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SNDT Women's University, Mumbai

**Master of Science in
Fashion Design and Textile
(M.Sc. Home Science- Fashion Design and
Textile)**

as per NEP-2020

Syllabus

(2023-24)

SNDTWU Faculty of Science and Technology: M.Sc. Home Science - Fashion Design and Textile 2023-24

M.SC. FASHION DESIGN AND TEXTILE

Program		M.Sc.
Specialization		Fashion Design and Textile
Preamble		<p>Master of Fashion Design and Textile is a Post-Graduate degree course of two academic years. Fashion design is the art of the application of design and aesthetics or natural beauty to clothing and accessories. Fashion Design is influenced by cultural and social latitudes and has varied over time and place. This program is amalgamation of art, science, technology, and design to create innovative and cutting-edge designs. This degree program is designed to prepare students for careers in the fashion industry.</p> <p>This program trains students to develop strong communication and leadership skills in order to be competitive in a global industry. It prepares students to pursue career opportunities in fashion research, marketing, and business development.</p> <p>It focuses on the creative process and the application of advanced design technologies. The program also teaches students about marketing clothing.</p> <p>A PG degree in fashion design can lead to employment in the fashion industry by developing the skills and knowledge necessary to succeed in the industry.</p>
Programme Specific Outcomes (POs)		After completing this programme, Learner will
	1.	Be ready to enter in the market of fashion industry, as they will learn different marketing strategies, retailing merchandising etc.

	2.	Gain knowledge on quality standards implementation and quality requirements for apparel industry make them suitable to work as quality manager.
	3.	learn fashion range development, fashion styling and portfolio development strategies.
	4.	Gain knowledge in research that will help students to create newer designs suitable for present scenario and current market trends.
	5.	learn designing and construction of theme garment.
	6.	Become a successful fashion Designer by exploring the current market trends globally and communicate effectively with the society by designing, marketing and visual presentations.
Eligibility Criteria for Programme		<ul style="list-style-type: none"> • Minimum 45% for students with B.Sc. degree in Textile Science and Apparel Design, Fashion, Apparel Design, Dress Design etc. • Minimum 50% for students with B Design / Textile Design • Minimum 50% for students B. Sc. Composite Home Science, B.A. Home Science, B. Sc. General Home Science, B.Sc. Human Ecology and Consumer Studies, B. Sc. Family and Community Science who have completed minimum of 8 credits under semester pattern or 200 marks under annual pattern of courses related to Textile and Apparel Design. • B Voc. (Textile Design, Fashion Design, Apparel Design and related field) with 45% marks • Any Graduate with 45% marks and with 1 year experience in related field
Intake (For SNTU WU Departments and Conducted Colleges)		25

M.SC. FASHION DESIGN AND TEXTILE

SN	Courses	Type of Course	Credits	Marks	Int	Ext
Semester I						
114911	Introduction to Textile Processing(Th) (U)	Major (Core)	4	100	50	50
114922	Introduction to Textile Processing(Pr) (C)	Major (Core)	4	100	50	50
114923	Garment Design and Construction (Pr) (C)	Major (Core)	4	100	50	50
114914	Global Costumes (Th) (C)	Major (Core)	2	50	50	0
124911	Sustainability in Textile and Apparel (Th) (U)	Major (Elective)	4	100	50	50
134911	Research Methodology (Th) (U)	Minor Stream (RM)	4	100	50	50
			22	550	300	250
Semester II						
214911	Quality Control for Textile & Apparel (Th) (Pr) (U)	Major (Core)	(2+2) 4	100	50	50
214922	Garment Design through Draping (Pr) (C)	Major (Core)	4	100	50	50
214913	Apparel Merchandising (Th) (U)	Major (Core)	4	100	50	50
214924	International Embroideries and Paintings (Pr) (C)	Major (Core)	2	50	0	50
224921	Advance Fashion Illustration (Pr) (C)	Major (Elective)	4	100	50	50
244941	Internship (Pr) (U)	OJT	4	100	50	50
			22	550	250	300

Exit option (44 credit):

Post Graduate Diploma in FASHION DESIGN AND TEXTILE

Year II

SN	Courses	Type of Course	Credits	Marks	Int	Ext
	Semester III					
314921	Fashion Range Development (Pr) (U)	Major (Core)	4	100	50	50
314922	Portfolio Development (Pr) (U)	Major (Core)	4	100	50	50
314913	Trend Research and Forecasting (Th) (U)	Major (Core)	4	100	50	50
314914	Garment Production Technology (Pr) (C)	Major (Core)	2	50	0	50
324921	Garment Production Technology(Th) (C)	Major (Elective)	4	100	50	50
354931	Dissertation I (Pr) (U)	RP	4	100	50	50
			22	550	250	300
	Semester IV					
414921	Fashion Styling (Th) (Pr) (U)	Major (Core)	4	100	50	50
414922	Project Work (Pr) (U)	Major (Core)	4	100	50	50
414953	Recent Advances in Fashion Design and Textile (Seminar) (C)	Major (Core)	4	100	50	50
424911	Fashion Communication (Th) (U)	Major (Elective)	4	100	50	50
454931	Dissertation II (Pr) (U)	RP	6	150	100	50
			22	550	300	250

Semester I
1.1 Major (Core)

Course Title	Introduction to Textile Processing (Theory) (114911) (University Exam)
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1.Understand the need, significance and detailed various wet preparatory processes required to prepare the fabric for dyeing and printing of textiles.
	2.Analyze and Compare different methods for the preparatory processes.
	3.Know about various machineries used for various wet processes.
	4.Gain awareness of new advancements in the area of wet processes machineries.
	5.Develop awareness towards preservation of environment.
	6.Gather adequate knowledge of different pollutants, their sources, and their effects.
Module 1 (Credit 1) Introduction to Polymers and Fiber Science	
Learning Outcomes	After learning the module, learners will be able to
	1. Define polymers.
	2. Differentiate different extrusion techniques.
Content Outline	Introduction (In brief)
	Relevance of chemical processing in apparel performance
	Fibre Science:
	Unit 1: Polymers and their essential requirements to be fibres for apparel; Filament extrusion techniques in relation to fibre properties.

	<p>Unit 2: Natural fibres such as cotton, wool, silk; Important features of their physical and chemical structure;</p> <p>Properties in relation to fabric/garment performance,</p> <p>Introduction to cultured fibres.</p>
	<p>Unit 3: Synthetic fibres such as polyester, nylon, acrylic, viscose, Tencel and polypropylene;</p> <p>Important features of their physical and chemical structure;</p> <p>Properties in relation to fabric/garment performance</p>
Module 2 (Credit 1) Pre-treatment , Dyeing and Printing of Textiles	
Learning Outcomes	After learning the module, learners will be able to
	1. Understand importance of pre and post treatments
	2. Know about Performance of textile material
	3. Selection of dye class as per fiber
Content Outline	Pre-treatment of textiles
	<p>A. Importance of pre-treatments</p> <p>B. Cotton: desizing, scouring, bleaching, Mercerization</p> <p>C. Wool: scouring, bleaching</p> <p>D. Silk: degumming, bleaching</p> <p>E. Synthetics: scouring, heat setting</p>
	Colouration of Textiles
	Unit 1: Colour perception, Hue, Chroma, Saturation; Dyes and pigments; Application wise classification of dyes;
	<p>Unit 2: Principles of dyeing and application of dyes</p> <p>a. Direct, Reactive, Vat on cotton,</p> <p>b. Disperse on polyester,</p> <p>c. Acid on wool and nylon,</p> <p>d. Basic on acrylic, silk,</p> <p>e. Natural dyes.</p>
	Unit 3: Performance of dyed textiles; Fastness requirements for different end uses

	Unit 4: Printing of textiles: Principles of printing, Printing using dyes and pigments on different fibre fabrics; fixation of prints using various methods; Techniques of printing. After treatments like fixation by steaming/curing, soaping, washing etc.
Module 3 (Credit 1) Textile Finishing and Auxiliary Chemicals	
Learning Outcomes	After learning the module, learners will be able to
	1. Differentiate between finishes applied on textile.
	2. Auxiliaries used and its importance.
Content Outline	Finishing of textiles: Classification of finishes; Mechanical and assisted finishes and machines used for; Specialty Finishes like wrinkle free, durable press, flame retardant, water proof, soil & stain release, antibacterial.
	Classification of auxiliary chemicals used in textile processing; Properties of wetting agents, softeners, detergents, levelling agents, carriers, bleaching agents, thickeners, binders; Eco-friendly chemicals
Module 4 (Credit 1) Textile Processing Equipment and Machinery	
Learning Outcomes	After learning the module, learners will be able to
	1. Develop awareness towards working of equipment's.
	2. Know the machineries suitable for different processes.
	Introduction to equipment and machineries used in Processing, such as kier/ J-box, winch, jigger, padding mangle, steamer, curing chamber, washing unit, jet dyeing

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Collect samples various types of natural and synthetic fabrics and develop report on end uses of various types of fabrics
2. Conduct a quiz on pre-treatment and colouration of Textiles
3. Report on Advance fibers / Smart Textile
4. Group Discussion on dyeing/printing/ finishing techniques

Bibliography

1. Blackburn, R. (2009). Sustainable Textiles: Life Cycle and Environmental Impact. Woodhead Pub.Ltd.
2. Miraftab, M., & Horrocks, R. (2007). Eco Textiles. Woodhead Pub.Ltd, Cambridge.
3. Sangeetha, K. (2017). Eco Textiles and Sustainability. Laser Park Publishing House.
4. Cook, J. Gordon. (n.d.). Handbook of Textile Fibers. Merrow Publishing Co. Ltd, England.
5. Lewin, M., & Sello, S. B. (1983). Handbook of Fiber Science and Technology, Vol. II, Chemical Process of Fibres and Fabrics, Functional Finishes Part A. Marcel Decker, Inc, NY and Basel.
6. Mark, H., Wooding, N. S., & Atlas Smeeds. (1970). Chemicals after Treatment of Textiles. John Wiley & Sons Inc., NY.
7. Marsh, J. T. (1979). An Introduction to Textile Finishing. B. I. Publications.
8. Moncrief, R. W. (n.d.). Manmade Fibres. John Wiley & Sons.
9. Shenai, V. A., & Mehra, R. H. (1984). Evaluation of Textile Chemicals, Vol. VIII.
10. Shenai, V. A., & Saraf, N. M. (n.d.). Chemistry of Organic Textile Chemicals. Sevak Pub.
11. Shenai, V. A. (1987). Chemistry of Dyes & Principles of Dyes, Vol. III, Edition III. Sevak Pub.
12. Shenai, V. A. (1990). Textile Fibers, Vol. I, Edition III. Sevak Pub.
13. Shenai, V. A., & Saraf, N. M. (1990). Technology of Finishing, Vol. X.II Edition. Sevak Pub.
14. Shenai, V. A. (1984). Technology of Dyeing, Vol. I, Edition III. Sevak Pub.
15. Shenai, V. A. (1984). Technology of Textile Processing, Vol. IX. Sevak Publication.
16. Shenai, V. A. (1984). Fundamental Principles of Textile Processing, Vol. IX, I Edition. Sevak Pub.
17. Trotman, E. R. (1975). Dyeing and Chemical Technology of Textile Fibers. Charles Griffino Company Ltd, London

SEMESTER I**1.2 Major
(Core)**

Course Title	Introduction to Textile Processing (Pr) (114922) (College Exam)
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Acquainted with the polymers of which the textile fibres are made.
	2. Explain the principles of chemical processing i.e. from pretreatments process to finishing of textiles.
	3. Understand the fastness requirements of dyed materials.
	4. Importance and use of natural dyes.
Module 1 (Credit 1) - Fiber Identification and Pre-Treatments	
Learning Outcomes	After learning the module, learners will be able to
	1. Perform fiber identification.
	2. Differentiate between pre-treatments.
Content Outline	a. Qualitative Identification of fibres – Cotton, polyester, viscose, nylon, silk, wool and others by use of burning, microscopic, chemical tests.
	b. Pre treatments De-sizing, scouring and bleaching of grey cotton fabric
Module 2 (Credit 1) - Dyeing Techniques and Methods	
Learning Outcomes	After learning the module, learners will be able to
	1. Understand exhaust method of dyeing.
	2. Carry out dyeing on different materials.
	3. Carry out dyeing using different dye classes.

Content Outline	Exhaust dyeing experiments: <ul style="list-style-type: none"> • Dyeing of cotton with direct dye • Dyeing of cotton with reactive dye • Dyeing of wool, silk and nylon with acid dye • Dyeing of polyester with disperse dye by carrier method • Dyeing of acrylic with basic dye • Dyeing of a natural dye on wool using mordant • Dye identification
Module 3 (Credit 1) - Printing Techniques and Styles	
Learning Outcomes	After learning the module, learners will be able to
	1. Differentiate between different styles of printing.
	2. Carry out printing on different materials.
	3. Carry out printing with different dye class.
Content Outline	Direct style printing experiments: <ul style="list-style-type: none"> • Printing on cotton with reactive dye/ • Printing of cotton with pigment/ • Printing of nylon with acid dye/ • Printing of polyester with disperse dye
	Discharge style printing experiments: White/ color discharge under direct dyed cotton
	Mechanical resist printing experiments: Batik style, tie & dye on cotton
Module 4 (Credit 1) - Textile Finishing and Evaluation	
Learning Outcomes	After learning the module, learners will be able to
	1. Apply finish on cotton material.
	2. Perform evaluation of applied finish.
Content Outline	Finishing experiments: <ul style="list-style-type: none"> • Application of starch on cotton and stiffness measurement • Application of resin finish/ soil resistance/flame retardant on cotton (pad-dry- cure) and crease recovery angle measurement of finished cotton

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Fiber Identification of collected fabric samples
2. Dyeing of various types of fabrics using suitable dye
3. Application of various printing techniques
4. Application of Natural Dye on textile material

References:

1. Blackburn, R. (2009). Sustainable Textiles: Life Cycle and Environmental Impact. Woodhead Pub.Ltd.
2. Mirafatab, M., & Horrocks, R. (2007). Eco Textiles. Woodhead Pub.Ltd, Cambridge.
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8. Shenai, V. A. (1987). Chemistry of Dyes & Principles of Dyes, Vol. III, Edition III. Sevak Pub.
9. Shenai, V. A. (1988). History of Textile Design. Sevak Pub.
10. Shenai, V. A. (1988). Technology of Dyeing, Vol. VI. Sevak Pub.
11. Shenai, V. A. (1990). Textile Fibers, Vol. I, Edition III. Sevak Pub.

SEMESTER I

1.3 Major (Core)

Course Title	Garment Construction (Practical) (114923) (University Exam)
Course Credits	4 (Pr)
Course Outcomes	After going through the course, learners will be able to
	1. Design and develop draft patterns for different garments based on body measurements and adaptations.
	2. handling different fabrics, embellishments and quality of finishing of garments.
	3. Understand quality control and commercial process used in Apparel Industry
Module 1 (Credit 1) - Drafting and Stitching Ethnic Casual and Party Wear	
Learning Outcomes	After learning the module, learners will be able to
	1. Draft, cut and stitch ethnic casual wear
	2. Draft, cut and stitch Ethnic party wear
Content Outline	✦To develop and Grade Five Basic Bodice blocks (Bodice front and back, sleeve, skirt front and back) ✦Design and Construct garments using following theme Casual Ethnic wear <ul style="list-style-type: none">• Salwar / Chudidar/ palazzo/ straight pant• Kurta ✦Design and Construct garments using following theme Ethnic Party wear
Module 2 (Credit 1) - Designing and Constructing Indo-Western Outfits	
Learning Outcomes	After learning the module, learners will be able to
	1. Design and cut indo- western outfit.
	2. Stitch and finish indo- western outfit.
Content Outline	Design and Construct Western or Indo -Western outfit <ul style="list-style-type: none">• Trousers and Top or• Skirt and Top or• Dress
Module 3 (Credit 1) - Commercial Paper Patterns and Garment Construction	
Learning Outcomes	After learning the module, learners will be able to
	1. Develop, Design and Grade commercial paper pattern.
	2. Construct a garment using commercial paper pattern.
Content Outline	To construct a garment using commercial pattern

Module 4 (Credit 1) - Drafting, Cutting, and Finishing Gents' Garments	
Learning Outcomes	After learning the module, learners will be able to
	1. Understand drafting and cutting of gents garments.
	2. Understand stitching and finishing of gents garments
Content Outline	<p>Demonstration of cutting and stitching of gent's shirt or trouser by a professional tailor and Visit to a Readymade industry</p> <p>•(Construction details, machinery and Quality Control to be explained to the students who have to submit a report on the same)</p>

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Visit to any Apparel production unit/Boutique
2. Innovative use of any Traditional textile of India for garment construction

References:

1. Brackman, Helen L. 1965. Theory of Fashion Design, New York John Wiley & Sons
2. Helen Joseph, Armstrong. 2007. Draping for Apparel Design – Fairchild Publication, New York
3. Hilde Jaffe and Norie Relis. 1994. Draping for Dress Design (4th ed.) – Pearson Prentice Hall, New Jersey
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13. Gerry Cooklin, 1991. Pattern Grading for children's/ womens'/ men's clothing technology of sizing. Oxford B.S.P. PROFESSIONAL BOOKS, London
14. Gerry Cooklin, 2012. Garment Technology for Fashion Designers, Blackwell Science Ltd.
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16. Winifred Aldrich. 1996. Metric Pattern Cutting for men's wear 3rd edition
17. Winifred Aldrich. 1996. Metric Pattern Cutting for women's wear 3rd edition

SEMESTER I**1.4 Major (Core)**

Course Title	Global Costume (Theory) (114914) (College Exam)
Course Credits	2 (Th)
Course Outcomes	After going through course, learners will be able to 1. Students will able to understand the significant development in production of textiles in the World.
	2. Students will able to develop sound attitude and interest regarding styles and patterns of costumes of India.
	3. Students will able to focus on design details, creation of styles and accessories used from the ancient period till present century.
	4. Student will able to identify the clothing styles from 3000 BC till 21st century.
Module 1 (Credit 1) - History of Fashion and Textiles: From Ancient to Modern	
Learning Outcomes	After learning the module, learners will be able to 1.Students will able to identify the costumes to its nationality.
	2.Students will able to understand the Fabric, techniques and drapes of costumes.
	3.Students will able to understand the importance of textile in historical prospective.
Content Outline	History of Fashion from 18th Century till date Couture: - <ul style="list-style-type: none"> • France • Italy • England • America • Japan • India Importance of textiles in historical perspective Early Fibber's and their products, their use in early civilization: - <ul style="list-style-type: none"> • India – • China • Egypt • Persia • Crete

	<ul style="list-style-type: none"> • Greek • Rome • Peru <p>Costume in ancient civilization:</p>
	<p>Emphasize on fabric, Garment features, Use of colour and decoration. Accessories used in costumes with reference to design, material, colour, texture and suitability: -</p> <ul style="list-style-type: none"> • Indian • Egyptian • Greek • Roman <p>Couture from 18th century till date: -</p> <ul style="list-style-type: none"> • France • Italy • England • American • Japanese • Indian
Module 2 (Credit 1) - Evolution of Clothing Styles and Couture Through the Ages	
Learning Outcomes	After learning the module, learners will be able to
	1. Students will able to understand concept of couture.
	2. Students will able to understand the changes happen in clothing style from 3000 BC till 21 st century.
	3. Students will able to develop fashion garments inspired by different eras.
Content Outline	<p>Changes happened in clothing style from 3000 BC till 21st century:</p> <p>Modern Age:</p> <ul style="list-style-type: none"> • Renaissance Fashion • Spanish Fashion • Netherland Fashion • Rhineland Fashion • Rococo Fashion • English Fashion • Present Day: • 20th century ○ 1900-1950 ○ 1951-2000 • 21st century ○ 2000-2010 ○ 2011-2020

Assignment:

1. Costume collection of various timelines
2. Digital documentation on traditional textiles.

References:

1. Amy Da La Haye, James Laver, Costumes and Fashion: A concise History 2012, Thames and Hudson.
2. Bonnie English, A Cultural History of Fashion in the 20th and 21st Centuries, 2nd edition 2018, Bloomsbury Visual Arts.
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12. Vandana Bhandari, Costumes, Fashion & Jewellery of India 2005, Mercury Books.

SEMESTER I**1.5 MAJOR (ELECTIVE)**

Course Title	Sustainability in Textiles and Apparels (Theory) (124911) (University Exam)
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Know about the ecological aspects affected by textile coloration process.
	2. Effective ways to reduce textile waste
	3. Understand the different types of waste outputs from the textile industry and their management techniques.
	4. Analyze eco standards
	5 Create awareness about slow fashion
Module 1 (Credit 1) - Eco-Textiles Basics	
Learning Outcomes	After learning the module, learners will be able to
	1 Understand the importance of Ecology and Structure of Eco system.
	2 Apply various techniques to extract the natural fibers for making eco textiles.
	3 Extract and apply natural dyes and finishes for eco textiles.
	4 Gain knowledge on Eco testing and Eco standards.
	5 Gain knowledge on Sustainability concepts.

Content Outline	Eco-Textiles Introduction & needs for eco-textiles & its importance. Ecology - Production ecology, Human ecology & Disposal ecology. Structure and stability of the ecosystem. Toxicology of textile dyes. German ban on toxic dyes, chemicals and auxiliaries
Module 2 (Credit 1) - Eco Standards and Sustainability	
Learning Outcomes	After learning the module, learners will be able to
	1. Apply different eco standards.
	2. Evaluate connection between supply, demand and sustainability.
	3. Define the term sustainability.
	4. Analyze sustainable future.
	5. Study about eco auditing.
Content Outline	Eco Standards for Textiles and Sustainability Eco Standards for Textile. Eco-Auditing and Eco-labelling, Eco mark on textiles. Sustainability - definition, history, importance, primary goals, concepts, principles and dimensions, textiles circular and linear economy, Recycling of textiles, The connection between supply, demand and sustainability, a sustainable future.
Module 3 (Credit 1) - Green Clothing Care	
Learning Outcomes	After learning the module, learners will be able to
	1 Gain knowledge about clothing care.
	2 Know about various processes in maintenance of clothing.
	3 Evaluating the best method for clothing maintenance.

	4 Create sustainable method for caring the wardrobe.
	5 Study about the packing of textiles.
Content Outline	Unit 1 Sustainable Clothing Care Green cleaning: ozone laundering, ultrasonic cleaning. Eco-friendly detergents and chemicals for sustainable clothing care. Hand vs. machine wash, wash cycles in washing machines, Energy efficiency of washing machines and dryers. Water and carbon footprint of clothing care.
	Unit:2 Green Consumerism Green consumerism and waste reduction, consumer responsibility towards sustainable fashion. 3Rs – Reduce, Reuse and Recycle
Module 4 (Credit 1) - Ethical Fashion and Upcycling	
Learning Outcomes	After learning the module, learners will be able to
	1 Understand sustainability of fashion industry.
	2 Analyze ethical fashion.
	3 Analyze eco-textiles and eco-friendly fashion labels.
	4 Evaluate sustainable fashion products.
	5 Create upcycled / down cycled products.
Content Outline	Unit:1 Sustainability in Fashion Introduction: Fashion, Sustainability, Pillars of sustainability, Sustainable fashion – meaning and importance.
	Unit:2 Responsible Fashion Concepts of recycling and upcycling. Carbon footprint, water footprint and energy consumption of fashion industry.

Unit:3 Sustainable Fashion Brands and Labels

Sustainable fashion designers, sustainable fashion brands, Eco-friendly fashion labels ,post life cycle

Assignments/Activities

1. Display on Eco- labels and Eco- Marks
2. Eco fibers collection/ market survey
3. Quiz on sustainability of Fashion industry.
4. Create upcycled / down cycled products

Reference

1. Eco Textiles and Sustainability, K. Sangeetha, Laser Park Publishing House, 2017
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4. Care and Maintenance of Textile Products Including Apparel and Protective Clothing Rajkishore Nayak, SaminathanRatnapandian, Textile Institute Professional Publications, 2018
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SEMESTER I**1.6 Minor Stream (RM)**

Course Title	Research Methodology (Theory) (134911) (University Exam)
Course Credits	4 (Th)
Course Outcomes	After learning the module, learners will be able to -
	1. Develop a scientific approach and know the processes of research
	2. Develop the competence for selecting methods and tools appropriate for research topics
	3. Understand concepts of statistical measures of central tendency, dispersion, variability and probability
Module 1 (Credit 1) - Introduction to Research	
Learning Outcomes	After learning the module, learners will be able to -
	1. Understand process of research and its relationship to knowledge and science.
	2. Identify research process based on actual researches conducted.
	3. Recognise process of research problem formulation.

Content Outline	<p>The Research Process</p> <ul style="list-style-type: none"> a. Scientific approach to enquiry in comparison to native, common sense approach b. Knowledge, theory and research c. Role, need and scope of research in the discipline of Home Science <p>Assignment: <i>Differentiate between investigative reporting and research report (with examples to be brought by students as exercise)</i></p> <p>Steps in Research Process and Elements of Research</p> <ul style="list-style-type: none"> a. Identifying interest areas and prioritizing Selection of topic and considerations in selection b. Review of related literature and research c. Variables- types of variables including discrete and continuous variables Conceptual definitions and operational definitions d. Concepts, hypotheses and theories e Hypothesis- meaning, attributes of a sound hypothesis, Stating the hypothesis and types of hypothesis Hypothesis testing- null hypothesis, sample distribution, level of significance, critical regions, Type I and Type II errors f. Research Design Research questions, objectives and assumptions <p>Ethics in Research</p>
Module 2 (Credit 1) - Types of Research	
Learning Outcomes	After learning the module, learners will be able to -
	<ul style="list-style-type: none"> 1. Understand and apply different types of research procedures. 2. Able to design research studies by knowing methods of research.
Content Outline	<p>Types of Research</p> <ul style="list-style-type: none"> a. Basic and Applied research, Qualitative and Quantitative research (brief review of differences) b. Historical research c. Descriptive research methods – survey, case study, correlational study, content analysis, causal-comparative research d. Analytic studies- pre-experimental, experimental research, quasi experimental research e. Qualitative research, Ethnography f. Evaluative research- general characteristics, use of qualitative methods in enquiry <p>Scope and importance in Home Science.</p>
Module 3 (Credit 1) - Sampling Techniques	
Learning Outcomes	After learning the module, learners will be able to -
	<ul style="list-style-type: none"> 1. Understand different techniques of sampling. 2. Apply sampling procedures for specific research problems.

Content Outline	Sampling <ol style="list-style-type: none"> Rationale, characteristics- meaning, concept of population and sample, and utility Types of sampling and generalizability of results Probability sampling - simple random sample, systematic random sample, stratified random sampling etc - random and non-random samples, random numbers and use Non-probability sampling - purposive samples, incidental samples, quota samples, snowball samples General consideration in determination of sample size
Module 4 (Credit 1) - Data Collection Tools	
Learning Outcomes	After learning the module, learners will be able to - <ol style="list-style-type: none"> Know different tools of data collection. Design different tools of data collection.
Content Outline	Tools for Data Collection <ol style="list-style-type: none"> Primary and secondary methods of data collection Different types of questionnaires, rating scales, check lists, schedules, attitude scales, inventories, standardized tests, interviews, observation Development of tools, estimation of reliability and validity of tools Procedure for preparation of the tool, administration of tools for data collection Procedure for data collection Planning for data analysis-coding of responses

Assignments:

- Construction of tools for data collection
- For a given topic frame and discuss the different possibilities of methods and tools
- Differentiate between (a) basic and applied research (Exercise to be based on actual research papers published in accredited journals) (b) qualitative and quantitative research
- Based on Journal contents undertake a critical appraisal of studies/research papers and discuss types of Research with examples.

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- Festinger, L. and Katz, D. (ed.) (1977): Research Methods in the Behavioral Sciences, Amerind Publishing, New Delhi.
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SEMESTER II**2.1Major (Core)**

Course Title	Quality Control for Textile and Apparel (214911) (Theory &Practical) (University Exam)	
Course Credits	(2 + 2) Th/ Pr	4 credit
Course Outcomes	After going through the course, learners will be able to	
	1.Develop an understanding of methods and techniques used to analyse textile fibers, yarns and fabrics for end use performance	
	2.acquire knowledge and understanding of various structural properties of textiles and relate them to end use fabric performance and product	
	3.familiarize with the different testing equipment's, their underlying principles and the international accepted standards, test methods and the language of measurement	
	4.able to analyze and interpret the results and predict the general textile behavior performance	
	5. To develop understanding of the importance of quality control in textile testing	
Module 1(Credit 1)	Introduction to Textile Testing and Fiber Analysis (Th)	
Learning Outcomes	After learning the module, learners will be able to	
	1. Identification of fibers and develop an understanding of importance of Textile Testing and analysis,	
	2. Acquire knowledge national and international organizations involved in textile testing, fiber dimensions and yarn testing	

Content Outline	<p>Introduction</p> <p>Unit 1: Importance of Textile Testing and analysis, objectives (reasons) of textile testing, uses of Testing information, Factors influencing Quality Control</p> <p>Unit 2: Sampling, terms used in sampling, fiber sampling, yarn sampling, fabric sampling</p> <p>Unit 3: Development of standard test methods, national and international organizations involved in textile testing, ISO Stds. and ISO – Series</p> <p>Unit 4: Precision and accuracy of testing methods, atmospheric conditions for textile testing, temperature and humidity, measurement of humidity and moisture in textiles</p> <p>Unit 5: Prints and Colour Terminologies like: Quality defects, Print defects and Colour defects. Color Matching and Standardization - Organization working on colour matching- Pantone. Understanding shade variation, Color Evaluation.</p>
Module 2(Credit 1) Fabric and Garment Testing and Evaluation (Th)	
Learning Outcomes	After learning the module, learners will be able to
	1.Carry out Testing and Evaluation of Fabric and Garment
	2.Analyze and interpret the results of fabric and garment testing's
Content Outline	<p>Fabric and Garment Test</p> <p>Unit 1: Fabric and Seam Strength Terminologies and definitions like force units, Breaking strength and Tensile strength, Stress, specific stress, Tenacity, Elongation, Strain, Extension, Extension percentage, Gauge length, Elastic recovery, Force and elongation curve</p> <p>□Tensile Strength: Factors affecting tensile testing, fabric characteristics affecting tensile properties,</p> <p>machines and their working principles</p> <p>□Breaking strength – Ravelled strip method, method and Grab method, cut strip method</p> <ul style="list-style-type: none"> • Tearing Strength – Tongue tear test, Trapezoid method, Elmendorf tear test • Bursting strength – Hydraulic / Diaphragm bursting test

- Seam strength and yarn slippage in woven fabrics at seams, seam slippage tests for woven and upholstery fabrics, needle cutting in a fabric, sew ability of fabrics and seam efficiency.

Unit 2: Fabric Stiffness, Handle and Drape -

- Fabric Stiffness and Handle – definitions, methods of measuring fabric
- stiffness - Shirley stiffness test, Hanging loop method Drape – definitions, methods of measuring fabric drape – drape meter
- Crease Resistance and Crease Recovery – definitions of terms, advantages of giving resin treatment to fabrics, fabric characteristics affecting wrinkle resistance, methods of measuring crease recovery – Total test, Shirley crease recovery test,
- visual comparison method
 - i) Kawabata Evaluation system (KES) for fabrics
 - ii) Fabric Assurance by Simple Testing (FAST) system.

Unit 3: Fabric / Garment Serviceability -

- Definitions of terms – serviceability, wear durability Snagging – definition, methods for testing snag resistance of fabric
- Pilling – definition, causes of pilling, stages in formation of pilling, remedies for reducing pilling, methods for testing pilling resistance of fabrics – brush and sponge pilling test, random tumble pilling test
- Abrasion – definition, types of abrasion, properties affecting abrasion resistance, Common abrasion instruments and methods used for evaluating abrasion method, flexing and abrasion method, rotary platform method, Accelerator method, edge and fold abrasion method (all in brief), assessment of abraded sample

Unit 4: Wear Comfort of Clothing -

Air Permeability – definitions, air resistance, air porosity, fabric properties and air permeability, methods for measuring air permeability of fabrics - Shirley air permeability tester, Gurley Densometer, Frazier air flow tester

Unit 5: Water Absorption and Water Repellency of Fabrics -

- Water absorption, methods of measuring amount of water absorbed – static Immersion test
- Wettability of fabrics – definition, methods used or testing wettability of fabrics
- Sinking time test of fabrics
- Definitions of waterproof shower proof, water repellent fabrics. Methods for measuring the water repellency of fabrics – Spray test, Bundesmann test, Drop Penetration test, WIRA shower test, Hydrostatic head test

Unit 6: Dimensional Stability -

Definition, Types of Shrinkage – Relaxation, Swelling, Felting, Thermal / Contraction, growth shrinkage in knits Methods used for evaluating dimensional change in fabrics and garments,

	<p>dimensional change in washing and drying conditions in home laundering, commercial laundering Dimensional Restoration of Fabrics</p> <p>Durable press evaluation of Fabrics and Apparel</p> <p>Unit 7: Colour Fastness – Introduction, colour fastness test methods to washing, dry cleaning, light, crocking, perspiration, heat (hot pressing)</p>
Module 3(Credit 1) Practical Yarn Testing Techniques	
Learning Outcomes	After learning the module, learners will be able to
	1.Carry out Physical yarn testing like linear density, crimp, twist, evenness, strength etc.
	2.Analyze and define various physical parameters of yarn testing.
Content Outline	<p>Practical Yarn Testing</p> <ul style="list-style-type: none"> • Measuring linear density of yarn from yarn package (skein method), • Yarn Crimp in woven fabrics • Yarn twist – i) Single spun yarn and ply yarn, ii) twist factor • Yarn evenness • Yarn strength test – i) Single strand test and ii) skein / lea strength test and CSP
Module 4(Credit 1) Practical Fabric Testing and Evaluation	
Learning Outcomes	After learning the module, learners will be able to
	1. Carry out physical fabric testing Fabric Strength Tests like Breaking force and Elongation, Tearing Strength, Bursting Strength and Seam Strength test
	2 Carry out Evaluation of fabric handle tests Fabric / Garment Serviceability tests, colour fastness tests.
Content Outline	<p>Practical Fabric and Garment Testing</p> <p>Strength Properties of Textile and Apparels –</p> <p>i) Fabric Strength Tests –</p> <ul style="list-style-type: none"> • Breaking force and Elongation of fabrics • (Strip and grab test) • Tearing Strength of woven and non-woven fabrics • Bursting Strength of knitted fabrics.

	<p>ii) Seam Strength test for woven and knit fabrics- Resistance to Slippage of yarns in woven fabrics using a std. seam Failure in sewn seams of woven and knit fabrics</p> <p>Evaluation of fabric handle –</p> <ul style="list-style-type: none"> • Fabric Stiffness (bending length) • Fabric Drape • Crease recovery – oRecovery angle method oAppearance method. • Fabric / Garment Serviceability – • Pilling Test • Abrasion Test • Air Permeability • Thickness Test – i) Woven and Knit fabrics • Fabric Count and Cover factor - Woven Fabrics • Fabric Count (wales and courses / inch) and Stitch • Mass / unit area (weight) of woven fabrics • Fabric Density Ends & Picks • Evaluation of Color fastness of dyed fabrics / apparels to – Artificial Light • Crocking • Perspiration • Washing in launder meter • Heat: Hot Pressing • UV protection and UV resistance
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Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Visit to textile testing organization and report presentation
2. Group Discussion on recent developments in textile testing.

References

1. Billie J. Collier and Helen E. Epps.1998. Textile Testing and Analysis, Prentice Hall, New Jersey
2. Brackenbury Terry. 2013. Knitted Clothing Technology, Blackwell Science Ltd.
3. George Stylios. 1991. Textile Objective Measurement Automation in Garment Manufacture, Ellis Horwood Ltd, England
4. Groover and Hamby.2011. Handbook of Textile Testing and Quality Control 5.J. E. Booth.1968. Principles of Textile Testing, Newness Butterworth, London.
6. John H. Skinkle. 1949. Brooklyn, Textile Testing, New York.
7. Pradip V. Mehta.2001. An Introduction to Quality Control for Apparel Industry, Marcel Dekker, New York
8. Textile Testing & Quality Control Standards like – BIS, BS, ASTM, ISO, AATCC, etc.
9. Abhijit Majumdar, Apurba Das, R. Alagirusamy and V. K. Kothari, "Process Control in Textile Manufacturing", Woodhead Publishing, 2013.
10. Pradip V.Mehta, P. E. Satish, K. Bhardwaj, "Managing Quality in The Apparel Industry", New Age International Private Limited Publishers, Delhi, 2006.
11. P. W. Harrison, "On-line Quality Control in Spinning and Weaving", The Textile Institute, 1988.

SEMESTER II**2.2 Major (Core)**

Course Title	Garment Design through Draping (Practical) (214922) (College Exam)
Course Credits	4 Pr
Course Outcomes	After going through the course, learners will be able to
	1. Draping of foundation on dress form: basic bodice, basic skirt and basic sleeve
	2. Dart variations, tucks, pleats and gathers
	3. Neckline, bodice yolk and waist line variations
	4. Princes lines, cowels and its variations
	5. Variations of skirts, collars and sleeves
Module 1 (Credit 1) - Draping Foundations	
Learning Outcomes	After learning the module, learners will be able to
	1. Acquire knowledge about dress form, draping tools and equipment's.
	2. Pre pare of muslin for draping and draping of foundation on dress form.
Content Outline	<ul style="list-style-type: none">a) Introduction to dress form, draping tools and equipment required (including pressing equipment for draping)b) Preparation of muslin for draping – grain, tearing, pressing, seam allowancec) Draping of foundation on dress form<ul style="list-style-type: none">• Basic Bodice (Front & Back) – Preparation of muslin, shaping steps, marking, truing, check fitting• Basic Skirt (Front & Back) – Preparation of muslin, shaping steps, marking, truing, check fitting of the finished skirt• Basic Sleeve (Front & Back) – Preparation of muslin, shaping steps, marking, truing, check fitting
Module 2 (Credit 1) - Dart & Style Variations	
Learning Outcomes	After learning the module, learners will be able to
	5. Drape dart variations on drape form.

	6. drape Tucks, pleats, gathers and Neckline variation, Bodice yoke variations, Waistline variations and Princess line Bodice. 7. Drape cowl on dress form.
Content Outline	A. Dart variation using basic (front) <ul style="list-style-type: none"> • Waistline dart, French dart, side seam dart, armhole dart, flange dart, shoulder dart, neckline dart, bust line (center front) dart, combination of any 2 darts (one pattern) • Sewing and Pressing darts B. Tucks, pleats and gathers – one pattern each C. Neckline variation (front) <ul style="list-style-type: none"> • draping of various necklines using style tape (back) – lower back neckline (one pattern) • Halter – Preparation of muslin and draping steps for different halter variations, checking the fit D. Bodice yoke variations E. Waistline variations F. Princess line Bodice – Variations – Preparation for muslin for front and back, draping steps for front and back, check the fit G. Cowls <ul style="list-style-type: none"> i) Basic cowls – preparation of fabric, draping steps, checking the fit ii) Cowl variation – draped, pleated, gathered
Module 3 (Credit 1) - Skirt Variations	
Learning Outcomes	After learning the module, learners will be able to 1. Drape various types of skirts on drape form.
Content Outline	Skirts – Variations like (any three) <ul style="list-style-type: none"> a) One-piece basic skirt with darts b) Eased / A-line skirt c) Flare skirt d) Skirt with hip yoke e) Circular skirt f) Wrap skirt g) Tiered skirt h) Any other
Module 4 (Credit 1) - Collar Design	

Learning Outcomes	After learning the module, learners will be able to
	1. Drape various types of collars on drape form.
Content Outline	<ul style="list-style-type: none"> •Collars - <ul style="list-style-type: none"> a) Open / Convertible collar b) Mandarin collar c) Sailor collar d) Turtle neck e) Any other

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. To drape and stitch one-piece dress or two-piece dress
2. To develop Basic body (Torso foundation) for Knitted Tops using draping method.
(like T-Shirts or Camisoles using cotton knit or any other fibre type fabric)
3. Freehand draping
4. Avant-garde

References

1. Brackman, Helen L. Theory of Fashion Design, New York John Wiley & Sons
2. Helen Joseph, Armstrong, Draping for Apparel Design – Fairchild Publication, New York
3. Hilde Jaffe and Norie Relis, Draping for Dress Design (4th ed.) – Pearson Prentice Hall, New Jersey
4. Hill House M.S. & Mansfield E.A., Dress Design – Draping & Flat Pattern London
5. Natalie Bray, Dress Fitting (2nd Ed.) Blackwell Science
6. Natalie Bray, More Dress Pattern Designing (4th Ed.) Blackwell Science
7. Nora Mac Donald – Prentice Hall, Principles of Flat Pattern Design (2nd Ed.) New Jersey
8. Popin, Harriet, Modern Pattern Design, New York
9. Sheldon Maratha Gene, Design through Draping, U.S.A. Burgers Publishing Company
10. Strickland Gertude, A Tailoring Manual, New York, Macmillan Company

SEMESTER II

2.3 Major (Core)

Course Title	Apparel Merchandising (Theory) (214913) (University Exam)
Course Credits	4 (Th)
Course Outcomes	After going through course, learners will be able to <ol style="list-style-type: none">1. Students will able to get knowledge about fashion marketing & merchandising.2. students will able to understand the concept of markets, consumers, marketing.3. students will able to select the material and costing of goods.
Module 1 (Credit 1) - Marketing vs. Merchandising	
Learning Outcomes	After learning the module, learners will be able to
	1.Students will able to differentiate between marketing and merchandising.
	2. Students will able to know about different kinds of marketing & merchandising techniques.
	3. Students will able to identify different types of window display & lighting techniques.
Content Outline	<ul style="list-style-type: none">• Principles of Marketing• Functions of Fashion Merchandising & Marketing• Role of Merchandiser in Apparel Industry• Merchandising in Apparel Industry & Merchandising Concepts & Terminology• Visual Merchandising & Store Image• Elements of Merchandise Display• Types of Window Display• Lighting Techniques & Visual Presentation
Module 2 (Credit 1) - Apparel Production and Buying	
Learning Outcomes	After learning the module, learners will be able to
	1. Students will be able to know about apparel production process.
	2. Students will be able to analyse current fashion trends in the marketplace.
	3. Students will able to gain knowledge about fashion buying process.

	4. Students will able to understand the vendors selection process.
Content Outline	<ul style="list-style-type: none"> • Apparel Production & Quality Management • Fashion Buying • Role of Fashion Buyer • Predicting Fashion Trends • Fabric and Garment Sourcing and Digital Sourcing • Working With Vendors
Module 3 (Credit 1) - Product Line and Resources	
Learning Outcomes	After learning the module, learners will be able to
	1. Students will able to develop a product line.
	2. Students will able to understand the role of PPC in apparel industry.
	3. Students will able to analyse and select the resources.
Content Outline	<ul style="list-style-type: none"> • Production, Planning & Control • The Fashion Merchandising Assortment Plan • Working with Budget. • Analysing and Selecting Resources.
Module 4 (Credit 1) - Costing and Negotiation	
Learning Outcomes	After learning the module, learners will be able to
	1. Students will able to understand the concept of apparel costing.
	2. Students will able to identify the different types of discounts.
	3. Students will able to understand negotiation skills.
Content Outline	<ul style="list-style-type: none"> • Apparel Costing • Definition of Cost & Other Common Terms. • Discounts-Types • Negotiations & Specifications with Vendors and Customers

Assignments/ Activities towards Comprehensive Continuous (CCE)

1. Window display
2. Quiz on current and Future Fashion Trends
3. Make Fashion Merchandising Assortment Plan with Budget
4. Improve digitalization in merchandising (Group Discussion)

References

1. Chapman, S. N. (2006). *Fundamentals of Production, Planning & Control*. South Asia: Dorling Kindersley (India) Pvt. Ltd. and Pearson Education.
2. Krishnakumar, M. (2011). *Apparel Coasting- A Functional Approach*. Abhishek Publication.

3. Morgan, T. (2016). *Visual Merchandising- Window & in Store Displays for Retail* (3rd ed.). Laurence King.
4. Nayak, R. & Padhye, R. (2015). *Garment Manufacturing Technology*. 80 HighStreet, Sawton, Cambridge: Woodhead.
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7. William, P., Cannon, J. P., Cannon, J., & McCarthy, E. J. (2011). *Essentials of Marketing*. McGraw-Hill Education.
8. Wolfe, M. G. (2013). *Fashion Marketing and Merchandising*.Goodheart-Willcox Company, Incorporated.

SEMESTER II**2.4 Major (Core)**

Course Title	International Embroideries and Paintings (214924) (Practical) (College Exam)
Course Credits	2 (Pr)
Course Outcomes	<p>After going through course, learners will be able to</p> <ol style="list-style-type: none"> 1. Students will be able to gain knowledge of significant development in the production of textile in the world. 2. Students will be able to understand the International Embroideries and Textiles of historical significance that influenced other cultures and civilizations. 3. Students will be able to focus on design details, creation of styles and accessories inspired from traditional motifs till the present. 4. Students will be able to identify international painted textiles.
Module 1 (Credit 1) - International Embroideries	
Learning Outcomes	<p>After learning the module, learners will be able to</p> <ol style="list-style-type: none"> 1. Students will be able to develop a sound attitude and interest regarding embroidery, styles and patterns of international Embroideries. 2. Students will be able to identify the different stitches and colour combinations used in international embroideries. 3. Students will be able to develop products with the help of various embroidery stitches.
Content Outline	<p>Introduction to International Embroidery with respect to History, Motifs, Colors combinations and its application area: Countries with traditional embroideries</p> <ol style="list-style-type: none"> 1. Ukraine- Ukrainian embroidery 2. Palestine- Tareez and Tahriri 3. Tunisia- Tunisian embroidery 4. Serbia- Serbian embroidery 5. Japan- Sashiko 6. Spain: Spanish embroidery 7. Brazil: Brazilian embroidery 8. Turkish: gold thread work 9. Bulgaria: Bulgarian folk art 10. France- Tambour Embroidery 11. England: Spider/Crewel embroidery

	12. India: Kutch and Chikankari
Module 2 (Credit 1) - International Painted Textiles	
Learning Outcomes	After learning the module, learners will be able to
	1. Students will be able to develop a sound attitude and
	interest regarding embroidery, styles and patterns of international paintings.
	2. Students will be able to identify different types of paintings around the world.
	3. Students will be able to develop the products with the help of using various painting techniques.
Content Outline	<ul style="list-style-type: none"> • International Painted textiles with respect to their origin, styles, Motifs used and Color combinations.
	<p>Countries of Origin:</p> <ol style="list-style-type: none"> 1. Japan: Guohua 2. China: Bamboo Painting 3. India: Kalamkaari/Madhubani 4. Egypt: Egypt art 5. Africa- Tribal art painting

Assignments/ Activities towards Comprehensive Continuous Evaluation (CCE)

1. Product development by using Traditional Embroideries.
2. Product development by using Traditional Paintings.

References:

1. Bah, S. (2015). *Madhubani Art*. Museum of Sacred Art.
2. Carr, H & Pomeroy, J (2006). *Fashion Design and Product Development*. Blackwell Science Ltd, Carington road, Oxford UK.
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11. Wyszynski L. (2012). *The Complete Photo Guide to Needlework*. Creative.

SEMESTER II**2.5 Major (Elective)**

Course Title	Advance Fashion Illustration (Practical) (224921) (College Exam)
Course Credits	4 (Pr)
Course Outcomes	After going through course, learners will be able to
	1. Students will able to focus on design details, creation of styles and rendering techniques using different media and themes.
	2. Students will able to interpret and analyze forecast trends to design fashion communication in sync with the forecast.
	3. Students will able to understand the importance of forecasting in creating a fashion communication campaign for the forthcoming fashion collections.
Module 1 (Credit 1) - Fashion Figures and Rendering	
Learning Outcomes	After learning the module, learners will be able to
	1. Students will able to draw fashion figures by understanding body proportion.
	2. Students will able to enhance their rendering skills using different color medium.
	3. Students will able to
Content Outline	Sketching of different action croquis (front, back and side view) Manual/CAD Basic Rendering Techniques: - Colour matching using different mediums Stripes, Checks, gingham and plaids Patterns and textures, reducing a print, Shading. CAD: - <ul style="list-style-type: none">• Introduction to Tools for creating motifs.• Motifs repetition for print creation.• Creating garment flats and placing designs• Croqui creation and garment designing on croqui.• Drawing croquis and designing garments on them.

Module 2 (Credit 1) - Garment and Detail Sketching	
Learning Outcomes	After learning the module, learners will be able to
	1. Students will able to draw different necklines, collars, sleeves, etc.
	2. Students will able to explore and design different types of garments such as, skirts, pant, blouse, etc. according to market trends.
Content Outline	Sketching of Garments and Garments Details (Manual/ CAD): - 1. Necklines and collars

	2. Sleeves details 3. Skirts and pants 4. Blouses, coats and jackets 5. Pleats, cowls and cascades 6. Yokes and underskirts Sketching of Accessories: - <ul style="list-style-type: none"> • Hats and headgears • Footwear Bags and purses • Jewellery Any other accessories
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Module 3 (Credit 1) - Accessory Design and Ideation	
Learning Outcomes	After learning the module, learners will be able to
	1. Students will able to explore different fashion accessories and footwear
	2. Students will able to develop an approach towards ideation.
	3. Students will able to develop different wears using garments details.
Content Outline	Sketching of 6 theme wear using following (Manual/CAD) 1. Necklines and collars 2. Sleeves details 3. Skirts and pants 4. Blouses, coats and jackets 5. Pleats, cowls and cascades 6. Yokes and underskirts 7. Hats and headgears 8. Footwear Bags and purses 9. Jewellery Any other accessories

Module 4 (Credit 1) - Theme-Based Line Development	
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none"> 1. Students will be able to gain knowledge about different themes required in the field of fashion. 2. Students will be able to draw different clothing lines based on selected or particular themes 3. Students will be able to conceptualize their ideas of different accessories with the garments
Content Outline	Based on fashion forecast, develop a mood board and colour board and design a line of 6 ensembles for women's wear – with reference to Sourcing of raw materials <ul style="list-style-type: none"> • Developing line based on the fabric and theme selected • Spec sheet study • Sampling • Garment analysis • Costing – construction of garments • Line presentation • Use of sale promotion material

Assignments:

1. Use of Stripes, Checks, gingham and plaids in fashion garments
2. Collection of latest designs of accessories
3. Development of Mood board/colour board
4. Development of one theme-based design apparel along with accessories.

References:

1. Abbing Bina, Fashion Sketchbook 2023, 8th edition, Fairchild Publishers, New York.
2. Anna Kiper, Fashion Illustration: Inspiration and Techniques, 2016, David and Charles.
3. David Downton, Master of Fashion Illustration 2012, Laurence King Publication.
4. Gwyneth Holland, Rae Jones, Fashion Trend Forecasting 2017, Laurence King Publishing.
5. Harold Carr, John Ponery, Fashion Design and Product Development 2009, Willy India Pvt. Ltd.
6. Holly Nichol, Modern Fashion Illustration 2021, centennial books.
7. Lorynn R. Divita, Fashion Forecasting 2015, Fairchild book.
8. Stuart McKenzie, Creative Fashion Illustration 2020, Bloomsbury Publishing.
9. Zeshu Takamura, Fashion Illustration Techniques: Super Reference Book for Beginners 2012, packport Publisher.2.6

SEMESTER II

2.6 OJT (244941)

Course outcomes

Learners will be able to

- Improve their master professional soft skills such as communication, punctuality and time management.
- Practice and improve their industry skills while also learning how to work.
Start to build a professional network that can be a resource for the student

SEMESTER III

3.1 Major (Core)

Course Title	Fashion Range Development (314921) (Pr) (U)
Course Credits	4 (Pr)
Course Outcomes	After going through course, learners will be able to: <ol style="list-style-type: none">1. Revise market research and analyze fashion trends.2. Select a target market for their fashion range.3. Plan a cohesive fashion collection that meets the needs of their target market.4. Determine the basics of garment construction, materials selection, and production processes.5. Invent a professional fashion range presentation, including mood boards, sketches, and prototypes.
Module 1 (Credit 1): Introduction to planning of Range Development	
Learning Outcomes	After learning the module, learners will be able to:
	1. Revise what fashion range development in fashion industry is.
	2. Discover upcoming trends in fashion including colors, material, patterns, and styles.
	3. Determine and understand the target market for fashion range.
Content Outline	<ul style="list-style-type: none">• Introduction to Fashion Range Development<ol style="list-style-type: none">a. Overview of the fashion industryb. Understanding fashion cycles and trends• Market Research and Trend Analysis<ol style="list-style-type: none">a. Techniques for conducting market researchb. Analyzing and forecasting fashion trends• Target Market Identification<ol style="list-style-type: none">a. Defining your brand's target demographicb. Understanding customer needs and preferences• Planning of Range Development

Module 2 (Credit 1): Design processes and Brand development	
Learning Outcomes	After learning the module, learners will be able to
	1. Analyze the components of brand identity.
	2. Construct a mood boards and inspiration board with the help of their concepts.
	3. Build skills in sketching and illustrating fashion designs that effectively communicate the designer's vision.
Content Outline	<ul style="list-style-type: none"> • Branding and Identity <ul style="list-style-type: none"> a. Developing a brand identity b. Branding strategy and positioning • Collection Concept Development <ul style="list-style-type: none"> a. Conceptualizing your fashion range b. Mood boards and inspiration • Design Process <ul style="list-style-type: none"> a. Sketching and designing pieces for the collection b. Selection of fabrics and materials
Module 3 (Credit 1) : Technical Aspects of Fashion Design	
Learning Outcomes	After learning the module, learners will be able to
	1. Compare various garments construction techniques.
	2. Justify the environment impact of design choices and strive for sustainable innovation.
	3. Improve comprehensive understanding of the range planning process in fashion merchandising.
Content Outline	<ul style="list-style-type: none"> • Technical Aspects of Fashion Design <ul style="list-style-type: none"> a. Garment construction techniques b. Sizing and fitting • Production Processes <ul style="list-style-type: none"> a. Overview of the production cycle b. Quality control and sustainability considerations • Planning and Merchandising <ul style="list-style-type: none"> a. Planning the range: assortment, pricing, and merchandising strategies
	b. Visual merchandising for your collection
Module 4 (Credit 1) : Marketing and Promotion	

Learning Outcomes	After learning the module, learners will be able to
	1. Simplify the basic principles of marketing.
	2. Build a professional portfolio that includes the development process and final design collection.
	3. Develop a collection to stakeholders, including peers, instructors, and potential buyers.
Content Outline	<input type="checkbox"/> Marketing and Promotion <ol style="list-style-type: none"> Developing a marketing plan for your range Digital marketing and social media strategies <input type="checkbox"/> Final Project Work <ol style="list-style-type: none"> Work on final collection development and presentation <input type="checkbox"/> Final Presentations <ol style="list-style-type: none"> Presentation of final fashion range projects Peer review and feedback session

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

- In depth study of Fashion Brands
- Create mood boards and colour board based on current fashion trends.
- Illustrate a Fashion Range based on developed mood and colour board
- Visits to fashion studios/ fashion accessories manufacturing unit or Participation in a fashion show as a final project showcase.

References:

1. Breuer, S. (2014). *Blue is the New Black: The 10 Step Guide to Developing and Producing a Fashion Collection*. Laurence King Publishing
2. Capello, V. P. & Misani, N. (2019). *Fashion Collections: Product Development and Merchandising*. Egea
3. Dr. Roy, S., Dr. Hiran, D., & Dr. Hiran, D. (2019). *Fashion Forecasting in India*. RED'SHINE Publication. Pvt. Ltd
4. Kim, E., Fiore, M. A., Payne, A., & Kim H. (2021). *Fashion Trends: Analysis and Forecasting*. Bloomsbury Publishing
5. Kiper, A. (2016). *Fashion Illustration: Inspiration and Technique*. David & Charles

SEMESTER III

3.2 Major (Core)

Course Title	Portfolio Development (314922) (Pr) (U)
Course Credits	4 (Pr)
Course Outcomes	<p>After going through course, learners will be able to</p> <ol style="list-style-type: none">1. Create a fashion design portfolio to showcase their specific skills and strengths2. Select portfolio as a communication tool to influence for placement and higher Education.3. Analyze a comprehensive process of creating a design portfolio.4. Conclude a final portfolio with various creative projects done during the past semesters.
Module 1 (Credit 1) : Introduction to Portfolio	
Learning Outcomes	After learning the module, learners will be able to
	1. Differentiate types of portfolios.
	2. Discover various elements which are used for preparing a portfolio.
Content Outline	<ul style="list-style-type: none">• Introduction to Portfolio What is a design portfolio? The different versions of a portfolio - Hard copy and digitized, Portfolio of different designers, Design process in a portfolio.• Preparing Portfolio elements - Different elements of a portfolio - Graphic Design basics - layout, fonts, colors, portraying your personal style and aesthetics, Enlisting all the relevant work for the portfolio.
Module 2 (Credit 1) : Planning and conceptualization of information	
Learning Outcomes	After learning the module, learners will be able to

	1. Examine their interest area and skill for making creative portfolio.
	2. Access the preparation process of making portfolio.
	3. Develop the professional fashion designer CV.
Content Outline	<ul style="list-style-type: none"> Planning, conceptualization and structuring of information: <ol style="list-style-type: none"> Competencies (Professional/ skills) Area of specialization and interest. Format/ Layout of portfolio Process of making portfolio <ol style="list-style-type: none"> Digital portfolio making Print / Hard copy Developing a professional Fashion Designer CV
Module 3 (Credit 1) : Process of making E Portfolio	
Learning Outcomes	After learning the module, learners will be able to
	1. Create portfolio
	2. Select elements of work to include in their portfolio.
	3. Build a professional summary of their work.
Content Outline	<ul style="list-style-type: none"> Digital or online or E- portfolio making: Tools/ software use to making creative portfolio: Adobe Express, Canva, Adobe InDesign, Photoshop, Illustrator. Process of making E Portfolio: <ol style="list-style-type: none"> Cover Page Designer's profile Contents Showcasing best projects Achievements Experiences
Module 4 (Credit 1) : Process of making Manual Portfolio	

Learning Outcomes	After learning the module, learners will be able to
	1. Produce print/ handmade portfolio
	2. Analyze the content which needs to be included in a portfolio.
	3. Modify the required improvements and how to apply into the work.
Content Outline	<ul style="list-style-type: none"> • Print/ handmade portfolio making: Planning of making creative handmade portfolio: Presentation formats and techniques, Choosing the Theme and Story for Portfolio, Portfolio Presentation Boards, developing a new collection or reworking old work • Process of making Print/ handmade Portfolio (Same as Soft)

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

- Group discussion on the topic of purpose of fashion portfolio and its importance.
- Using skills assessment and experience inventory, create fashion design CVs.
- Students will present their digital portfolios to the class, demonstrating key features and discussing design choices, content selection, and user experience.
- Showcase Final handmade portfolio.

Reference:

1. Barrett, J. (2014). *Designing your Fashion Portfolio: From Concept to Presentation*. Bloomsbury Publishing.
2. Hagen, K. & Hollinger J. (2012). *Portfolio for fashion designers*. Pearson Education.
3. Kiper, A. (2016). *Fashion Portfolio: Design and Presentation*. Batsford.
4. Tain, L. (2022). *Portfolio presentation for fashion designers*. (4th ed). Bloomsbury Publishing.
5. Sharma, D. & Dr. Singh, P. (2021). Fashion Design Student Portfolio: -A Reflection of Designer's Creativity. *Journal of Design Engineering*. (4), 1527-1537.
DOI:10.13140/RG.2.2.26549.19686.

SEMESTER III

3.3 Major (Core)

Course Title	Trend Research and Forecasting (314913) (Th) (U)
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Understand and acquire methodologies for field research in fashion trend forecasting
	2. Apply outcomes from field research in order to create a forecast proposal for a company
	3. Articulate persuasive conclusions, in written and oral formats, for the company
Module 1 (Credit 1) : The Concept and Methods of Fashion Forecasting	
Learning Outcomes	After learning the module, learners will be able to
	1. Analyze fashion forecasting.
	2. Apply theoretical concepts of types, process and various ways of forecasting trends.
	3. Enhance their analytical skills on steps of fashion forecasting.
Content Outline	<p>The Concept of Fashion Forecasting</p> <ul style="list-style-type: none">• Types of Fashion forecasting• Purpose and steps of fashion Forecasting• Various ways to forecasting trends• Demand forecasting• Forecasting Process• Influence of Fashion Forecasting• Companies provide fashion Forecasting
Module 2 (Credit 1) : Global Trends and Forecasting Techniques	
Learning Outcomes	After learning the module, learners will be able to
	1. Understand Fashion trends forecasting with Global Source.
	2. Learn techniques for Fashion Forecasting and Fashion forecasting Process used globally

	3. Explain types of forecasting and Sources of trend information
Content Outline	<ul style="list-style-type: none"> • International trends and Sources of Trend Information • Fashion trends forecasting with Global Sources • Techniques for Fashion Forecasting • Fashion forecasting Process • Types of forecasting • Sources of trend information
Module 3 (Credit 1) : AI in Fashion Forecasting and Industry Impact	
Learning Outcomes	After learning the module, learners will be able to
	1. Understand use of AI and factors involved in fashion Forecasting.
	2. Gain knowledge of effect of Fashion Forecasting on People and Companies provide fashion Forecasting
	3. Apply knowledge of utilizing Trend Forecasting in the Fashion Industry
Content Outline	<p>Interpreting forecasts</p> <ul style="list-style-type: none"> 4. Use of AI in fashion Forecasting 5. Factors involved in fashion Forecasting 6. Effect of Fashion Forecasting on People 7. Companies provide fashion Forecasting 8. Fashion Cycle 9. Utilizing Trend Forecasting in the Fashion Industry 10. Strategies for fashion brands in utilizing trend forecasting
Module 4 (Credit 1) : Trend Research: Desk and Field Research Techniques	
Learning Outcomes	After learning the module, learners will be able to
	1. Researching the trend information network
	2. do Desk research and to analyze it.
	3. do Field research and to analyze it.

Content Outline	<p>Trend research</p> <ul style="list-style-type: none"> • How to conduct Trend research? • Desk Research • Building a Trend Information Network <ol style="list-style-type: none"> 1. Collaborative Websites That Scan New Trends Globally
	<ol style="list-style-type: none"> 2. Websites and Online Magazines 3. Trend Forecasting Agencies 4. Social Media 5. Other Online Tools <ul style="list-style-type: none"> <input type="checkbox"/> Analyzing Desk Research Results <ol style="list-style-type: none"> 1. Affinity Diagramming 2. Three Times Rule 3. Innovators, Early Adopters 4. Experts <input type="checkbox"/> Field Research <ol style="list-style-type: none"> 1. Observation: Sensing vs. Looking 2. Interviews 3. Surveys <input type="checkbox"/> Analyzing Field Research Results <ol style="list-style-type: none"> 1. Surveys, 2. Interviews and Observations <input type="checkbox"/> Competitive Research

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Write a report on recent fashion trend
2. Collect samples of sources of trend information and application of the same
3. Do a study on effect of social, economic, past and present situations on fashion forecasting
4. Conduct short trend research

References:

1. Lynch, A. & Mitchell D. Strauss. 2007. Changing Fashion: A Critical Introduction to Trend Analysis and Cultural Meaning. Oxford, New York: Berg, 189pp.
2. Rousso, Chelsea. 2018. Fashion Forward: A Guide to Fashion Forecasting (2nd edition). New York: Fairchild Books, 210pp.
3. Frings, Gini S. 2007. "Fashion: From Concept to Consumer" (9th Edition). Pearson Publisher. 496pg.
4. Packard S., Winters A., & Axelrod, N. 1983. "Fashion Buying & Merchandising. Fairchild Books publisher. 404 pg
5. Brown, T. 2009. *Change by design: How design thinking transforms organizations and inspires innovation*. Harper Business.

SEMESTER III

3.4 Major (Core)

Course Title	Garment Production Technology (314914) (Pr) (C)
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Get acquainted with the latest garment / clothing manufacturing technology related to the current practice in the clothing industry
	2. Gain knowledge about the latest modern equipment's and machines used in the garment industry
	3. Gain awareness of the importance of maintaining quality standards during production
	4. Develop awareness towards influence of garment retailing on the clothing production process.
Module 1 (Credit 1): Understanding of Export house and Garment manufacturing unit	
Learning Outcomes	After learning the module, learners will be able to
	1. Understand practical functioning of export House
	2. Know about various equipment's used and Functioning of garment manufacturing unit at ground level.
Content Outline	Field visit to an export house & presentation of the report
	Field visit to a garment manufacturing unit & presentation of the report
Module 2 (Credit 1): Exploration of Retail mall and Warehouse	
Learning Outcomes	After learning the module, learners will be able to
	1. Understand importance, functioning and various equipment's used in warehouse
	2. Know about retail mall, available products and brands, designs available and its functioning
Content Outline	Field visit to a warehouse & presentation of the report
	Field visit to a retail mall & presentation of the report

Assignment:

1. Write report on Customer related policies of retail organizations
2. Observation of customer preferences of garments with justification.

References:

1. Gerry Cooklin, (2006). Introduction to Clothing Manufacture, Blackwell Science
2. Harold Carr & Barbara Latham. (1994). The Technology of Clothing Manufacture, Blackwell Science.
3. Chuter. A.J..2011., Introduction to Clothing Production Management, Blackwell Science1. Rajesh Bheda "Managing Productivity in the Apparel Industry" CBS Publishers & Distributors (2006)
4. Helen Joseph Armstrong. (2009) "Pattern Making for Fashion Design", Dorling Kindersley India Pvt.Ltd.
5. Jacob Solinger.(1980) "Apparel Manufacturing Handbook", VanNostrand Reinhold Company.

SEM III**3.5 Major (Elective)**

Course Title	Garment Production Technology (324921) (Theory) (C)
Course Credits	4 (Th)
Course Outcomes	<p>After going through course, learners will be able to</p> <ol style="list-style-type: none"> 1. Get acquainted with the latest garment / clothing manufacturing technology. 2. Describe influence of garment retailing on the clothing production Process. 3. Classify latest equipment, machines, components and trims used in the garment industry. 4. Summarize importance of maintaining quality standards during production
Module 1 (Credit 1): Introduction to organizational structure of a garment industry	
Learning Outcomes	After learning the module, learners will be able to
	1. Revise background of garment/clothing industry.
	2. Build the organizational structure of a garment factory.
	3. Identify the functions and responsibilities of various departments within a garment factory.
	4. Determine and explain the fundamental principles of management.
Content Outline	<ul style="list-style-type: none"> • Introduction to the background and structure of the garment/clothing industry. • The Organizational Structure of a Garment Factory. <ul style="list-style-type: none"> ▪ Principles of management ▪ Various departments: - <ol style="list-style-type: none"> 1. Design Department 2. Marketing Department 3. Finance Department 4. Purchasing Department 5. Production Department 6. Operations Department
Module 2 (Credit 1): Understanding of manufacturing technology	
Learning Outcomes	After learning the module, learners will be able to
	1. Demonstrate the principles and applications of alternative methods of joining the materials
	2. Categorize various types of sewing machines, sewing threads, sewing problems etc.
	3. Examine testing for sew ability and tailor ability
Content Outline	<p>Manufacturing technology</p> <ul style="list-style-type: none"> • Placement & Cutting Room

	<ol style="list-style-type: none"> 1. Marker Planning 2. Efficiency, Methods and use of worker plan 3. Methods of spreading of fabric and requirements of the spreading process 4. Cutting the fabric – objectives and methods of cutting fabric <ul style="list-style-type: none"> • Fusing Technology • Sewing technology <ol style="list-style-type: none"> 1. Sewing – properties, types 2. Stitch – types 3. Sewing Machines – Feed mechanisms, machine Needles. 4. Sewing Threads – type of fibre, construction and finish, thread size, thread package, thread costs, thread properties and seam performance 5. Sewing problems – stitch formations, damage along the seam line puckering 6. Testing for sew ability and tailor ability 7. Sewing Machinery
Module 3 (Credit 1)	Use of Components and Pressing technology
Learning Outcomes	After learning the module, learners will be able to
	<ol style="list-style-type: none"> 1. Suggest components and trims to integrate them effectively into garment designs. 2. Analyze the impact of pressing techniques on different types of fabrics and garment constructions, 3. Estimate the impact of lost output on production efficiency, lead times, and overall profitability in garment manufacturing operations.
Content Outline	<ul style="list-style-type: none"> • Use of components and trims • Alternative method of joining materials <ol style="list-style-type: none"> 1. Fusing 2. Welding and adhesives 3. Moulding • Pressing technology • Production technology <ol style="list-style-type: none"> 1. Methods of improving productivity in Garment production 2. Balancing of production process 3. Production and Human Resource
Module 4 (Credit 1)	Quality Control in Apparel Industry
Learning Outcomes	After learning the module, learners will be able to
	<ul style="list-style-type: none"> • Differentiate types of warehouses used in the apparel industry. • Evaluate techniques for creating effective production charts and layouts in the apparel industry

	<ul style="list-style-type: none"> • Prescribe knowledge of quality control principles and techniques in apparel manufacturing.
Content Outline	<ul style="list-style-type: none"> • Warehousing. • Charting and layout. • Quality control in Apparel Industry: - <ol style="list-style-type: none"> 1. Principles of quality control. 2. Quality from design to dispatch. 3. Total quality control. • Ethics in Garment Production

Assignments and Activities towards Comprehensive Continuous Evaluation (CCE)

1. Presentations on the related topic
2. Industry Expert Interaction
3. Visits to garment factories where students can observe production processes.
4. Case studies on real garment production scenarios.

References: -

1. Gerry Cooklin, (2006). Introduction to Clothing Manufacture, Blackwell Science
2. Harold Carr & Barbara Latham. (1994). The Technology of Clothing Manufacture, Blackwell Science.
3. Chuter. A.J..2011., Introduction to Clothing Production Management, Blackwell Science1. Rajesh Bheda "Managing Productivity in the Apparel Industry" CBS Publishers & Distributors (2006)
4. Helen Joseph Armstrong. (2009) "Pattern Making for Fashion Design", Dorling Kindersley India Pvt.Ltd.
5. Jacob Solinger.(1980) "Apparel Manufacturing Handbook", VanNostrand Reinhold Company .
6. Herold Carr and Barbara latham. (1994) "The technology of clothing manufacture", Om book servic.

SEMESTER III

3.6 Research Project

Course Title	Dissertation I (354931) (Pr) (U)
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Recognize and undertake research problem.
	2. Apply critical thinking to the problem selected for research.
	3. Able to design her research work and review existing literature
Module 1 (Credit 1)	Formulation of problem
Module 2 (Credit 1)	Review of Literature
Module 3 (Credit 1)	Designing Research proposal / Model validation
Module 4 (Credit 1)	Planning tools & techniques for data collection

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE):

3. Designing a research proposal
4. Presenting review of literature
5. Constructing hypothesis, tools and techniques for data collection

SEMESTER IV

4.1 Major (Core)

Course Title	Fashion Styling (414921) (Pr) (U)
Course Credits	2 (Th) 2 (Pr)
Course Outcomes	<p>After going through course, learners will be able to</p> <ol style="list-style-type: none"> 1. Evaluate of fashion and fashion trends. 2. Revise the principles of fashion design. 3. Analyze current fashion trends and forecast future trends. 4. Create awareness about the importance of branding in fashion 5. Differentiate strategies for effective advertising and public relations.
Module 1 (Credit 1) (Th) Fashion Styling: History, Trends, and Theories	
Learning Outcomes	After learning the module, learners will be able to
	1. Analyze the history and evolution of fashion styling.
	2. Modify skills in trend research and interpretation.
	3. Develop skills in color theory, fabric selection, and garment pairing.
Content Outline	<p>Introduction to Fashion Styling</p> <ul style="list-style-type: none"> • Overview of fashion styling: Definition, history, and evolution. • Different roles of a fashion stylist in various sectors: editorial, celebrity, personal shopping, visual merchandising. • Understanding fashion cycles, trends, and the impact of cultural and social influences on fashion. <p>Fashion Trends and Forecasting</p> <ul style="list-style-type: none"> • Methods of trend forecasting • Importance of seasonal trends • Incorporate trends into styling <p>Fashion Theories and Concepts</p> <ul style="list-style-type: none"> • Study of color theory, fabric types, and their uses in styling. • Body shapes and how to style for different body types. • Analysis of major fashion movements and their stylists.

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Module 2 (Credit 1) (Th) : Wardrobe Styling and Fashion Industry Analysis	
Learning Outcomes	After learning the module, learners will be able to
	1. Asses structure, trends, and dynamics of the fashion industry.
	2. Select various communication channels used in the fashion industry.
	3. Develop a comprehensive understanding of the principles of wardrobe styling
Content Outline	<p>Wardrobe Styling</p> <ul style="list-style-type: none"> • Principles of wardrobe organization • Conducting wardrobe audits • Essentials of a functional wardrobe • Creating versatile looks from limited pieces <p>Fashion Industry and Market Analysis</p> <ul style="list-style-type: none"> • Understanding the structure of the fashion industry. • Key fashion markets and their characteristics. • Brand positioning and image development.
Module 3 (Credit 1) (Pr) : Styling Practice and Fashion Photography	
Learning outcomes	After learning the module, learners will be able to
	1. Gain hands-on experience in styling individuals with various body types.
	2. Assemble and maintain a professional styling kit
	3. assess a comprehensive understanding of camera settings.
Content Outline	<p>Styling Practice</p> <ul style="list-style-type: none"> • Practical exercises in styling various body types and creating looks for different occasions. • Different types of fashion styling (editorial, celebrity, personal, commercial) • Developing a styling kit: essential tools for a fashion stylist. <p>Fashion Photography and Visuals</p> <ul style="list-style-type: none"> • Basics of fashion photography: working with photographers, understanding lighting and angles. • Creating mood boards and visual storytelling for styling projects.

Module 4 (Credit 1) (Pr) : Style Boards, Mood Boards and Industry Networking	
Learning outcomes	After learning the module, learners will be able to
	1. Construct style boards and mood boards that effectively communicate their creative vision.
	2. Develop the ability to source clothing, accessories, and other wardrobe essentials.
	3. Determine strategies for networking and building relationships within the fashion industry
Course outline	Practical Skills for Fashion Stylists <ul style="list-style-type: none"> • Creating style boards and mood boards • Sourcing clothing and accessories • Organizing and managing inventory • Networking and building industry relationships

Assignments and Activities towards Comprehensive Continuous Evaluation (CCE)

- Fashion Trend Blog writing.
- Market research to understand consumer trends, preferences, and buying behavior.
- Practically work as a Fashion Stylists for a person and submit report
- Study style of five famous personalities and write your observation

References: -

1. Alfano, Yoham, (2009) The Secrets of Style: Your Complete Guide to Dressing Your best Every Day, Instyle.
2. Funder, D.C. (2001), The Personality Puzzle (2nd ed), New York: W.W. Norton.
3. Mulari, Mary, (2001) Accessories with Style, Lola, West Indies: Krause Publications.
4. Piras, Roetzel, Ladies, (2002) A Guide to Fashion and Style, Dumont Monte Verlag, Cologne,
5. Phares, J.E. (1991), Introduction to Personality (3rd ed), New York: Harper Collins
6. Sandhu.A., (2015) Indian Fashion: Tradition, Innovation, Style, London, Bloomsbury Books.
7. Spenser, Carol, (1999) Style Direction for Men, Piatkus.

SEMESTER IV

4.2 Major Core

Course Title	Project Work (414922) (Pr) (U)
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. build confidence level of the student by enhancing their communication skills
	2. develop employability skills so as to enhance career opportunities
	3. estimate timely and productive decisions so as to enable their career advancement
	4. train students on how to project a professional image at the workplace
Module 1 (Credit 1) : Theme Selection	
Learning Outcomes	After learning the module, learners will be able to
	<ul style="list-style-type: none">• develop their master professional soft skills such as communication, punctuality and time management.• improve their industry skills while also learning how to work.• Start to build a professional network that can be a resource for the student.
Content Outline	Selection of topics / theme
Module 2 (Credit 1) : Product Framework	
Learning Outcomes	After learning the module, learners will be able to
	<ul style="list-style-type: none">• Justify the topic• Planning the event• Suggest the scholarly framework• Devising the learning stimulus
Content Outline	Planning for development of theme

Module 3 (Credit 1) : Development Process	
Learning Outcomes	After learning the module, learners will be able to <ul style="list-style-type: none"> • Work on completion of work. • Produce the development of products.
Content Outline	Execution of theme
Module 4 (Credit 1) : Planning of Product Promotion	
Learning Outcomes	After learning the module, learners will be able to <input type="checkbox"/> Develop awareness towards working of promotion campaigns <input type="checkbox"/> Design the promotional schemes.
Content Outline	1 Promotion of theme 2 Building of professional network (Promotional kit)

Assignments and Activities towards Comprehensive Continuous Evaluation (CCE)

1. Collection of secondary data for related field for theme selection.
2. Prepare a plan for selected theme.
3. Presentation of selected theme with a suitable display.
4. Develop promotional schemes for selected theme.

References

1. Parul Bhatnagar (2004), Traditional Indian Costumes and Textiles, Abishek Publications, Chandigarh
2. Russel Gillow (1991), Traditional Indian Textiles, Nicholas Barnard, Thames and Hudson Ltd., London Traditional Indian Textiles, (1991)
3. Dhanija Jain (1989), Hand woven Fabrics of India, Mapin publishing, Ahmedabad.
4. Shailaja D. Naik (1996) Traditional Embroideries of India, Dr, APH Publishing Corporation, New Delhi
5. Ritu Kumar (1999), Costumes and Textiles of Royal India, Christie's Books, London
6. https://sist.sathyabama.ac.in/sist_coursematerial/uploads/SFDA1301.pdf

SEMESTER IV

4.3 Major Core

Course Title	Recent Advances in Textile Science and Apparel Design (Theory) (424851)
Course Credits	4
Course Outcomes	<p>After going through the course, learners will be able to</p> <ul style="list-style-type: none"> Discover latest developments and research in the identified field. evaluate and present important developments on recent topics/research in field of FD&T develop an insight through group discussion learn and share knowledge about how the new development / technology / fields will benefit the existing set of knowledge Suggest their knowledge in a creative and effective way.
Module 1 (Credit 1): Understanding of latest development in Fashion Design	
Learning Outcomes	After learning the module, learners will be able to
	<ul style="list-style-type: none"> Analyze and Select the topic through secondary data. Create the report on collected data.
Content Outline	<ul style="list-style-type: none"> Selection of topic related to Fashion Design Collection of information from secondary data Report writing
Module 2 (Credit 1): Execution of collected data related to Fashion Design	
Learning Outcomes	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> Develop Prepare power point presentation; Propose the topic effectively.
Content Outline	<ul style="list-style-type: none"> Preparation of power point presentation Display of articles Final presentation.
Module 3 (Credit 1): Understanding of latest development in Textile Science	
Learning Outcomes	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> Analyze and Select the topic through secondary data. Create the report on collected data.
Content Outline	<ul style="list-style-type: none"> Selection of topic related to Textile Science Collection of information from secondary data Report writing
Module 4 (Credit 1): Execution of collected data related to Textile Science	
	After learning the module, learners will be able to

Learning Outcomes	<ul style="list-style-type: none"> • Develop Prepare power point presentation; • Propose the topic effectively.
Content Outline	<ul style="list-style-type: none"> • Preparation of power point presentation • Display of articles • Final presentation.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE) :-

1. Collection of secondary data for related field
2. Prepare an article on collected information.
3. Presentation of article with a suitable display.
4. Survey report on related areas.

SEMESTER IV

4.4 Major (Elective)

Course Title	Fashion Communication (424911) (Th) (U)
Course Credits	4
Course Outcomes	After going through course, learners will be able to
	1. build a scientific approach and know the processes of Fashion Communication
	2. Develop the competence for selecting methods and tools appropriate for Reporting Techniques & Skill.
	3. plan the overall process of Fashion Journalism.
Module 1 (Credit 1) : Introduction to Fashion Communication and its Role	
Learning Outcomes	After learning the module, learners will be able to
	<input type="checkbox"/> understand Fashion Communication <input type="checkbox"/> justify role of communication in Fashion
Content Outline	<ul style="list-style-type: none">• Introduction to Fashion Communication• Overview of fashion communication• History & evolution of fashion communication• Role of communication in Fashion
Module 2 (Credit 1) : Basics of Fashion Journalism and Critique	
Learning Outcomes	After learning the module, learners will be able to
	<ul style="list-style-type: none">• Analyze systematic understanding of contemporary fashion journalism.• Critique on fashion.

Content Outline	<ul style="list-style-type: none"> o Introduction of Fashion Journalism o Basics of fashion Journalism o Fashion News and writing skills <hr/> <ul style="list-style-type: none"> • Fashion critique & reviewing • Producing a Publication • Reporting Techniques & Skills • Media Management and Ethics • Editing and Principles of Layout design
Module 3 (Credit 1): Communicating Sustainability in Fashion Media	
Learning Outcomes	<p>After learning the module, learners will be able to</p> <hr/> <p><input type="checkbox"/> Develop imaginative, creative skills <input type="checkbox"/> Create innovative thinking.</p>
Content Outline	<ul style="list-style-type: none"> • Communicating sustainability in fashion communication • Promoting sustainable practices through fashion media. • Fashion writing & journalism • Magazine branding & creating covers • Content creation & social media
Module 4 (Credit 1): Visual Communication and Digital Design Skills	
Learning Outcomes	<p>After learning the module, learners will be able to</p> <hr/> <p>1. discover about the visual language of fashion media 2. Design digitally ideas.</p>
Content Outline	<ul style="list-style-type: none"> • Visual communication • Visual communication digital design skills • Interview techniques & profile writing • Digital media & blogging • Fashion media now & next

Assignments and Activities towards Comprehensive Continuous Evaluation (CCE)

- Prepare a documentary on history & evolution of fashion communication
- Create an article on any fashion trend.
- Create a blog on sustainability in fashion.
- Design a cover for a fashion magazine.

References:

- Barnard, M. (2003). Fashion as Communication (2nd ed.). Routledge.
<https://doi.org/10.4324/9781315013084>
- Nadzeya Kalbaska , Teresa Sádaba , Lorenzo Canton (2019) . Fashion communication: Between tradition and digital transformation Studies in Communication Sciences 18.2 (2018), pp. 269–285
- Mcquail, Denis. 2013. Journalism and Society. New Delhi: Sage Publications.
- Bro, Peter. 2018. Models of Journalism: The Functions and Influencing Factors. London: Routledge.
- Burns, Lynette Sheridan. 2002. Understanding Journalism. New Delhi: Sage Publications

SEMESTER IV**4.5 RP**

Course Title	Dissertation II (454931) (Pr) (U)
Course Credits	6
Course Outcomes	After going through the course, learners will be able to
	1. Recognize and undertake research process.
	2. Apply critical thinking to the problem selected for research.
	3. Able to defend her work during viva voce.
Following Steps to be completed during the semester:	
<input type="checkbox"/> Data collection / finalization/ analysis	
<input type="checkbox"/> Finalization of chapters of Introduction & Methodology	
<input type="checkbox"/> Finalization of Results and Discussion	
<input type="checkbox"/> Finalization of Summary and Conclusion	
<input type="checkbox"/> Approval of final draft of the dissertation	
<input type="checkbox"/> Submission of dissertation	
Viva voce	

