

KURUKSHETRA UNIVERSITY
KURUKSHETRA



Modified Scheme of Examinations and Syllabus

5th & 6th Semester

for

Under-Graduate Programme

**Bachelor of Fashion and Textile Design
Interdisciplinary Scheme–D**

**Under Multiple Entry-Exit,
Internship and CBCS-LOCF in
Accordance to NEP-2020**

w.e.f 2025-26

Department of Home Science

SEMESTER-5

Course	Paper(s)	Nomenclature of Paper	Credit	Hours/Week	Internal marks	External Mark	Total Marks	Exam Duration
CC-A54- Credits	B23-FTD- 501	Textile Processing Printing And Dyeing	3	3	20	50	70	3 Hours
		Textile Processing Printing And Dyeing Lab	1	2	10	20	30	4 Hours
CC-B5 4- Credits	B23-FTD- 502	Surface Ornamentation	3	3	20	50	70	3 Hours
		Surface Ornamentation Lab	1	2	10	20	30	4 Hours
CC-C5 4- Credits	B23-FTD- 503	History of Indian Clothing	3	3	20	50	70	3 Hours
		History of Indian Clothing Lab	1	2	10	20	30	4 Hours
CC-M54 Credit (2+2)		From available VOC-4 pool list of 4 credits as per NEP						
Skill enhancement course		INTERNSHIP #4 credits						

#4 credits of internship, earned by a student during summer internship after 2nd semester or 4th semester, will be taken into account in 5th semester of the students who pursue three year UG Programme without taking exit option

SEMESTER-6

[illegible]

Session :2025-26			
Subject	Bachelor of Fashion & Textile Design		
semester	V		
Name of the Course	Textile Processing, Printing and Dyeing		
Course Code	B23-FTD-501		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC)	CC-A5		
Level of the Course	300-399		
Pre-requisite for the course (if any)	Senior Secondary (10+2)		
Course Learning Outcomes(CLO):	After completing this course, the learner will be able to: 1. Students will be able to explain the basic concepts of textile processing, preparatory processes, and routine finishes applied to fabrics. 2. Students will be able to classify dyes and pigments, describe their properties, and analyze different dyeing methods and stages. 3. Students will be able to identify various printing methods, evaluate printing and dyeing defects, and suggest remedies. 4. Students will be able to apply dyes on textiles, assess fastness properties, and evaluate eco-friendly practices in dyeing. 5* Students will be able to demonstrate practical skills in block, batik, and screen printing, and develop creative textile samples.		
Credits	Theory	Practical	total
	3	1	4
Contact Hours	3	2	5
Max. Marks: 100		Time: 3 hrs.(T) 4 hrs (P)	
Internal Assessment Marks: 20(T) +10(P) =30			
End Term Exam Marks:50(T) +20(P) =70			

Part B-Contents of the Course		
Instructions for Paper- Setter: The examiner will set nine questions in all, selecting two questions from each unit and one compulsory.		
Instructions for the Candidate: The candidates will attempt five questions in all, selecting one question from each unit and the compulsory question as well.		
UNITS	TOPICS	CONTACT HOURS
1	• Introduction of Textile Processing • Fabric Finishing: - • Preparatory Processes (Singeing, Desiring, Scouring, Bleaching, Heat-setting) • Routine Finishes (Beetling, Calendaring, Anti-shrink, Permanent Setting) • Special Purposes Finish (Flame Retardant, Water-repellent, Durable-press, Moth-proofing, Soil-repellent, Anti-static).	11
2	• Layout in Design • Colorant- Dyes and Pigments, Classification of Dyes and Pigments • Define Dyeing, Stages of Dyeing, Methods of Dyeing, Classification of Dyeing.	10
3	• Define Printing, Methods of Printing, and Types of Printing. • Identifying Printing and Dyeing Defects • Colour Fastness to Washing, Lighting, Rubbing and Perspiration	12
4	• Application of Dyes on various Fibers/Fabrics and their fastness properties (Washing, Light, Perspiration and Rubbing) • Dimensional Stability of Fabric. • Recent Developments in Dyeing and Printing- Toxicity of Dyes, Banned Dyes, Eco-friendly Dyes	12
5*	1. Developing design for block, stencil, screen printing & hand printing → overall design → border design → spot design (T-shirt work) 2. Making a sample with stencil, screen, hand on fabric 3. Making a sample of tie & dye by different technique. 4. Make any 2 articles of block, hand, screen, stencil & tie & dye.	30

Suggested Evaluation methods	
Internal Assessment: ➤ Theory • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 ➤ Practical • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA	End Term Examination: 50 20
Part C-Learning Resources	
Recommended Books/e-resources/LMS: 1. Sara J. Kadolph and Anna L. Langford. Textiles. Eight Edition. (1993), Cataloging Publications. 2. Bernard P. Corbman. Textiles Fibre to Fabric. McGraw. Hill International Editions, (1993), Cataloging Publications. 3. William S. Murphy. Fabric Science. 2003 (Abhishek Publications) 4. Vilencky. Textile Science. CBS Publishers, New Delhi. 5. Mishra S.P. A Text Book of Fibre Science and Technology. New Delhi. 6. Pizzoto's J.J. Fabric Science. Four Child Publication, New York.	

PART A – INTRODUCTION			
Session:2025-26			
Subject	Bachelor of Fashion & Textile Design		
semester	V		
Name of the Course	Surface Ornamentation		
Course Code	B23-FTD-502		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC)	CC-B5		
Level of the Course	300-399		
Pre-requisite for the course (if any)	Senior Secondary (10+2)		
Course Learning Outcomes (CLO):	After completing this course, the learner will be able to: 1. Students will be able to explain the definition, types, and applications of trimmings and decorations, and analyze their role in figure irregularities and wardrobe planning. - Students will be able to describe basic embroidery concepts, differentiate between hand and machine embroidery, and identify tools, needles, threads, and machine attachments used. 3 Students will be able to define and apply different surface ornamentation methods such as appliqué, smocking, laces, bead work, sequins work, and mirror work using appropriate tools and materials. 4. Students will be able to identify and create decorative elements such as bows, tassels, handbags, cut work, ribbon work, and needle techniques. 5. * Students will be able to explain quilting and patchwork techniques, use tools effectively, and develop creative fabric samples and articles.		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks: 100		Time: 3 hrs.(T)	
Internal Assessment Marks: 20(T) +10(P) =30 End Term Exam		4 hrs (P)	
Marks:50(T) +20(P) =70			

Part B-Contents of the Course

Instructions for Paper- Setter: The examiner will set nine questions in all, selecting two questions from each unit and one compulsory.

Instructions for the Candidate: The candidates will attempt five questions in all, selecting one question from each unit and the compulsory question as well.

UNITS	TOPICS	CONTACT HOURS
1	• Trimmings & Decorations – Definition and types. • Figure irregularities, • wardrobe planning	11
2	• Introduction to surface ornamentation and embroidery; general rules for hand and machine embroidery • special attachments to sewing machines for embroidery – tools and equipment's – needles – threads	11
3	• Define following surface ornamentation techniques with their types, tools and materials requirements : • Appliqué	12
	• Smocking , • Laces, • Bead Work, • Sequins Work, • Mirror Work,	
4	• Define- Belts , Bows, , Tassels, Handbags and its types • Define – Cut work, needle, ribbon work	11
5*	• Quilting -Patch work- Introduction, tool • Technique and type of embroidery, cut work , couching , glass work , bows • Special technique – smoking ribbon work beads and sequence work • Make sample of hand embroidery stitches (at least 10) • Developing one article based on technique of surface Ornamentation	30

Suggested Evaluation methods	
Internal Assessment: ➤ Theory • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 ➤ Practical • Class Participation: 00	End Term Examination: 50 20
• Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA	
Part C-Learning Resources Recommended Books/e-resources/LMS: • Rajit Mookerjee -5000 Designs and Motifs from India, 1996. • Bina Abbing- Fashion Sketch Book, Fair child publications, New York. • G.J. Sumathi- Elements of Fashion & Apparel Design, New Age International, 2002. • Judith Rasband- Wardrobe Strategies for Women, Delmar Publishers, London. • Jeannette A Jarnow, Morianr Guerreiro & Beatrice Judelle- Inside the Fashion Business 4th edition, Mac Millan Company, New York. • M Nichols- Encyclopedia of Embroidery Stitches Including Crewel by Dover Publications – 1974. • Susheela Dantyagi- Fundamentals of Textiles and their Care,5th edition, Published by Orient Longman Ltd., New Delhi, • Therese De Dillmont – 3rd Edition-Computerized Encyclopedia of Needle Work. Val Holmes -Decorative Painting Techniques Book, 2003. □ Traditional Indian Motifs for Weaving and Printing.	

PART A – INTRODUCTION			
Session-2025-26			
Subject	Bachelor of Fashion & Textile Design		
semester	V		
Name of the Course	History of Indian Clothing		
Course Code	B23-FTD-503		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC)	CC-C5		
Level of the Course	300-399		
Pre-requisite for the course (If any)	Senior Secondary (10+2)		
Course Learning Outcomes(CLO):	After completing this course, the learner will be able to: 1. Students will be able to explain the origin of clothing, trace the evolution of dress, and analyze the social and functional significance of clothing. Students will be able to identify and describe the traditional costumes of different regions of India (North, South, East, West) and recognize their cultural importance. 3. Students will be able to discuss the clothing styles of different historical periods such as Muslim, Gupta, Vedic, and Western periods. 4. Students will be able to examine costumes from the Kushan period, Indus Valley civilization, and Satavahana period, highlighting their unique features. 5*. Students will be able to create 12-head figures with proper sketching of costumes from historical periods (Muslim, Western, Gupta) and regional costumes (North, South, East, West India).		
Credits	Theory	Practical	Total
	3	1	4
Contact hours	3	2	5
Max. Marks: 100		Time: 3 hrs.(T)	
Internal Assessment Marks: 20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		4 hrs (P)	

Part B-Contents of the Course

Instructions for Paper- Setter: The examiner will set nine questions in all, selecting two questions from each unit and one compulsory.

Instructions for the Candidate: The candidates will attempt five questions in all, selecting one question from each unit and the compulsory question as well.

UNITS	TOPICS	CONTACT HOURS
1	• Origin of clothing • Evolution of dress • Function of clothing	11
2	• Traditional costume of different regions of India – North , South, East, West	11
3	Ancient Indian clothing • Muslim Period • Gupta Period • Vedic Period • Western Period	12
4	• Kushan Period • Indus Valley Civilization • Satavahanas Period	11
5*	• Make 12-head Figure with proper sketching of ○ Muslim period ○ Western period ○ Gupta period • Make 12-head Figure with proper sketching of ○ North region ○ Southern region	30
	○ Eastern region ○ Western region	

Suggested Evaluation methods	
Internal Assessment:	End Term Examination:
➤ Theory	
• Class Participation: 05	50
• Seminar/presentation/assignment/quiz/class test etc.:05	
• Mid-Term Exam: 10	
 ➤ Practicum	
• Class Participation: 00	
• Seminar/Demonstration/Viva-voce/Lab records etc.:10	
• Mid-Term Exam: NA	20
Part C-Learning Resources	
Text books	
1. Flynn, D. 1971. Costumes of India, New Delhi, Oxford and IBH Publishing 2. Roshen Alkazi. Ancient Indian Costume 3. P . Rambanch and V Golich. The Golden Age of Indian Art 4. J. Brij Bhusha, The Costumes and Textiles of India	

PART A – INTRODUCTION	
Session:2025-26	
Subject	Bachelor of Fashion & Textile Design
semester	VI
Name of the Course	Textile testing and quality construction
Course Code	B23-FTD-601
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/VAC)	CC-A6
Level of the Course	300-399
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLO):	After completing this course, the learner will be able to: 1. Students will be able to explain the objectives of fibre testing, perform mechanical tests (tensile strength, elongation, elasticity, length, fineness, maturity), and evaluate fibre properties including thermal behavior and air permeability. 2. Students will be able to conduct yarn tests to measure count, breaking strength, twist, crimp, and evaluate resistance and performance characteristics. 3. Students will be able to analyze fabrics for thread count, weight, thickness, stiffness, crease recovery, dimensional stability, and evaluate their end-use performance. 4. Students will be able to assess apparel fabrics for properties such as abrasion resistance, tearing strength, bursting strength, drape, and resilience. 5. *Students will be able to practically perform fibre, yarn, and fabric tests, record observations, interpret results, and prepare professional test reports.

Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks: 100		Time: 3 hrs.(T)	
Internal Assessment Marks: 20(T) +10(P) =30		4 hrs (P)	
End Term Exam Marks:50(T) +20(P) =70			

Part B-Contents of the Course		
Instructions for Paper- Setter: The examiner will set nine questions in all, selecting two questions from each unit and one compulsory. Instructions for the Candidate: The candidates will attempt five questions in all, selecting one question from each unit and the compulsory question as well.		
UNITS	TOPICS	CONTACT HOURS
1	- Fiber Testing – Definition and Objectives - Method of Testing, Staple Tensile strength, fineness, Evenness , staple length, mean length, tearing, bursting - Thermal properties of textile fibres - Porosity & Air & water permeability of fabric	10
2	Yarn Test - Count - Breaking Strength - Twist - Crimp - Pilling - Resistance	12

3	Fabric Analysis • Thread count • Weight • Thickness • Abrasion • Stiffness • Crease recovery • Dimensional changes in laundering	12
4	Color Fastness • Laundering • Crocking • Pressing (Dry & Wet) • Perspiration – Acid and Alkaline	12
5*	Yarn Test – a) Count b) Twist c) Crimp 2) Fabric Analysis – a) Thread Count b) Weight c) Thickness d) Abrasion 3) Color Fastness to – a) Laundering b) Crocking c) Pressing Dry & Wet d) Perspiration – Acid & Alkaline	30
Suggested Evaluation methods		
Internal Assessment: ➤ Theory		End Term Examination: 50

• Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 ➤ Practicum • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA	20
Part C-Learning Resources	
REFERENCES: 1. Booth, J.E.: Principles of Textile Testing – Newness Butter Worth, London. 2. Billie, J. Collier and Heler H. Epps – Textile Testing and Analysis – Prentice Hall, New Jersey. 3. John, H. Skinkle – Textile Testing – Brooklyn, New York. 4. Grover and Hareby – Hand book of Textile Testing and Quality Control, Wiles. 5. ISI Specifications, BIS specifications. 6. ASTM Standards.	

PART A – INTRODUCTION	
Session:2025-26	
Subject	Bachelor of Fashion & Textile Design
semester	VI
Name of the Course	Advanced Apparel Construction
Course Code	B23-FTD-602
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/VAC)	CC-B6
Level of the Course	300-399
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLO):	After completing this course, the learner will be able to: 1. Students will be able to identify factors affecting good fit, analyze common fitting problems in upper and lower garments, suggest remedies, and design clothing solutions for people with special needs. 2. Students will be able to describe the history of the apparel industry, explain the mass production process, and evaluate costing methods in garment manufacturing. 3. Students will be able to assess the quality of apparel through testing and inspection, and apply standards in cutting, sewing, finishing, and packaging. 4. Students will be able to prepare fabrics for garment construction by identifying fabric grain, performing pre-treatment processes (straightening, shrinking, pressing), and applying pinning, marking, and cutting techniques. 5. * Students will be able to construct garment components such as pockets and plackets, and demonstrate drafting and construction skills for designer garments.

Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks: 100		Time: 3 hrs.(T) 4 hrs (P)	
Internal Assessment Marks: 20(T) +10(P) =30			
End Term Exam Marks:50(T) +20(P) =70			
Part B-Contents of the Course			
<u>Instructions for Paper- Setter: The examiner will set nine questions in all, selecting two questions from each unit and one compulsory.</u>			
<u>Instructions for the Candidate: The candidates will attempt five questions in all selecting one question from each unit and the compulsory question as well.</u>			
UNITS	TOPICS		CONTACT HOURS
1	Fitting – Factors affecting good fit a) Common problems and remedies for fitting defects (Upper & Lower garments) 2) Clothing for people with Special Needs – old age, Physically Challenged		12
2	History of Apparel Industry 2) Mass Production Process 3) Costing		11
3	Evaluating the quality of apparel a) Testing & Inspection 2) Quality specifications & standards in cutting, sewing, supplies, finishing & packaging		11

4	Preparation of fabric a) Fabric grain b) Preparation of fabric before cutting – straightening, shrinking, pressing c) Pinning, marking, cutting	11
5*	Make a sample of pockets - Slashed pockets – welt, bound, flaps - Inseam pockets – closed & open 2) Plackets - Fly front placket - Zipper inseam placket Designing, drafting & construction of designer gown, designer suit	30
Suggested Evaluation methods		
Internal Assessment: ➤ Theory • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 ➤ Practicum • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA		End Term Examination: 50 20

Part C-Learning Resources

REFERENCES:

- | |
|---|
| <ol style="list-style-type: none">1. Stamper, Sharp & Donnell: Evaluating Apparel, Quality – Fairchild Publications, New York.2. Natalie Bray – Dress Fitting, Published by Blackwell Science Ltd.3. Margolis – Design Your Own Dress Pattern, Published by Double Day and Co. Inc., New York.4. Strickland, Gertrude – A Tailoring Manual, New York, Macmillan Company.5. Pepin Harriet – Modern Pattern Design, New York. |
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PART A- INTRODUCTION	
Sesssion: 2025-26	
Subject	Bachelor of Fashion & Textile Designing
Semester	VI
Name of the Course	Social and Psychological Aspects of Clothing
Course Code	B23-FTD-603
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/VAC)	CC-C6
Level of the Course	300-399
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes (CLO):	After completing this course, the learner will be able to: 1. Students will be able to explain the functions and psychological importance of clothing, analyze the relationship between clothing and personality, and evaluate factors influencing clothing choices such as tradition, modernity, modesty, and fashion. 2 Students will be able to discuss the influence of culture, religion, and social status on clothing behaviour , and evaluate how clothing reflects customs, traditions, and social identity. 3.Students will be able to examine the relationship between clothing and family income, social class, and economic status, and analyze how socioeconomic factors affect clothing consumption. 4. Students will be able to interpret clothing as a means of self-expression, analyze clothing in relation to self-concept and self-image, and evaluate

	clothing choices as reflections of individuality. 5. * Students will be able to assess the impact of modern trends on clothing practices, evaluate technological influences on clothing (fibres, finishes, fashion forecasting), and discuss issues of sustainability in modern clothing.		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks: 100 Internal Assessment Marks: 20(T) +10(P) =30 End Term Exam Marks:50(T) +20(P) =70		Time: 3 hrs.(T) 4 hrs (P)	

Part B-Contents of the Course
Instructions for Paper- Setter: The examiner will set nine questions in all, selecting two questions from each unit and one compulsory.
Instructions for the Candidate: The candidates will attempt five questions in all, selecting one question from each unit and the compulsory question as well.

UNIT	TOPIC	CONTACT HOURS
1	• Clothing and first impression. • Introduction of clothing and Psychological(meaning and importance of clothing, Relationship between clothing and personality. How clothing affects behaviour and attitude. Reasons why people wear clothes (Protection, Modesty, Decoration, status , identity). • Modern philosophy of clothes.	11
2	• Social aspects of clothing [influence of culture and tradition on clothing][clothing and social status/class][groups behaviour and dress(school uniform, uniform at jobs)] • Clothing and communication. • Clothing and physical health, clothing and mental health.	12
3	• Clothing and social changes. [impact of fashion trend on change. Role of media and celebrities in clothing pattern] • Clothing and subcultures (punk, goth, hip-hop, etc.) • Clothing and profession (corporate vs. creative industry)	11
4	• Clothing and self confidence – How clothes affects the way we feel about ourself. • Clothing and occupation. • Cloth and colour , Psychological impact of colours.	11

5*	• Mood board based on colour psychology ➤ collect fabrics swatches magazine cutouts , or coloured papers. • Culture clothing collage ➤ Make a collage showing traditional clothing from different Indian states or countries. • “ Then and now” – Fashion evaluation scrapbook. ➤ Collect pictures from 90s/ early 2000s and today’s fashion. ➤ Paste in scrapbook with a small write up on social / psychological changes in fashion.	30
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Suggested Evaluation methods	
Internal Assessment: ➤ Theory • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 ➤ Practicum • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA	End Term Examination: 50 20
Part C-Learning Resources	
REFERENCES: 1. Avis, M. Dry (1961): The Psychology of Jung, Methuen & Co., London. 2. Horn, Marilyu J. (1968): The Second Skin, Houghton Mifflin Co., USA. 3. Flugel, J.C. (1950): The Psychoanalytical Study of the Family, The Hogarth Press & The Institute of Psycho Analysis, London. 4. Richard Wollhein (1985): Freud, Fontana Press, London. 5. Vincent Brome (1978): Jung, Granada Publishing, London, Toronto, Sydney, New York.	