR
	2. Embroideries of different states in India.	6	
	3. Dyed, Painted and Printed Traditional Textiles of India.	4	
Practical	Creation and Practice of Surface Ornamentation through stitching/ surface embellishment/ trimmings and tie-dye and Printing & Painting: Block, stencil, spray, screen, discharge, hand painting on fabric	4	SMR
	2. Practice of different Traditional Embroideries of India	8	
	3. Creation of surface ornamentation like Quilting, sarawski patchwork, jariwork, and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	6	
FAD/A/III/CC7 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts frock etc	2	PS
	2. Study of basis of garment construction and pattern making for children, men and women's wear for woven fabrics and knitted fabrics.	2	
	3. . Casual jacket and sloper construction. Development of style and designing of men's garments with variations in collars, sleeves, pleats, pockets, darts, gathers etc,	4	
	4. Drafting Women's top or shirt, trouser, skirt, salwar-kameez with variations and manipulation of design element having balance and fit.	4	
	5. Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's .and women's casual wear	4	
Practical	1. Pattern making of fashionable ladies wear	4	PS
	2. Pattern making for men's wear	4	
	3. Cutting, laying and stitching of garments for ladies and gents wear for different seasons and occasion.	4	
FAD/A/III/AECC2 Theory	1. Fundamentals of environment, ecology, environmental pollution	4	SM
	2. Natural resource management. sustainable development.	4	
	3. Eco system, earth science, geological hazards, earth resources, water resources	4	
	4. Environmental management in industries .	4	

			<b>SMR</b>
FAD/A/III/GE-7 Theory	1. Marketing Management	2	
	2. Textile Merchandising and Visual merchandising	2	
	3. Costing and Pricing	2	
	4. Quality control in textile merchandising quality assurance and customers satisfaction	2	
	5. Retail fashion merchandising	2	
	6. Fashion Marketing, Fashion forecasting	2	
	7. International Marketing and export formalities	2	
Practical	1. Assignment on Development of project for visual merchandising of specific product by drawing and planning	4	<b>SMR</b>
	2. Assignment of Development of a store house/ display house with proper illumination and application of light in visual merchandising concept	4	
	3. Assignment or survey for supplychain management for retail and E-tail marketing	4	
	4. Market survey and fashion photography and their critical analysis.	4	
FAD/A/III/GE-8 Theory	1. Sources of finance, Investment decision, public and government borrowings.	2	
	2. Working capital, bank funding, calculative risks, financial planning and control,	2	
	3. Cost-Vs-revenue and profit.	2	
	4. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	2	
	5. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account.	2	
Practical	1. Assignment for Preparation of budget for a garment company for the current financial year	2	
	2. Assignment for Preparation of cost sheet of garments and its pricing	2	
	3. Assignment of Project planning in terms of cashflow for setting up a textile or garment industry.	2	
		2	

<b>Semester IV (January to June)</b>			
Name of The Paper	Topics to be Covered	No. of Lectures	Name of the Teacher
FAD/A/IV/CC8  Theory	1. Different styles of printing: direct, resist, discharge, flock and transfer printing. Different methods of printing: block, stencil, roller, screen and rotary screen printing.	4	SM
	2. Process of printing and print fixation method.	4	
	3. Aesthetic and Functional Finishing	4	
	4. Special finishing like chemolonic, costume/ fragrance, thermo-tropic, chromotropic and other smart polymeric finishes	4	
Practical	1. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing	4	SM
	2. Application of common finishes such as softening agent, stiffening agent, optical brighteners,	4	
	3. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc.	4	
FAD/A/IV/CC9  Theory	1. Fundamental knowledge of Illustration.	2	SMR
	2. Fashion illustrations of Garments & garment design details	6	
	3. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour	2	
	4. Development of conceptual thinking and visual identity, designing creatively for a number of customers, functions and markets, implementation of visual rendering in the patterns and development of textile fabrics and garments	4	
Practical	1. Comparative study between the various materials while developing individual themes; personal investigation and experimentation of different materials.	2	SRC
	2. designing of various types of dresses like formal, casual, semi-formal, leisure by line sketch	4	
	3. figure studying with different styles, hand, feet, hairstyles, face etc. Rendering and types of rendering	4	
	4. Spatial representation through colour and line	4	
FAD/A/IV/CC10  Theory	1. Garment Sizing: Sizing of garments in different countries, principles of sizing and development of size chart	4	PS
	2. Grading of Patterns to Various Sizes.	4	
	3. Sizing of different components of men's, women's and children wear.	4	
	4. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components	4	
	5. Draping Collars and sleeves.	4	
	6. Draping a basic skirt with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt)	4	
Practical	1. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and stylelines neckline	4	PS
	2. Draping a basic skirt with its variation	4	
	3. Draping Collars and sleeves	4	
FAD/A/IV/SEC-B	1. Introduction to Event Management- types, categories, sports, rallies, wedding, Fashion corporate events.	2	SMR
	2. Principles of event management, key roles, fashion show, fairs and trade show, product launch.	2	
	3. Role of event co-ordinator, administration, marketing, operations, risks etc.	2	
	4. Preshow marketing and post event follow up.	2	
	5. Licenses and permission obtained, Risk management for prevention of hazards, security for people and merchandise.	2	
	6. Event planning, costing and man power planning.	2	

FAD/A/IV/GE-9 Theory	1. Fashion Journalism	2	<b>SMR</b>
	2. Elements of reporting on fashion events and shows in journals and dailies highlighting fashion forecast, creativity and inspiration of designers with	2	
	3. Fashion Photography	4	
	4. Fashion communication	4	
Practical	1. Learning to do fashion photography	2	<b>SMR</b>
	2. Learning about various ways of fashion communication	2	
	3. Preparation of small video recording on fashion show and reporting on the same and do critical analysis	2	
FAD/A/IV/GE-10	1. Human Resource Management, leadership, human resource planning and selection policy.	6	<b>SM</b>
	2. Performance appraisal	4	
	3. Human resource development and staffing.	4	
	4. Business organization and communicative skill	4	
	5. Organisational decisions, employee development and managerial skill.	4	
Practical	1. Assignment on development of organizational structure of garment industry and planning the personnel management	6	<b>SM</b>
	2. Assignment on preparing a project report on the staff selection process and training of personnel.	6	

<b>Semester V(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/V/CC11 Theory	1. Learning about tools of M.S. paint, paint brush; use of various colours and to edit colours.	2	<b>SMR</b>
	2. Learning about interactive tools of corel draw and tools of Flash for graphics design and animation.	4	
	3. Learning about Abode Photoshop; manipulating colour table; CMYK colour conversion.	2	
	4. Introduction to Auto CAD; design of components and assembling layout of a factory shed; design and drawing of three dimensional objects; use of different Auto CAD tools	2	
Practical	1. Practice to get acquainted with interactive tools of corel draw	4	<b>SMR</b>
	3. Practice to get acquainted with tools of Flash for graphics design and animation;	4	
	4. Practice to get acquainted with Abode Photoshop	4	
	5. Preparation of Motifs in lattices and placement of different repeats; Using digital colour theory and derivation of screens for flat screen printing.	4	
	6. Theme based assignment on designing using Coreldraw , Adobe Photoshop and Flash-I and II softwares	4	
FAD/A/V/CC12 Theory	1. Standard body measurement and pattern making for adult garments	2	<b>PS</b>
	2. According to the pattern preparation of marker plan, study on different types of garment	2	
	3. Development of style and designing of men's garments with variations in collars, sleeves, pleats, pockets, darts, gathers etc	4	
	4. Drafting Women's top or shirt, trouser, skirt, salwar-kameez with variations and manipulation of design element having balance and fit	4	
Practical	1. Design Development of garments for men's wear with special reference to designer costumes and special purpose wear.	4	<b>PS</b>
	2. Design Development of garments for women's wear with special reference to designer costumes, special purpose wear.	4	
	3. Design development for maternity wear, swim wear, beach wear etc.	4	
FAD/A/V/ DSEA1 Theory	1. Production planning, flow chart process of production,	4	<b>SMR</b>
	2. Plant layout, line layout, material handling, production control, capacity analysis	4	
	3. Work study, Method study, Garment engineering, line balancing, activity sampling, cycle checks, time study, etc.	6	
Practical	1. Development of activity sampling chart of an industr	4	<b>SMR</b>
	2. Preparing charts on work study, method study	4	
	3. Preparing sample plant layout under different production systems Learning to do market survey and accordingly develop the fashion forecast plan	4	
FAD/A/V/DSEA 2 Theory	1. Colour Science and Computer Aided Colour Measurement and Matching: Introduction to colour science, colour terms and definitions, colour communication, computer aided measurement of colour parameters of textiles. Theory of computer aided colour matching and formulation generation.	4	<b>SM</b>
	2. Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Specific garment processing machines and their working	4	
	3. Softening of garments by different methods: aerodynamic principles, hydro entangling method, chemical method	2	
	4. Garment washing, bleaching, fading and dyeing; garment processing and washing machines and their working.	2	
	5. Finishing of cotton denims - regular/irregular fading, sandblasting, Acid washing and stonewashing.	2	
Practical	1. Wet processing and different methods of washing of garment.	4	<b>SM</b>
	2. Softening of garments by different methods.	4	
	3. Different types of garment finishing.	6	
FAD/A/V/DSEA 3 Theory	1. Eco-friendly textiles and processes: Concept of green technology and clean processing and products in textile and garments.	4	<b>SMR</b>
	2. Concept of eco friendly textiles, Parameters for eco friendly textiles as per German (OTN-100,) European (OEKO-TEX-100) and Indian (Eco-mark) standards.	4	
	3. Eco parameters and their testing and control. Testing of eco-friendly products.	4	



	4. Sustainability of eco-friendly products	4	
	5. Different techniques of producing eco-friendly textiles and garments	4	
Practical	1. Testing of eco-friendliness of textile products	4	SMR
	2. Practising eco-friendly dyeing, printing and finishing processes	4	
	3. Different types of garment finishing	4	
FAD/A/V/DSEA 4	1. Review of contemporary fashion and development of costumes through ages	2	PS
	2. Creation of fashion according to season, buying habit of consumers etc	2	
	3. Fashion forecast, fashion cycle	2	
	4. Fashion forecasting agencies, fashion forecasting journals, Colour forecast, colour forecasting agencies	2	
	5. Fashion centres, product lifecycle, product development	2	
	6. Designing of costumes according to age, gender and purpose	2	
	7. Design analysis and adaptability in garments	2	
Practical	1. Learning to do market survey and accordingly develop the fashion forecast plan	2	PS
	2. Learning to design garments on the basis of market survey, research and development and fashion	2	

<b>Semester VI (January to June)</b>			
<b>Name of The Paper</b>	<b>Topic to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/VI/CC13 Theory	Each students has to go for 8 weeks internship after the end of Part II examination or at the start of Part-III course of studies in any relevant industrial organization / export house related to textiles or garments or related to marketing organization	<b>2 months internship at the industry</b>	<b>SMR</b>
Practical	Assignment during internship on textile design collection and garment designing and sewing, to get 1st hand knowledge on textile fabric design development and garment design related to fashion design and garment designing on specific themes. Collection of designed garments ,their analysis and market survey to develop an understanding of requirement of various fabric type and texture in relation to design aspects of the garments of men ,women and children or home textiles/ home furnishings.		
FAD/A/VI/CC14 Theory	1.Each student shall be required to carry out under supervision of one or more teacher or teachers as guide and/or co-guide , by carrying out an original investigation work on any problem related to textile processing or garment production / finishing / design, marketing etc. related to his/her studies. Each student shall submit three copies of typed written and bound dissertation embodying the survey, questionnaires/photographs/design work or experimental work and results of their investigation along with analysis and collected designs with specification sheets and other details of the product development / other work	<b>3 months training period</b>	<b>SM, SMR PS</b>
	2. Each student shall be required to work under supervision of one or more teacher or teachers and prepare a portfolio on garment design and collection development.		
Practical	Each student shall be required to work under supervision of one or more teacher or teachers and prepare a portfolio on garment design and collection development		
FAD/A/VI/DSEB1 Theory	1.Importance, history, types of textile museums in India	<b>2</b>	<b>PS</b>
	2. Basics of textile conservation, principles, materials, types of conservation	<b>2</b>	
	3. Factors causing deterioration in textiles, damages that occur, restoration	<b>2</b>	
	4. Collection maintenance, workspace and equipment, housekeeping, checking and monitoring, handling and packaging	<b>2</b>	
	5. Storage and display, Different ways of storage	<b>2</b>	
Practical	1. Study on museums, examination of textiles in order to know their behaviour	<b>2</b>	<b>PS</b>
	2. Collection of conservation quality materials and documentation on textile conservation	<b>2</b>	
	3. Wardrobe Planning and Insect or pest control plan	<b>2</b>	
	4. Efficiency of washing and detergency etc	<b>2</b>	
FAD/A/VI/DSEB2 Theory	1. Selection of samples for testing, sampling procedures and statistical quality control.	<b>2</b>	<b>SM</b>
	2. Testing of physical and chemical parameters of textile fibres, yarns and fabrics	<b>4</b>	
	3. Special testing procedures for nonwoven and technical textiles.	<b>4</b>	
	4. Quality control in textile industry, quality circles and standardisation of textiles	<b>4</b>	
Practical	1. Testing of physical and chemical parameters of fibres, yarns and fabric	<b>4</b>	<b>SM</b>
	2. Testing of non-woven and technical textiles	<b>4</b>	
FAD/A/VI/DSEB3 Theory	1. 2D & 3D Computer aided pattern making (Using TUKA – CAD / GERBER / LECTRA Technology). Computer aided pattern making, marker planning, sizing, grading and draping of garments for different types of men/women/children wear. Computer aided Fashion illustration techniques, using fashion illustration software	<b>4</b>	<b>PS</b>
	2. Use of computer for Fashion cycle, fashion forecasting, fashion marketing. Role of designers in creating fashionable garments & its merchandising	<b>4</b>	
	3. Study of different computer software for textile weaving design.	<b>4</b>	
	4. Computer aided textile design and garment design	<b>4</b>	

Practical	1. Preparation of checks and stripes and dobby / jacquard designs using computer aided weaving design module.	4	<b>PS</b>
	2. Computer aided grading and sizing of basic blocks and understanding digital grading systems	4	
	3. Preparation of basic block, skirt block, trouser block, shirt block etc. using computer aided pattern drafting by Tuka – CAD software.	4	
	4. Computer aided pattern drafting of skirt variations and shirt patterns with collar variations etc.	4	
FAD/A/VI/DSEB4 Theory	1. Introduction to quality concept	2	<b>SMR</b>
	2. Sampling technique and random sampling procedures.	2	
	3. Audit of quality Plans, planning & performing quality audits, quality survey and product auditing. Fabric defects and Pareto–chart. Defects in garments and their remedies.	2	
	4. Statistical Quality Control	2	
	5. Total Quality Management	2	
	6. ISO 9000(ISO-9001-2000) & ISO 14000 Concept and its Study	2	
	7. Apparel Production and quality control and Cost reduction techniques	2	
Practical	1. Quality checking of garments	4	<b>SMR</b>
	2. Learning techniques of quality checking of garments	6	
	3. Quality control chart preparation	6	

**RANI BIRLA GIRLS' COLLEGE**

**38, SHAKESPEARE SARANI**

**KOLKATA-700017**

*Criterion: 1*

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Index Number: 1.1

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SUBTITLE: LESSON PLAN

DEPARTMENT: FASHION AND APPAREL DESIGN

YEAR: 2022-23

**LESSON PLAN OF 1<sup>ST</sup> YEAR OF B.F.A.D. DEGREE COURSE UNDER PART SYSTEM**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2022 TO SEPTEMBER 2022	1 <sup>ST</sup>	FAD 101	Grammar: noun, pronoun, adjective, verb, adverb, tense, voice, article, clause, parts of speech, preposition, punctuation, and capitalization, Transformation of Sentences.	AG	16		
			Communication skills: What is communication? Function and purpose of communication, process of communication, models of communication, noise and barriers to communication. Types of communication: oral, written, non- verbal. Brief narrating/reporting incidents/ happenings/ accident, etc.				
		FAD 102	Introduction: definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour.	SRC	2		
			Principles of Design: Concept and Concern. History of art, craft and Designs, Definition of Design. Different Forms of Design and its purposes. Rules of Design Development: Elements of Design, Design Structures and Sources of Design for Drawing of Designs. Definition of fashion and fashion cycle and fashion seasons. Designing and stylizing of garments and design of accessories: Impact of light and shadow effect in garment design, rendering of fabric design, application of stylization in garment designing	SMR	24		
		FAD 103	Fundamental concepts of fibre, Basic requirements of a polymer to be suitable for forming textile fibres, essential characteristics of a textile fibre, classification of textile fibres, essential properties (physical and chemical)- of a textile fibre-their terms and definition. Concept of fibre structure Degree of order and Crystallinity, degree of orientation, structure property relationship. Fine and Gross Fibre structure of Viscose, Cotton wool, silk, jute, acrylics, nylon, polyester and other fibres and their properties.	SM	16		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2022 TO SEPTEMBER 2022	1 <sup>ST</sup>	FAD 104	Introduction to yarn and fabric dimension, property parameters, construction, types and specification of textile yarn and fabrics. General flow chart for yarn manufacture and fabric manufacture for understanding and acquaintance with mechanical processing of textiles. Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts.	SM	10		
		FAD 105	Brief history of Indian textiles from ancient times to the present. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance. Design status of costumes of different states of India and their specialty for men, women and children of respective states. Study of the textiles, costumes and surface ornamentation of all Indian states Woven Textiles	SMR	20		
		FAD 106	Introduction of patterns: Need of pattern making. Tools and materials used for pattern making and terminologies used in pattern making, symbols used in pattern making. Introduction to technical skills in pattern making and garment production. Figure Measurement: general principles, taking direct measurements. Fundamental pattern construction processes and applying these to produce garments	SMR	12		
		FAD 107	What is Computer? Components of Computer; Peripherals; Hardware and Software; History of Computer from 1 <sup>st</sup> Generation to Present. MS Windows: What is Windows? General features of MS Windows; GUI-Graphical User Interface; Multitasking; WYSIWYG-What You See is What You Get; Special features of MS Windows; parts of MS Windows; screen, types of windows; shutting down windows, Windows Explorer; working with folders; using recycle bin. Control Panel: Introduction to Control Panel; starting with the Control Panel; Control Panel: display, background properties, screen saver properties, appearance properties, mouse properties, button configuration, double-click speed.	PS	12		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 20122 TO SEPTEMBER 2022	1 <sup>ST</sup>	FAD 108	Basic design drawing in scale and use of Different Drawing Media: Scaled Drawing as an aid to design; Writing Alphabets and different elemental unit of design in specific dimension and shapes, concepts of proportion – balance of proportion, rhythm of proportion etc. Observation and implementation of manual on the drawings using different pencils 2B, 4B, 6B, charcoals, different types of pencil colours and water colours; usage of different pencil and water colours; making light and deep shades, use of computer for drawing of design.Basic Designing and Sketching (on paper sheet):	SRC	24		
		FAD 109	Drawing of patterns for different garment with standard measurement at proportions with desired fit and allowances. Principles of block drafting and design manipulation and accordingly pattern drawing. Standard body measurement and pattern making for basic bodice block and few simple children and adults' garments.Making Paper Pattern of the following garment components in ½ Scale and also making samples of the following garment components: - Collars: convertible, mandarin, wing, peter pan, sailor, bertha, shirt collar, notched collar, shawl collar and its variations Necklines: V-neck, square neck, sweetheart, raised necklines, scooped necklines, boat, cowl. Variations in necklines. Sleeves: puff, flared, balloon, leg-o-mutton, cap, cowl, bishop, short, lantern, circular, kimono, raglan. Variations in Sleeves.Pockets (inset pocket; patch pocket and in-seam pocket.), Waistbands & Plackets with different variations.	PS	32		
		FAD 110	Textile Testing, Fibre Testing: Staple length / fineness (denier), Crimp etc. Testing of Strength, elongation, shrinkage of fibres.Yarn Testing: count, denier, twist, crimp and crimp rigidity, elongation.	SM	30		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2022 TO DECEMBER 2022	1 <sup>st</sup>	FAD 101	Reading skills: What is reading? Purpose of reading, types of reading: skimming, scanning, extensive reading, intensive reading, and loud and silent reading, Listening skills: What is listening? Types of listening: casual listening, focused listening, hearing and listening. Purpose of listening: material to be recorded, acquiring information. Semantic markers, using abbreviations, taking dictations. Writing skills: What is a sentence? Subject and predicate, phrase and clause, parts of speech, types of sentence: simple, compound, complex, writing paragraphs, summary writing, linkage and cohesion, linkers in paragraphs, structure of writing, spell check and conversion of long sentences to small sentences. Correspondence: What is correspondence? Letter writing, general and official correspondence, writing resume, comprehension, précis writing, essay writing	AG	21		
		FAD 102	Design development by various ways: rotation, brick effect, mirror effect, step drop effect, half drop effect, pillar effect, batik technique, tie and dye technique, spray technique. Visual Arts: Observing and recording of information through various kinds of drawings. Design Studio and its utility in garment design:	SRC	16		
		FAD 103	Composition, Physical and Chemical structure, Chemistry, Properties and Uses of Natural Fibres <ul style="list-style-type: none"> <li>• Cotton: a natural cellulose fibre.</li> <li>• Jute, Flax, Ramie: natural lignocellulosicfibres</li> <li>• Wool and Hairs: natural protein fibres</li> <li>• Silk: natural protein fibre</li> </ul> Minor Natural Fibres: vegetable (Banana, Sisal, Coir, Pineapple, Bamboo)	SM	16		



ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2022  TO DECEMBER 2022	1 <sup>ST</sup>	FAD 104	Introduction to Yarns: Definition structure and property criteria. A general outline of sequences of process involved in the conversion of textile fibres to yarns. Properties of different common commodity fibres, yarn numbering system (direct and indirect systems), relationship between various yarn counting systems, conversion of yarn counts. Objectives of blow room, carding, drawing and spinning, yarn twisting. Flow chart for production of various yarns in different spinning systems, yarn twist, twist factor and yarn properties. Influences of process parameters on yarn properties. Different types of fancy yarns production, textured yarns and flat filament yarns and their properties. Sewing threads: types, requirements and properties.	SM	22		
		FAD 105	Embroideries, Dyed, Painted and Printed Traditional Textiles of India: Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era influenced by theatres, films, entertainment business, magazines, TV and cultural heritage.	SMR	22		
		FAD 106	Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts. Basic ideas on proportions, balance and fit for drawing and preparing pattern Principles of pattern drafting through block construction and dart manipulations for different men, women and children wear. Necklines and Plackets: terminology, classification and different types of necklines and plackets. Variations in necklines and plackets. Collars and Facings: terminology, classification, various types of collars such as convertible, mandarin, wing, role, peter pan, sailor, shawl, notch, bishop, Chinese, ruffle mandarin, shirt. Variations in collars and facings. Sleeves, pockets	SMR	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
SEPTEMBER 2022 TO DECEMBER 2022	1 <sup>ST</sup>	FAD 107	Introduction to MS Word: starting with Word; parts of MS Word screen; starting a new document; navigating the document; file handling; editing the text; formatting the text. Making familiarize with Computer. Components of Computer, Hardware and Software; Starting and Shutting down of Computer; Familiarization with PC, including Micro Computer and its accessories for effective use. Introduction to different operation systems Mail Merge, Views, Printing and Creating Styles: Mail Merge; Views; Ruler; Zooming; Summary information; Print setup and Print	PS	18		
		FAD 108	Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles Placement and Repeats of design blocks in different ways and means on paper sheet Placement and Repeats of design blocks in different ways and means on paper sheet	SRC	26		
		FAD 109	Practical working in sewing machine, Understanding different parts of sewing machine and their functions. Practical Work on Disposal of Fullness on garment pieces:	PS	16		
		FAD 110	Fabric Design Analysis and weaving designs: Practical understanding of creating fabric designs on looms Design Analysis for of the weave and construction of different textile fabrics. Weaving plain (with colour interaction), twill (with colour interaction) and checks and stripes fabric, samples on hobby looms	SM	20		

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JANUARY 2023 TO MARCH 2023	1 <sup>ST</sup>	FAD 101	Dialogue writing, writing of job application, notices, advertisements for classified columns.Preparation of bibliography: What is bibliography? Types of bibliography, rules for bibliographic page, footnotes and endnotes; reporting	AG	18		
		FAD 102	Introduction to Fashion: Definition of fashion and fashion illustration and various mediums used in fashion illustration life cycle, consumer and fashion relationship. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 headsFlat drawings: different types of flat drawing and their usages. Model draping: definition and usages. Figure analysis, proportion and disproportion of human figure, different types of figures for both men and women	SMR	18		
		FAD 103	INTRODUCTION TO MAN-MADE FIBRES , Manufacturing Technology for production of synthetic fibres, Manufacture, Chemistry, Properties and Uses of common manmade fibres - Study of different types of natural and synthetic fibres with special reference to their end-uses	SM	18		
		FAD 104	Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.Yarn Preparatory: Yarn preparation for weaving, quality of warp and weft yarns. Process of weaving:Weaving design: analysis of basic weaves;	SM	18		
		FAD 105	Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman. Introduction to cultural history, which informs about current thought and practice on historical textile art, craft and design.Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes through different era History of Indian and Western costumes:	SMR	18		
		FAD 106	Introduction to sewing; Drafting of children garments; Drafting of Skirts: Fullness in garments: Standard size chart Fit analysis of garments, different types of fit, Different style lines and its application in dress making	PS	18		

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JANUARY 2023 TO MARCH 2023	1 <sup>st</sup>	FAD 107	Drawings and Pictures using different softwares: Drawing and shapes; creating shapes, lines, freeform and other drawing objects; formatting drawing objects; managing list; sorting data in a list; filtering; using data forms. Practise with Corel draw / Photoshop and paint for drawing and design	PS	18		
		FAD 108	Colour Schemes: Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design., Design Application: Design suitability for different purposes by design development including different techniques of printing (batik, tie-dye, stencil, roller, block, screen, transfer etc.) applied on fabrics	SRC	18		
		FAD 109	Practice of Finishing of raw edges and facings on garments: Doing of Placket Openings: Even hem placket, continuous wrap opening, two piece placket and kurta placket	PS	18		
		FAD 110	Designing of textile fabrics on graph papers: transfer of graph paper designing to jacquard or dobby (basic weaves). Analysis of design of variety of woven fabrics and knitted fabrics. Analysis and creating design of decorative woven fabric samples: for furnishings wall hanging, tablemats, napkins of different woven designs on a hobby loom and handlooms.	SM	18		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2023 TO JUNE 2023	1 <sup>ST</sup>	FAD 101	Project Report: preparation of Project Reports /thesis/research paper and its format. Motivation,Effective communication and co-ordination and development of personality. Exploration of meaning, message and information, communicated through art, craft and design work, communication through different media, tools, audiovisual and art & design	AG	17		
		FAD 102	Study of types and techniques of fashion illustration and study of human anatomy. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend. Rendering of fabrics and its different techniques-communication of fashion through silhouettes, colour and style lines	SMR	18		
		FAD 103	TEXTILE TESTING (FIBRE TESTING) Moisture Relations and Testing, Fibre Testing:Fibre Identification;	SM	20		
		FAD 104	Yarn & Fabric Testing	SM	10		
		FAD 105	Historical costumes of India (state-wise):Investigation of historical, contextual and contemporary practices in the fashion industry;History of Fashion: elements of fashion;	SMR	17		
		FAD 106	Flow chart showing the stages of production process Development of size charts and its application in garment making, Different types of sewing machine needles Different types of sewing threads used in garment construction Effect of style lines on appearance. Introduction to the construction and functions of common seam types.	PS	18		
		FAD 107	Practise developing posters, calenders, patterns of garments using various softwares Practise development of various designs suitable for surface ornamentation of textiles including, print design, batik and bandhni design, embroidery design etc.	PS	18		

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APRIL 2023 TO JUNE 2023	1 <sup>st</sup>	FAD 108	Fashion illustration of child, men, women figure with special reference to drawing of face, hand, legs, and different postures, Figure/ Design Analysis : Illustration of fashion accessories and hair styling	SMR	20		
		FAD 109	Preparation of pattern and marker plan, Creation and Practice of Surface Ornamentation through Embroidery, Studies and practice of following Traditional Embroideries of India	PS	20		
		FAD 110	Identification of stain and the techniques of stain removal, Blend analysis of various yarns	SM	15		

**LESSON PLAN OF 2<sup>ND</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2022 TO SEPTEMBER 2022	2 <sup>ND</sup>	FAD 201	What are graphics? Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images. Paint Brush: Corel Draw	PS	14		
		FAD 202	Standard body measurement and pattern making for adult garments: Study of basis of garment construction and pattern making for children, men and women's wear, Introduction to basic process sequences of garment production and each unit operation involved:	PS	20		
		FAD 203	Background of textiles and clothing industry in India and abroad: Planning and layout for garment construction and manufacture processes. . Tailorability, comfortability and hand value of textile fabrics, Sizing, Grading and Pattern making: Marker Planning, Drawing and Reproduction techniques of the marker Spreading of the fabric to form a lay:	SMR	18		
		FAD 204	Yarn Dimension and structure: Fabric Dimension and structure: Weaving Design.	SM	15		
		FAD 205	<b>KNITTING</b> , Problems, prospects and growth of the Indian Knitting Industry: Basic mechanical principles (mechanisms) of knitting technology and structure property relationship of knitted fabrics.	SM	15		
		FAD 206	Introduction of the basic theory of economics, Demand and Supply: Equilibrium of the firm: Market Structure and pricing Production, Consumption and Cost: inputs and outputs,		12		
		FAD 207	Body Measurement ( <i>Correct Method of taking Different Body Measurements</i> ) with correct allowance Construction of Adult's Basic Blocks	PS	15		

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JULY 2022 TO SEPTEMBER 2022	2 <sup>ND</sup>	FAD 208	Introduction to sewing machines; safety regulations, preventive and breakdown maintenance of sewing machines and needles. Running of sewing machines. Demonstration of different types of Sewing Machines, study of its different parts and their functions, care and maintenance of sewing machines. Knowing of sewing threads.	PS	8		
		20FAD 209	Hand and Machine Embroidery Practice in general. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics.	SMR	20		
		FAD 210	Practice to get acquainted with tools of M.S. paint, paint brush; use of various colours and to edit colours. Drawing, copying, scanning and transforming images. Practice to get acquainted with interactive tools of corel draw; import and export of images; resize image. Drawing ,shaping, aligning, editing and grouping and ungrouping images.	PS	15		



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OCTOBER 2022  TO  DECEMBER 2022	2 <sup>ND</sup>	FAD 201	Preparation of Motifs in lattices and placement of different repeats; Photoshop: Flash I and Flash II	PS	18		
		FAD 202	Introduction to basic process sequences of garment production and each unit operation involved Pattern making and marker planning and lay out for some women's occasional wear: lined jacket, katori choli, evening gown, choli-cut sari blouse, House coat, Reversible jacket, women's casual shirt, nightie etc.	PS	18		
		FAD 203	Cutting of the fabrics: Sewing: Different types of seams, different stitches Alternative methods of joining clothing materials- Different other operations and machines used in garment construction	SMR	18		
		FAD 204	Weave notations; plan view and sectional view of cloth; drafting, lifting and pique plan. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks, diamond and diaper, mock leno, ordinary honey comb, brighton honey comb, huck-a-back, crepe, bedford cord. Construction and design of terry pile, corduroy and velveteen, etc. Designing of dobby and jacquard weaving.	SM	20		
		FAD 205	Types of Knitting: Flat-Bed Knitting Machines: Circular Knitting Machines and its working principles.	SM	20		
		FAD 206	Production, Consumption and Cost: inputs National Income: definition & methods of its measurement, Public revenue and Taxation: Savings and Investment: International Business Economics		15		
		FAD 207	Basic Torso Sloper, Basic Sleeve Sloper, Basic Skirt Sloper, Basic Trouser Sloper	PS	15		

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OCTOBER 2022 TO DECEMBER 2022	2 <sup>ND</sup>	FAD 208	Sewing practice on clothes- Hand Stitches Seams	PS	15		
		FAD 209	Studies and practice of following Traditional Embroideries of India	SMR	15		
		FAD 210	Practice to get acquainted with tools of Flash for graphics design and animation; editing graphics and animation; adding movies and sound with text; creating pattern layers.Practice to get acquainted with Abode Photoshop; manipulating colour table; CMYK colour conversion; adjusting hue saturation. Photoshop: Introduction to Photoshop and editing of raster images; Using of toolbox and layers; Understanding image parameters, such as image size, resolution, colour modes, Design editing and manipulation using Adobe Photoshop, Colour correction and rendering 2D images.	PS	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2023 TO MARCH 2023	2 <sup>ND</sup>	FAD 201	Overlays and layers; purpose of overlays and creating of overlays; layers in a scene; inserting layers and stacking order; creating and modifying text.Fundamentals of CAD Software and its use:	PS	15		
		FAD 202	Development of slopers Flat drafting, Adaptation, layout, cutting, sewing	PS	18		
		FAD 203	Flow chart for production of different simple garments from raw material to finishing stage, plant and machinery layout of a garment factory Sampling Department:	SMR	15		
		FAD 204	Design analysis of fabric samples of different types and designs. Construction / specification of common commercial fabrics	SM	15		
		FAD 205	Circular Knitting Machines and its working principles Non-wovens:	SM	15		
		FAD 206	Marketing Management: Textile Merchandising:Costing and Pricing – Quality control in textile merchandising quality assurance and customers satisfaction Reinforcement of pricing policies and sales promotion techniques.	SMR	15		
		FAD 207	Dart Manipulation: shifting of darts, combining darts, dividing darts, concealing darts in yokes and seams lines, converting darts to gathers	PS	10		
				FAD 208	Preparation of pattern,. marker planning; cutting and bundling of different parts of various garments for manufacture of few adults garments as per design and pattern made.	PS	15

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JANUARY 2023  TO  MARCH 2023	2 <sup>ND</sup>	FAD 209	Studies and practice of following Traditional Embroideries of India oo. Kantha of Bengal pp. Chikankari of Uttar Pradesh qq. Kathiawari of Gujarat rr. Zardozi of Uttar Pradesh ss. Pipli of Orissa tt. Kashida of Kashmir uu. Manipuri of Manipur vv. Chamba of Himachal Pradesh ww. Phulkari of Punjab xx. Kasuti of Karnataka Study and practice of popular Embroideries of the countries other than India.	SMR	20		
		FAD 210	Theme based assignment on designing using Coreldraw , Adobe Photoshop and Flash-I and II softwares.Introduction to Auto CAD; drawing of simple objects in scale using Auto CAD; design of components and assembling layout of a factory shed; design and drawing of three dimensional objects; use of different Auto CAD tools.	PS	15		

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APRIL 2023 TO JUNE 2023	2 <sup>ND</sup>	FAD 201	Introduction to CAD Software for designing and drawing of any object with specific shape and dimension. CAD – tools and their uses. Working with art work, scanning, colour fill up, colour reduction, editing and clearing of drawn image using CAD software. Preparation of colour effects on different designs. Two-dimensional and three-dimensional drawing. Use of Auto – CAD and textile design CAD for drawing	PS	15		
		FAD 202	Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's and women's casual wear, party wear, beachwear and sports wear.	PS	20		
		FAD 203	Garment finishing and packaging : Methods and techniques used. Need, category of garment and its production and processing, equipment and methods, permanent press, pleating, folding, packaging of garments.	SMR	15		
		FAD 204	Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines. Weft (hand knitting): stockinet or jersey stitch; rib stitch and circular knitting; machine knitting – single knit, double knit and circular knit.Warp knitting: tricot, raschel, simplex and Milanese; different knitting designs.	SM	15		
		FAD 205	Special Fabric Manufacture and their processing.Process for manufacturing of crochet, Net, Lace, Braids, Bonded, Laminated and other special and narrow fabric and their properties and uses	SM	PS		
		FAD 206	Consumer Protection:Marketing of fashionable garments International Marketing and export formalities:Visual merchandising (VM)	SMR	15		
		FAD 207	Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari-blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants etc.	PS	20		

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APRIL 2023 TO JUNE 2023	2 <sup>ND</sup>	FAD 208	Sewing of few garments and their finishing such as manufacture of casual trouser, payjama, 4 and 6 panel sari- petticoat; salwar kameez, churidar, and women's princess line kurta, kalidar kurta, nightie/ dressing gown, womens' shirt, top and skirt, men's shirt and pants, etc	PS	20		
		FAD 209	Creation of surface ornamentation and establishment by Miscellaneous Methods of Surface Ornamentation: Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc. Accessories Design: designing of Jewelry footwear, hats and headgears, gloves, hair – styling, bags and purses, etc matching and befitting with style, design and colour of the garment.	SMR	20		
		FAD 210	Manual and computer aided practice of use of different forms of basic elements of design i.e. points, straight lines, curved lines, geometric shapes, figures, abstract art and their positioning and resizing and colouring; working on a particular theme / story; mood – board for designing of components of different simple garments for wearing in different occasion/ situation/places Use of CAD for basic woven design of textile and basic garment design and draping and texture mapping etc.	PS	20		

**LESSON PLAN OF 3<sup>RD</sup> YEAR OF B.F.A.D. DEGREE COURSE**

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JULY 2022  TO  SEPTEMBER 2022	3 <sup>RD</sup>	FAD 301	Ethics: Human ethics, Professional ethics, the values of ethics, ethics and emotions, Human Values: Values Ecology:	SMR	15		
		FAD 302	Preparatory processes for different textile fabrics before dyeing and printing: Dyeing:	SM	15		
		FAD 303	Garment Sizing: Grading: Grading of Patterns to Various Sizes: Application of computer in garment sizing and size standardization. Sizing of different components	SMR	20		
		FAD 304	Critical analysis of process stages for manufacture of garments in industry. Designing of garment based on different design ideas & sources, selection of fabrics/accessories and trimming. Market survey, design analysis, design creation and surface ornamentation. Analysis of historical costumes of India and other countries,				
		FAD 305	Entrepreneurship Development: Concept and social context for entrepreneurship development. Business environment for the Entrepreneur: Government role and regulation in business:	SMR	15		
		FAD 306	Introduction to Auto - CAD/ CAM Software and its utility, Function of CAD/ CAM software, Introduction to Tuka Studio or Nedgraphics software for developing textile print design and repeats. Fundamentals of computer aided tools	PS	15		
		FAD 307	Desizing of cotton fabric Scouring of cotton fabric Bleaching different fibres, yarns and fabrics, weight reduction of polyesters	SM	10		
		FAD 308	Practical Garment design based on theme Rendering: Designing and developing a line of garment based on a particular theme Computer aided textile design and garment design. Garment designing and draping with rendering.	PS	20		

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OCTOBER 2022 TO DECEMBER 2022	3 <sup>RD</sup>	FAD 301	Environmental Studies: Environment and public health:Fuel and energy management Eco-friendly textiles and processes Textile mill's effluent (water pollutant in wastewater) and need of its treatment before discharge. Reuse of water and water conservation. Waste water sampling and analysis. Basic processes for waste water treatment and recovery of material from wastewater.	SMR	20		
		FAD 302	Printing : Different styles of printing:Different methods of printing: block Brief idea about the printing tables .Printing with different dyes and pigments. Process of printing and print fixation method.	SM	20		
		FAD 303	Introduction to Draping of garments and preparation of an adhesive dress-form. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components. Draping a basic skit with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt) Draping Collars	SMR	20		
		FAD 304	Testing and technical analysis of garments and accessories: Standards and test methods of seam strength resistance to snagging, washability and colour fastness, efficiency of detergent, stability to heat / light / fuming / steaming, button pull out test, test of balance, fit and measurement etc., test of fibre content and blends analysis, test of draping, dimensional stability etc. Testing of trimmings and garment accessories. Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment.	SM	20		
		FAD 305	Launching and Survival of business,Market survey, Project preparation and Business communication	SMR	10		
		FAD 306	Colour Science and Computer Aided Colour Measurement and Matching:Preparation of colour database for textile dyes. Special representation of colours, lines and knowledge to use different material and media in art, craft and textile design work through use of computer aided tools and software.Computer aided print designs using printex or nedgraphics software using vector and raster tools of specialized computer aided print design software.	SMR	15		



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OCTOBER 2022 TO DECEMBER 2022	3 <sup>RD</sup>	FAD 307	Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing.	SM	15		
		FAD 308	Garment designing and draping with rendering. Rendering on the croqui using different colour media along with pencils; Rendering detailed limbs and face drawings on the croqui Designing of different necklines such as round neckline, square neckline, V neckline etc. Designing of different sleeves like puff sleeve, raglan sleeve, kimono sleeve etc. Designing of different skirts like pleated skirt, gathered skirt, gored skirt, skirt with yoke, skirt with waist band; ethnic and western pockets, drapes, folds and gathers, frills, flounces, bias cuts.	SMR	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2023 TO MARCH 2023	3 <sup>RD</sup>	FAD 301	Introduction to quality concept: Definition and concept of quality, product specifications and standards. Sampling: Sampling technique and random sampling procedures. Quality Assurance: Statistical Quality Control: Total Quality Management: ISO 9000 (ISO-9001-2000) & ISO 14000	SMR	20		
		FAD 302	Aesthetic and Functional Finishing: Calendaring and pre-shrinking, Softening and stiffening, Crease resistance or wrinkle recovery finishes, Water repellent finishes and water proofing, Antimicrobial / rot resistance finishes, Flame retardant / flame proof finishes of cellulosic textiles, Bio polishing of cotton, Enzyme washes - Vs - stone wash of cotton denim / jeans Soil release / stain resistance finishes, Antistatic finishes, UV Protection finishes of synthetic textiles and Silky finish of polyester (weight reduction of polyester). Weighting of silk fabrics, Scroopy - Finish of silk fabrics.	SM	20		
		FAD 303	Fashion Illustration, Illustrations of Garments & garment design details, Fashion Illustrations details	SMR	20		
		FAD 304	Marketing strategies for fashion garments and casual, semi casual, leisure and formal garment. Critical factors for fashion life cycle analysis and forecast. Color forecast and its importance, seasonal demands and variations in design of garments. International garment business and its trend analysis. Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Specific garment processing machines and their working.	SMR	20		
		FAD 305	Financial Management, Sources of finance, Investment decision, public and government borrowings. Working capital, bank funding, calculative risks, financial planning and control, inventory control and purchase technique, marketing link and sales promotion measures. Cost-Vs-revenue and profit. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account. Financial statement analysis, Financial indicators and ratios. Profit volume ratio. Break-even analysis. Accounting ratios. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	SMR	15		
		FAD 306	2D & 3D Computer aided pattern making (Using TUKA – CAD / GERBER / LECTRA Technology). Computer aided pattern making, marker planning, sizing, grading and draping of garments for different types of men/women/children wear. Computer aided Fashion illustration techniques, using fashion illustration software.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
JANUARY 2023 TO MARCH 2023	3 <sup>RD</sup>	FAD 307	Mercerizing of cotton, degumming of silk and scouring of wool. Dyeing of cotton, rayon, wool, silk and synthetic textiles with direct, acid, reactive, disperse and naphtha dyes and their after treatments. Dyeing of garments using Natural dyes. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing. <i>Preparation of an article using any of the above method and using own design.</i> Preparation of printing screen and pigment printing	SM	20		
		FAD 308	Fashion Illustration Practical for Garments, Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways. Illustration of different men, women and children wearing practice..	SMR	20		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2023 TO JUNE 2023	3 <sup>RD</sup>	FAD 301	Apparel Production and quality control: Work study, time and motion study and line – balancing / assembly line layout, optimization of space and infrastructure (Plant lay - out), utilization of maximum available machine hour and man-hour, reduction of idle time, Production bottlenecks. Specification of garments Quality Control and Cost:	SMR	20		
		FAD 302	Decatizing of woolen and silk goods, Shrink proofing of woolen goods, Milling of woolen goods etc. Special finishing like chemolonic, costume/ fragrance, thermotropic, chromotropic and other smart polymeric finishes Fault free finishes on textiles and garments	SM	20		
		FAD 303	Garment Design and Analysis: Elements of Textile Design: forms, balance, rhythm, symmetry, colours, relation of colour with fashion. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour, application of fashion analysis (fashion elements, and market research, fashion awareness and combination of factors in fashion / design selection). Identification and forecast of colour and fashion preferences and search of fashion elements for visual merchandising of garments.	SMR	20		
		FAD 304	Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Softening of garments by different methods: Garment washing, Different types of garment finishing	SM	20		
		FAD 305	<u>Costing</u> : Principles and object of costing. Different method of costing. Cost–Vs.-pricing. Revenue generation. Manufacturing cost-control techniques. Cost reduction approaches in garment manufacturing industry. Factor affecting cost and pricing. Cost-volume-profit analysis (yarn and fabrics). Costing applicable for textile product / and garments etc. Analysis of fund flow, cash flow.	SMR	15		
		FAD 306	Use of computer for Fashion cycle, fashion forecasting, fashion marketing. Role of designers in creating fashionable garments & its merchandising .Study of different computer software for textile weaving design. Preparation of Checks and Stripes or dobby designs using computer aided weaving CAD module. Computer aided print design preparation for surface embellishment and decoration. Computer aided garment designing: Preparation of Basic block, Skirt Block, Trouser Block using the Pattern Drafting by Tuka-CAD Software. Pattern Drafting of Skirt variations and shirt patterns.	SMR	15		

ACADEMIC QUARTER	CLASS/ YEAR	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO. OF LECTURES	REMEDIAL	REMARKS
APRIL 2023 TO JUNE 2023	3 <sup>RD</sup>	FAD 307	Chemical Finishing: Application of common finishes such as softening agent, stiffening agent, optical brighteners, bleaching agent, etc. on cotton and other textiles and garments and their evaluation. Application of anti-crease, water repellent /water proof, flame retardant and rot resistant finishes on cotton and other textiles and garments. Application of anti-static and soil release finishes on synthetic textiles and garments. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc. Evaluation of important functional properties of textiles and garments before and after different finishing	SM	20		
		FAD 308	Portfolio Preparation and Presentation: Techniques of systematic developing, designing and filing the design work of a line of garment based on particular theme, purpose and targeted customer as portfolio – with specification sheets sketches of draping, illustration and cost structure and with sample of actual garment and its photograph etc. Different types of portfolio presentation and their uses. Organizing portfolio for sales of design work and fashion marketing.	PS	20		
		FAD 309	Assignment during internship on textile design collection and garment designing and sewing, to get 1 <sup>st</sup> hand knowledge on textile fabric design development and garment design related to fashion design and garment designing on specific themes. Assignment to understand the role of textile and garment designers and to understand different market sectors, production methods and related construction of fabrics and garments Design Project and portfolio Preparation:	SMR	1 MONTH INTERNSHIP  TRAINING		
		FAD 310	Each student shall be required to carry out under supervision of one or more teacher or teachers as guide and/or co-guide , by carrying out an original investigation work on any problem related to textile processing or garment production / finishing / design, marketing etc. related to his/her studies. Each student shall submit three copies of typed written and bound dissertation embodying the survey, questionnaires/photographs/design work or experimental work and results of their investigation along with analysis and collected designs with specification sheets and other details of the product development / other work done.	PS  SM  SMR	3 MONTHS TRAINING		

**LESSON PLAN UNDER CBCS SYSTEM FOR BFAD (HONS) DEGREE COURSE**

<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/I/CC1 Theory	1. Fundamental concepts of fibre	4	SM
	2, Introduction to natural fibres- Composition, Physical and Chemical structure, Chemistry, Properties and Uses of following Natural Fibres	8	
	3. Introduction to man-made fibres	2	
	4. Introduction to Yarns	2	
	5. Objectives of blow room, carding, drawing and spinning, yarn twisting.	4	
	6. Different types of fancy yarns production, Sewing Thread	4	
	7. Yarn Preparatory	4	
Practical	1. Testing of fibres	6	SM
	2. Yarn Testing	6	
FAD/A/I/CC2 Theory	1.Introduction of patterns: Need of pattern making.	2	PS
	2. Introduction to technical skills in pattern making and garment production	2	
	3. Study on different types of stylelines used in garments	2	
	4. Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts	6	
	5. Necklines and Plackets:	4	
	6. Collars and Facings, Sleeves and Pockets	4	
	7. Introduction to sewing	6	
Practical	1. 1. Principles of pattern drafting through block construction and dart manipulation:	6	PS
	2. Temporary and permanent hand stitches, plain seam, flat seam and ridge seams, Variation in pleats, darts, tucks, gathers and facings	6	
	3. Drafting of pattern for Skirt	6	
	4. shirts, trousers, kameez, salwar, churidar and jacket.	6	
FAD/A/I/AECC1 Theory	1. Grammar: noun, pronoun, adjective, verb, adverb, conjunctions, preposition, tense, voice, articles, phrases and clauses	2	AG
	2. Communication skills	4	
	3. Reading skill, writing skill and listening skill	4	
	4. Dialogue writing, drafting job application, notices, Correspondence	4	
	5. Preparation of bibliography, Project Report: Preparation of Project Reports	4	
	6. Preparation of curriculam vitae (Bio-data/ Resume). Writing application for jobs, reporting to news paper for any incident etc.	4	

<b>Semester 1(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/I/GE1  Theory	1. Different sources of inspirations for textile design: designs from Indian Mythology, motifs, sculpture, civil art, nature, aquatic life, ornaments	4	<b>SM</b>
	2. Concept of designs of Textiles in designing Textile Fabrics and apparels for different end-use purposes for different class of people and age.	4	
	3. Positioning of motifs and idea of repeats in design. Design development in different forms	4	
	4. Basics of woven design of Textiles, weaving in handlooms,	4	
	5. Textile designing by Tie-dye and Printing of Textiles		
	6. Introduction to Fabric: Definition, structure and property criteria. Woven, Non-woven, Knits, Laces and braids.	4	
Practical	1. Placement and Repeats of design blocks in different ways and means on paper sheet.	2	<b>SM</b>
	2. Use of Monochromatic, Analogous and Complimentary, double complementary, split complementary, primary, secondary and tertiary colors for design.,	4	
	3. Woven design development in sample forms- plain, twill, checks, stripes etc	8	
FAD/A/I/GE2  Theory	1. Origin of clothing, costume of ancient civilization – Indian, Egyptian, Greek and Roman.	2	<b>SMR</b>
	2. Demonstration and understanding of the historical evolution of textiles, handicrafts and costumes	3	
	3. History of Indian and Western costumes:	2	
	4. History of Fashion: elements of fashion; Western and Indian traditional textiles and fashion relationship	2	
	5. Study on Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, et	4	
	6. Study on development of various craft work of different States of India and Woven Textiles	4	
Practical	1. Creation and Practice of Surface Ornamentation through Printing & Painting: Block, stencil, spray, screen, tie-dye, batik, discharge, hand painting on fabrics	2	<b>SMR</b>
	2. Creation of Quilting, patchwork, jariwork, sarawski and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	4	
	3. Accessories Design	4	
FAD/A/I/GE3  Theory	1. Visual Arts: Observing and recording of information through various kinds of drawings	2	<b>SRC</b>
	2. Design Studio and its utility in garment design	2	
	3. Definition of art, definition and sense of beauty, distinction between art and beauty, art and aesthetics, distortion in art, the importance of good taste and colour	2	
	4. Principles of Design, elements of design	2	
	5. Colour: importance, primary, secondary and tertiary colours, colour harmony complimentary colours.	2	
Practical	1. Basic design drawing in scale and use of Different Drawing Media	2	<b>SRC</b>
	2. Design development: growth of motif, enlarging and reducing a motif, placement for all over pattern. Colour: colour wheel	2	
	3. Designing use of concept for different fabrics, garments and other household textiles using different colour with reference to various styles	2	

	4. Visualization of garments and dress forms from various angles and perspective with accessories	2	
	5. Use of new media services, web – information, multimedia design studio and design communication, Visual illustration of textile art and fashion	2	

<b>Semester II(January to June)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/II/CC3 Theory	1. Fundamentals of weaving, Principles of working of looms (hand looms and power looms), primary and secondary motion of looms and their functions.	4	SM
	2. Analysis of basic weaves; Plain and twills, Checks and Stripes, colour and weave interaction, derivatives of basic weaves; Satin and sateen weave, dobby, jacquard, pile weave including cut and uncut pile, Representation of simple weaves on graph paper with drafting plan.	8	
	3. Design of Plain weave and its derivatives, regular and other twill weaves, twill derivatives, sateen and satin weave and derivatives, simple colour and weave effects, woven stripes and checks,	6	
	4. Principles of knitting, properties and specialty of knitted fabric kinds of yarn and fibres used, types of knitting. Knitting machines.	4	
	5. Principles of forming non-woven fabrics. Different techniques and mechanism of non-woven fabric formation. Properties of non-woven fabrics	2	
Practical	1. Fabric identification and design analysis. Fabric specifications of some common fabrics	5	SM
	2. Fabric identification of different woven and knitted sample	5	
	3. Collection of fabric sample and analysis of the same for file work	5	
FAD/A/II/CC4 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts, frock, Kameez, salwar etc	2	PS
	2. fundamental concepts of garment styling, designing and drawing (flat sketch), pattern making, marker planning, cutting, sewing and finishing	4	
	3. Different types of seams, different stitches, code of stitches and stitch numbers. Details of different types of industrial and domestic sewing machines and feed mechanism, sewing needles and its specifications, sewing threads; types and requirements. Sewing problems.	4	
Practical	1. Development of various types of seams, pleats and their application in garment	4	PS
	2. Practise on Dart Manipulation	4	
	3. Development of different garments and decorative samples with surface embellishment.	4	
	4. Practise on Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari- petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari- blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants and coat (suit), ladies-salwar/churidar and kameez etc	8	
FAD/A/II/SEC -A  Theory	1. Components of Computer; Peripherals; Hardware and Software; History of Computer from 1st Generation to Present.	2	PS
	2. Introduction to MS Word	2	
	3. Function of Graphics? Vector tools and Raster tools, Difference between Vector objects and Bitmap images.	2	
	4. Fundamentals of CAD Software and its use:	2	
	5. Introduction to different operation systems for effective use of the followings: Inserting Objects, hyperlink and Placing Tables:	2	
	5. Introduction to Corel draw& Photoshop	2	
FAD/A/II/GE-4	1. Definition of fashion and fashion life cycle, consumer and fashion relationship. Creative fashion and Fashion season. Style and fashion survey and forecasting.	2	SMR



Theory	2. Fashion illustration and various mediums used in fashion illustration	2	
	3. Study of Normal figure and illustrated figure including 8 heads, 10 heads and 22 heads.	2	
	4. Application of drawing as an integral part of design process; model drawing and draping; study of proportion, balance and movement of fashion trend	2	
	5. Rendering of fabrics and its different techniques	2	
	6. Different presentation techniques of various wears of children, women and men.	2	
Practical	1. Designing and developing a line of garment based on a particular theme (beachwear; swimwear; casual wear; sportswear; nightwear; cocktail wear; eveningwear; ramp wear; executive wear; traditional Indian costume of different states and their variations in design.	4	SRC
	2. Garment designing and draping with rendering.	4	
	3. Fashion Illustration Practical for Garments.	4	
	4. Illustration of Textile Garments with variation of components / fabrics / of different textures and patterns by different ways	4	
FAD/A/II/GE-5	1. Origin of fashion Accessories. Introduction to various fashion accessories.	2	SMR
	2. History of fashion accessories like jewellery, belts, shoes, footwear, hats, caps, bags	8	
	3. Study on the principles of design of Fashion accessories and the problems in designing fashion accessories.	2	
	4. Study of development of decorative and fashionable footwear	2	
Practical	1. Creation of various types of bags using various types of raw materials like fabric, cord, beads, plastic mat, leather. etc	2	SMR
	2. Creation of various types of hats and caps by using various raw materials.	2	
	3. Designing of shoes	2	
	4. Design development of various types of jewellery	2	
FAD/A/II/GE-6 Theory	1. Entrepreneurship: Definition and motivational characteristics importance women's Entrepreneurship in the Indian Economy. Scope of Entrepreneurship in garment and textile sector. Role of technical and managerial knowledge for entrepreneurship development.	4	SM
	2. Business environment for the Entrepreneur: Government of India's policy towards promotion of Entrepreneurship, reservation and sanctions for small-scale sector, medium scale sector and large-scale sector. Importance of business communication procedures	4	
	3. Governmental regulation and reviews in business, legal matters – licenses, registration, etc.	4	
	4. Launching and Survival of business	2	
	5. Market survey, Project preparation and Business communication: Knowledge and skills for market survey and research. Importance of business communication. Elements of project preparation: Principles, procedure, formatting and formulation of project proposal, budget estimate	6	
Practical	1. Assignment to Develop a project proposal for setting up a yarn making and woven garment factory	5	SM
	2. Assignment to Develop a project proposal for setting up an apparel manufacturing or textile manufacturing factory	5	
	3. Project preparation for establishing a dye house or printing factory or knitting factory.	5	

<b>Semester III(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/III/CC5 Theory	1. Preparatory processes for different textile fabrics before dyeing and printing: Desizing, scouring, bleaching and drying of textiles from natural, man-made fibres and their blends. Mercerisation of cotton, woolenisation of jute, degumming of silk, and scouring of raw wool.	<b>6</b>	<b>SM</b>
	2. Dyeing: Classification of dyes, Chemical constitution and colour of dyes. General theory of dyeing and application of direct, acid, vat, reactive, disperse, azo dyes on cotton, wool, jute, silk and synthetic fibres using standard method	<b>6</b>	
	3. Colour Science: Colour measuring parameters and colour communication. Colour matching manual and computer – aided. Test of colour fastness to wash, light, rubbing, perspiration and heat etc	<b>6</b>	
Practical	1. Preparatory Finishing: Desizing, Scouring, Bleaching	<b>5</b>	<b>SM</b>
	2. Dyeing of cotton using Direct dye and Reactive dye	<b>5</b>	
	3. Woolenisation of Jute yarn	<b>2</b>	
FAD/A/III/CC6 Theory	1. Social, economic, religious, geographical, cultural and other factors which have influenced the development of design and colour in Indian textiles and their significance.	<b>2</b>	<b>SMR</b>
	2. Embroideries of different states in India.	<b>6</b>	
	3. Dyed, Painted and Printed Traditional Textiles of India.	<b>4</b>	
Practical	Creation and Practice of Surface Ornamentation through stitching/ surface embellishment/ trimmings and tie-dye and Printing & Painting: Block, stencil, spray, screen, discharge, hand painting on fabric	<b>4</b>	<b>SMR</b>
	2. Practice of different Traditional Embroideries of India	<b>8</b>	
	3. Creation of surface ornamentation like Quilting, sarawski patchwork, jariwork, and beadwork, appliqué and hand knitting, crocheting, macramé, tatting, use of trimmings, etc	<b>6</b>	
FAD/A/III/CC7 Theory	1. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts frock etc	<b>2</b>	<b>PS</b>
	2. Study of basis of garment construction and pattern making for children, men and women's wear for woven fabrics and knitted fabrics.	<b>2</b>	
	3. . Casual jacket and sloper construction. Development of style and designing of men's garments with variations in collars, sleeves, pleats, pockets, darts, gathers etc,	<b>4</b>	
	4. Drafting Women's top or shirt, trouser, skirt, salwar-kameez with variations and manipulation of design element having balance and fit.	<b>4</b>	

	5. Drafting, adaptation, layout for construction of adult formal wear garments and occasion wear (festival / party dress, etc), garments, Pattern modifying and draping of different patterns of men's .and women's casual wear	4	
Practical	1. Pattern making of fashionable ladies wear	4	PS
	2. Pattern making for men's wea	4	
	3. Cutting, laying and stitching of garments for ladies and gents wear for different seasons and occasion.	4	
FAD/A/III/AECC2 Theory	1. Fundamentals of environment, ecology, environmental pollution	4	SM
	2. Natural resource management. sustainable development.	4	
	3. Eco system, earth science, geological hazards, earth resources, water resources	4	
	4. Environmental management in industries .	4	
FAD/A/III/GE-7 Theory	1. Marketing Management	2	SMR
	2. Textile Merchandising and Visual merchandising	2	
	3. Costing and Pricing	2	
	4. Quality control in textile merchandising quality assurance and customers satisfaction	2	
	5. Retail fashion merchandising	2	
	6. Fashion Marketing, Fashion forecasting	2	
	7. International Marketing and export formalities	2	
Practical	1. Assignment on Development of project for visual merchandising of specific product by drawing and planning	4	SMR
	2. Assignment of Development of a store house/ display house with proper illumination and application of light in visual merchandising concept	4	
	3. Assignment or survey for supplychain management for retail and E-tail marketing	4	
	4. Market survey and fashion photography and their critical analysis.	4	
FAD/A/III/GE-8 Theory	1. Sources of finance, Investment decision, public and government borrowings.	2	
	2. Working capital, bank funding, calculative risks, financial planning and control,	2	
	3. Cost-Vs-revenue and profit.	2	
	4. Debt-equity ratio, DSCR, IRR etc., Turnover, Govt. duties and taxes.	2	
	5. Budgeting and preparation of budget estimates, Balance Sheet, Profit and loss account.	2	
Practical	1. Assignment for Preparation of budget for a garment company for the current financial year	2	
	2. Assignment for Preparation of cost sheet of garments and its pricing	2	
	3. Assignment of Project planning in terms of cashflow for setting up a textile or garment industry.	2	
		2	

**Semester IV (January to June)**

Name of The Paper	Topics to be Covered	No. of Lectures	Name of the Teacher
FAD/A/IV/CC8  Theory	1. Different styles of printing: direct, resist, discharge, flock and transfer printing. Different methods of printing: block, stencil, roller, screen and rotary screen printing.	4	<b>SM</b>
	2. Process of printing and print fixation method.	4	
	3. Aesthetic and Functional Finishing	4	
	4. Special finishing like chemolonic, costume/ fragrance, thermo-tropic, chromotropic and other smart polymeric finishes	4	
Practical	1. Printing using different dyes: Block, and screen, khadi, stencil & spray; Resist (Tie & dye, Batik) and discharge printing	4	<b>SM</b>
	2. Application of common finishes such as softening agent, stiffening agent, optical brighteners,	4	
	3. Application of enzyme on cotton textile fabrics i.e. bio-polishing etc.	4	
FAD/A/IV/CC9  Theory	1. Fundamental knowledge of Illustration.	2	<b>SMR</b>
	2. Fashion illustrations of Garments & garment design details	6	
	3. To analyze trends of fashionable garments and cause of fashion or design preferences and related market research, analysis of customer behaviour	2	
	4. Development of conceptual thinking and visual identity, designing creatively for a number of customers, functions and markets, implementation of visual rendering in the patterns and development of textile fabrics and garments	4	
Practical	1. Comparative study between the various materials while developing individual themes; personal investigation and experimentation of different materials.	2	<b>SRC</b>
	2. designing of various types of dresses like formal, casual, semi-formal, leisure by line sketch	4	
	3. figure studying with different styles, hand, feet, hairstyles, face etc. Rendering and types of rendering	4	
	4. Spatial representation through colour and line	4	
FAD/A/IV/CC10	1. Garment Sizing: Sizing of garments in different countries, principles of sizing and development of size chart	4	<b>PS</b>

Theory	2. Grading of Patterns to Various Sizes.	4	
	3. Sizing of different components of men's, women's and children wear.	4	
	4. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and style-lines neckline and other components	4	
	5. Draping Collars and sleeves.	4	
	6. Draping a basic skirt with its variation (Drindle Skirt, Dome Skirt, Flared Skirt, Gored Skit, Pleated Skirt, Hip Yoke Skirt)	4	
Practical	1. Draping of Basic Bodice and Variations by Dart manipulation including variations in yokes and stylelines neckline	4	PS
	2. Draping a basic skirt with its variation	4	
	3. Draping Collars and sleeves	4	
FAD/AIV/SEC-B	1. Introduction to Event Management- types, categories, sports, rallies, wedding, Fashion corporate events.	2	SMR
	2. Principles of event management, key roles, fashion show, fairs and trade show, product launch.	2	
	3. Role of event co-ordinator, administration, marketing, operations, risks etc.	2	
	4. Preshow marketing and post event follow up.	2	
	5. Licenses and permission obtained, Risk management for prevention of hazards, security for people and merchandise.	2	
	6. Event planning, costing and man power planning.	2	
FAD/A/IV/GE-9 Theory	1. Fashion Journalism	2	SMR
	2. Elements of reporting on fashion events and shows in journals and dailies highlighting fashion forecast, creativity and inspiration of designers with	2	
	3. Fashion Photography	4	
	4. Fashion communication	4	
Practical	1. Learning to do fashion photography	2	SMR
	2. Learning about various ways of fashion communication	2	
	3. Preparation of small video recording on fashion show and reporting on the same and do critical analysis	2	
FAD/A/IV/GE-10	1. Human Resource Management, leadership, human resource planning and selection policy.	6	SM
	2. Performance appraisal	4	
	3. Human resource development and staffing.	4	
	4. Business organization and communicative skill	4	
	5. Organisational decisions, employee development and managerial skill.	4	
Practical	1. Assignment on development of organizational structure of garment industry and planning the personnel management	6	SM
	2. Assignment on preparing a project report on the staff selection process and training of personnel.	6	

<b>Semester V(July to December)</b>			
<b>Name of The Paper</b>	<b>Topics to be Covered</b>	<b>No. of Lectures</b>	<b>Name of the Teacher</b>
FAD/A/V/CC11 Theory	1. Learning about tools of M.S. paint, paint brush; use of various colours and to edit colours.	2	SMR
	2. Learning about interactive tools of corel draw and tools of Flash for graphics design and animation.	4	
	3. Learning about Abode Photoshop; manipulating colour table; CMYK colour conversion.	2	
	4. Introduction to Auto CAD; design of components and assembling layout of a factory shed; design and drawing of three dimensional objects; use of different Auto CAD tools	2	
Practical	1. Practice to get acquainted with interactive tools of corel draw	4	SMR
	3. Practice to get acquainted with tools of Flash for graphics design and animation;	4	
	4. Practice to get acquainted with Abode Photoshop	4	
	5. Preparation of Motifs in lattices and placement of different repeats; Using digital colour theory and derivation of screens for flat screen printing.	4	
	6. Theme based assignment on designing using Coreldraw , Adobe Photoshop and Flash-I and II softwares	4	
FAD/A/V/CC12 Theory	1. Standard body measurement and pattern making for adult garments	2	PS
	2. According to the pattern preparation of marker plan, study on different types of garment	2	
	3. Development of style and designing of men's garments with variations in collars, sleeves, pleats, pockets, darts, gathers etc	4	
	4. Drafting Women's top or shirt, trouser, skirt, salwar-kameez with variations and manipulation of design element having balance and fit	4	
Practical	1. Design Development of garments for men's wear with special reference to designer costumes and special purpose wear.	4	PS

	2. Design Development of garments for women's wear with special reference to designer costumes, special purpose wear.	4	
	3. Design development for maternity wear, swim wear, beach wear etc.	4	
FAD/A/V/ DSEA1 Theory	1. Production planning, flow chart process of production,	4	SMR
	2. Plant layout, line layout, material handling, production control, capacity analysis	4	
	3. Work study, Method study, Garment engineering, line balancing, activity sampling, cycle checks, time study, etc.	6	
Practical	1. Development of activity sampling chart of an industr	4	SMR
	2. Preparing charts on work study, method study	4	
	3. Preparing sample plant layout under different production systems Learning to do market survey and accordingly develop the fashion forecast plan	4	
FAD/A/V/DSEA 2 Theory	1. Colour Science and Computer Aided Colour Measurement and Matching: Introduction to colour science, colour terms and definitions, colour communication, computer aided measurement of colour parameters of textiles. Theory of computer aided colour matching and formulation generation.	4	SM
	2. Wet processing and different methods of washing of garments for specific purpose, dry & steam processing of garments. Specific garment processing machines and their working	4	
	3. Softening of garments by different methods: aerodynamic principles, hydro entangling method, chemical method	2	
	4. Garment washing, bleaching, fading and dyeing; garment processing and washing machines and their working.	2	
	5. Finishing of cotton denims - regular/irregular fading, sandblasting, Acid washing and stonewashing.	2	
Practical	1. Wet processing and different methods of washing of garment.	4	SM
	2. Softening of garments by different methods.	4	
	3. Different types of garment finishing.	6	
FAD/A/V/DSEA 3 Theory	1. Eco-friendly textiles and processes: Concept of green technology and clean processing and products in textile and garments.	4	SMR
	2. Concept of eco friendly textiles, Parameters for eco friendly textiles as per German (OTN-100,) European (OEKO-TEX-100) and Indian (Eco-mark) standards.	4	
	3. Eco parameters and their testing and control. Testing of eco-friendly products.	4	
	4. Sustainability of eco-friendly products	4	
	5. Different techniques of producing eco-friendly textiles and garments	4	
Practical	1. Testing of eco-friendliness of textile products	4	SMR
	2. Practising eco-friendly dyeing, printing and finishing processes	4	
	3. Different types of garment finishing	4	
FAD/A/V/DSEA 4	1. Review of contemporary fashion and development of costumes through ages	2	PS
	2. Creation of fashion according to season, buying habit of consumers etc	2	
	3. Fashion forecast, fashion cycle	2	
	4. Fashion forecasting agencies, fashion forecasting journals, Colour forecast, colour forecasting agencies	2	
	5. Fashion centres, product lifecycle, product development	2	
	6. Designing of costumes according to age, gender and purpose	2	
	7. Design analysis and adaptability in garments	2	
Practical	1. Learning to do market survey and accordingly develop the fashion forecast plan	2	PS
	2. Learning to design garments on the basis of market survey, research and development and fashion	2	

**Semester VI (January to June)**

Name of The Paper	Topic to be Covered	No. of Lectures	Name of the Teacher
FAD/A/VI/CC13 Theory	Each students has to go for 8 weeks internship after the end of Part II examination or at the start of Part-III course of studies in any relevant industrial organization / export house related to textiles or garments or related to marketing organization	<b>2 months internship at the industry</b>	<b>SMR</b>
Practical	Assignment during internship on textile design collection and garment designing and sewing, to get 1st hand knowledge on textile fabric design development and garment design related to fashion design and garment designing on specific themes. Collection of designed garments ,their analysis and market survey to develop an understanding of requirement of various fabric type and texture in relation to design aspects of the garments of men ,women and children or home textiles/ home furnishings.		



FAD/A/VI/CC14 Theory	1. Each student shall be required to carry out under supervision of one or more teacher or teachers as guide and/or co-guide , by carrying out an original investigation work on any problem related to textile processing or garment production / finishing / design, marketing etc. related to his/her studies. Each student shall submit three copies of typed written and bound dissertation embodying the survey, questionnaires/photographs/design work or experimental work and results of their investigation along with analysis and collected designs with specification sheets and other details of the product development / other work	<b>3 months training period</b>	<b>SM, SMR PS</b>
	2. Each student shall be required to work under supervision of one or more teacher or teachers and prepare a portfolio on garment design and collection development.		
Practical	Each student shall be required to work under supervision of one or more teacher or teachers and prepare a portfolio on garment design and collection development		
FAD/A/VI/DSEB1 Theory	1. Importance, history, types of textile museums in India	2	<b>PS</b>
	2. Basics of textile conservation, principles, materials, types of conservation	2	
	3. Factors causing deterioration in textiles, damages that occur, restoration	2	
	4. Collection maintenance, workspace and equipment, housekeeping, checking and monitoring, handling and packaging	2	
	5. Storage and display, Different ways of storage	2	
Practical	1. Study on museums, examination of textiles in order to know their behaviour	2	<b>PS</b>
	2. Collection of conservation quality materials and documentation on textile conservation	2	
	3. Wardrobe Planning and Insect or pest control plan	2	
	4. Efficiency of washing and detergency etc	2	
FAD/A/VI/DSEB2 Theory	1. Selection of samples for testing, sampling procedures and statistical quality control.	2	<b>SM</b>
	2. Testing of physical and chemical parameters of textile fibres, yarns and fabrics	4	
	3. Special testing procedures for nonwoven and technical textiles.	4	
	4. Quality control in textile industry, quality circles and standardisation of textiles	4	
Practical	1. Testing of physical and chemical parameters of fibres, yarns and fabric	4	<b>SM</b>
	2. Testing of non-woven and technical textiles	4	
FAD/A/VI/DSEB3 Theory	1. 2D & 3D Computer aided pattern making (Using TUKA – CAD / GERBER / LECTRA Technology). Computer aided pattern making, marker planning, sizing, grading and draping of garments for different types of men/women/children wear. Computer aided Fashion illustration techniques, using fashion illustration software	4	<b>PS</b>
	2. Use of computer for Fashion cycle, fashion forecasting, fashion marketing. Role of designers in creating fashionable garments & its merchandising	4	
	3. Study of different computer software for textile weaving design.	4	
	4. Computer aided textile design and garment design	4	
Practical	1. Preparation of checks and stripes and dobby / jacquard designs using computer aided weaving design module.	4	<b>PS</b>
	2. Computer aided grading and sizing of basic blocks and understanding digital grading systems	4	
	3. Preparation of basic block, skirt block, trouser block, shirt block etc. using computer aided pattern drafting by Tuka – CAD software.	4	
	4. Computer aided pattern drafting of skirt variations and shirt patterns with collar variations etc.	4	
FAD/A/VI/DSEB4 Theory	1. Introduction to quality concept	2	<b>SMR</b>
	2. Sampling technique and random sampling procedures.	2	
	3. Audit of quality Plans, planning & performing quality audits, quality survey and product auditing. Fabric defects and Pareto-chart. Defects in garments and their remedies.	2	
	4. Statistical Quality Control	2	

	<b>5. Total Quality Management</b>	<b>2</b>	
	<b>6. ISO 9000(ISO-9001-2000) &amp; ISO 14000 Concept and its Study</b>	<b>2</b>	
	<b>7. Apparel Production and quality control and Cost reduction techniques</b>	<b>2</b>	
Practical	<b>1. Quality checking of garments</b>	<b>4</b>	<b>SMR</b>
	<b>2. Learning techniques of quality checking of garments</b>	<b>6</b>	
	<b>3. Quality control chart preparation</b>	<b>6</b>	