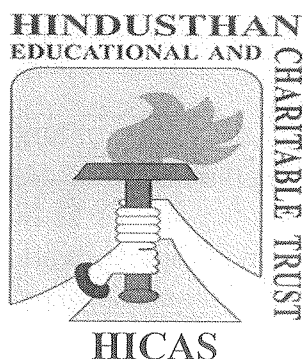


**LEARNING OUTCOMES–BASED CURRICULUM
FRAMEWORK (LOCF)**

in the

**POSTGRADUATE PROGRAMME
MASTER OF SCIENCE IN
COSTUME DESIGN & FASHION**

**FOR THE STUDENTS ADMITTED FROM THE
ACADEMIC YEAR 2022 - 2023 AND ONWARDS**



HINDUSTHAN COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Bharathiar University and Accredited by NAAC)

COIMBATORE-641028

TAMILNADU, INDIA.

Phone: 0422-4440555

Website: www.hindusthan.net/hicas/

PREAMBLE

Learning Outcome Based Curriculum Framework for Postgraduate education in Master of Science in Costume Design and Fashion.

The multi disciplinary programme targets to prepare and equip the students with the knowledge and special skills to understand the textile and fashion industry. It also aims at producing successful entrepreneurs and designers for the national and international market in the fashion industry.

VISION

To groom and produce designers with excellent skills to face the challenges of the fashion and textile industry.

MISSION

To develop the creative skills and disseminate the knowledge of the state of art in the fashion and textile industry.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO 1: To impart knowledge on the basics of textiles

PEO 2: To impart knowledge on the basics of designing garments.

PEO 3: To impart knowledge on the fashion industry

PEO 4: To educate and develop skills on Apparel Designing.

PEO 5: To train students as Professionals for the Textile & Fashion Industry.

PROGRAMME OUTCOME (PO)

PO1: Enables the students to gain Knowledge on basics of Textiles and Apparel Designing and Production and creation of Apparels.

PO2: Enable the student to Design, Draft and construct children, women and men's garments and develop Fashion portfolios.

PO3: Enable the student to Design Apparels for various needs of the Textile & Fashion Industry

PO4: Student will Develops the skill of Illustrating and Designing Apparel, Accessories and other Textile.

PO5: Enables students to become Entrepreneurs in the Textile & Fashion Industry

PO6: Enables students to Produce and market Apparels for local market

PO7: Enables students to Produce and market Apparels for International market.

PROGRAMME SPECIFIC OUTCOME (PSO)

PSO1: Understands the principles of selecting fibres, Yarns, Fabrication and their Finishing techniques.

PSO2: Prepares for the diverse skills needed in the machine operations of fibers, yarns, fabric and garment manufacturing for sustainability with environmental morals.

PSO3: Develops the skill in Designing costumes for cinema, advertising and drama industry.

PSO4: Creates different types of Fashion Designers.

PSO5: Enables students to become Entrepreneur, brand ambassadors in textiles accessories and fashion industry

**HINDUSTHAN COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),
COIMBATORE-641028**

**SCHEME OF EXAMINATIONS - CBCS & LOCF PATTERN
(For the Students admitted from the Academic year 2022-2023 and Onwards)**

PG PROGRAMME

Programme: M.Sc.

Branch: Costume Design and Fashion

Course Code	Course Type	Course Title	Credit points	Lecture Hours/ Week		Exam Duration (hours)	MAX. MARKS		
				Theory	Practical		I.E.	E.E	Total
Semester - I									
22CDP01	DSC	Core I – Research Methodology	5	5	-	3	50	50	100
22CDP02	DSC	Core II – Standards and Specifications for Clothing	5	5	-	3	50	50	100
22CDP03	DSC	Core III Practical I – Advanced Illustration	3	-	5	4	50	50	100
22CDP04	DSC	Core IV Practical II – Garment Draping	3	-	5	4	50	50	100
22CDP05	DSC	Core V Practical III – Garment Textile Printing	3	-	5	4	50	50	100
22CDP06	DSC	Core VI Practical IV - Garment Care and Labelling	2	-	4	4	50	50	100
22CDP07	SEC	Internship / Institutional Training / Mini-Project	2	-	-	-	100	-	100
22CDPE01	AEE	Open Elective - I	2	3	-	-	100	-	100
22CDPV01	ACC	VAC-I	1*	2	-	-	50	-	50**
22CDPJ01	SEC	Aptitude / Placement Training	Grade*	2	-	-	50	-	50**
-	SEC	SDR – Student Development Record	Assessment will be done in the end of Third semester						
Total			25	17	19	-	500	300	800
Semester - II									
22CDP08	DSC	Core VII – Indian Textile Industries	5	5	-	3	50	50	100
22CDP09	DSC	Core VIII – Technical Textiles	5	5	-	3	50	50	100
22CDP10	DSC	Core IX– Textile Testing	4	4	-	3	50	50	100

22CDP11	DSC	Core X-Practical V – Advanced Garment Designing and Construction	2	-	5	4	50	50	100
22CDP12	DSC	Core XI Practical VI – Textile Testing	2	-	5	4	50	50	100
22CDP13	DSC	Core XII Beauty and Grooming Techniques							
22CDP13T		Theory	2	2		3	25	25	50
22CDP13P		Practical VII	2		3	4	50	-	50
22CDP14	SEC	Mini-Project	2	-	-	-	100	-	100
22CDPE02	AEE	Open Elective - II	2	3	-	-	100		100
22CDPV02	ACC	VAC-II	1*	2	-	-	50	-	50**
22CDPJ02	SEC	Online Courses	Grade*	-	-	-	-	-	C/NC
22CDPJ03	SEC	Aptitude / Placement Training	Grade*	2	-	-	50	-	50**
		Total	26	23	13	-	525	275	800
		Semester - III							
22CDP15	DSC	Core XIII – International Trade and Documentation	4	4	-	3	50	50	100
22CDP16	DSC	Core XIV – Fashion Business	4	4	-	3	50	50	100
22CDP17	DSC	Core XV – Sustainable Fashion	4	4	-	3	50	50	100
22CDP18	DSC	Core XVI Practical VIII – CAD in Garment Designing	2	-	4	-	50	50	100
22CDP19A	DSE	Elective – I/DSE - I	2	-	4	4	50	50	100
22CDP19B									
22CDP20A	DSE	Elective – II DSE - II	2	-	4	4	50	50	100
22CDP20B									
22CDP21	DSC	Core XVII Practical XI- Fabric Analysis	2	-	5	3	50	50	100
22CDP22	SEC	Mini-Project	2	-	-	-	100	-	100
22CDPE03	AEE	Open Elective-III	2	3	-	-	100		100
22CDPV03	ACC	VAC-III	1*	2	-	-	50	-	50**

22CDPJ04	SEC	Aptitude / Placement Training	Grade*	2	-	-	50	-	50**
22CDPJ05	SEC	Online Courses	Grade*	-	-	-	-	-	C/NC
22CDPJ06	SEC	SDR – Student Development Record	2*	-	-	-	-	-	-
		Total		24	19	17	550	350	900
Semester - IV									
22CDP23A	DSE	Elective – III/DSE - III	3	5	-	3	50	50	100
22CDP23B									
22CDP24A	DSE	Elective – IV/DSE - IV	3	5	-	3	50	50	100
22CDP24B									
22CDP25	DSC	Core XVIII Self-Study	4	-	-	3	50	50	100
22CDP26	SEC	Project Work /Student Research	5	-	-	-	100	100	200
		Total	15	10	-	-	250	250	500

- * denotes Extra credits which are not added with total credits.
- ** denotes Extra marks which are not added with total marks.
- VAC-Value Added Course (Extra Credit Courses)
- * Grades depends on the marks obtained

Range of Marks	Equivalent remarks
80 and above	Exemplary
70 – 79	Very good
60 – 69	Good
50 – 59	Satisfactory
Below 50	Not Satisfactory = Not Completed

- Part IV & V not included in total marks and CGPA calculation.
- I.E-Internal Exam
- E.E-External Exam
- J-Job Oriented Course
- E – Open elective Papers

PASSING MINIMUM

- Passing Minimum for PG 50% (Both Internal and External)

Abstract for Scheme of Examination
(For the students admitted during the academic year 2022 - 2023 and onwards)

Course	Papers	Credit	Total Credits	Marks	Total Marks
Core /DSC	9	5/4	40	100	900
<i>Self-Study Course /DSC</i>	1	4	4	100	100
Electives/DSE	4	3/2	10	100	400
Practical DSC	8	3/2	19	100	800
Project SEC	1	5	5	200	200
<i>Internship/Institutional Training/Mini-Project / Extension Activity</i>	3	2	6	100	300
Open Electives /AEE	3	2	6	100	300
<i>Value Added Course</i>	3	1*	3*	50	150**
Aptitude / Placement Training / SEC	3	Grade*	Grade*	50	150**
Online Courses	2	Grade*	Grade*	-	C/NC
SDR – SEC	1	2*	2*	-	-
Total			90 + (5 Extra Credits)		3000 + (300**)

List of Open Elective Papers & VAC / JOC

Open Electives	Yoga for Human Excellence Human Health & Hygiene Indian Culture and Heritage Indian Constitution and Political System Consumer Awareness and Protection Professional Ethics and Human Values Human Rights, Women's Rights & Gender Equality Disaster Management Green Farming Campus to Corporate How to start a Business? Research Methodology and IPR General Studies for Competitive Examinations IIT JAM Examination (for Science only) CUCET Examination
	Fashion Journalism Business of Luxury Fashion Designing and development of Nonwoven products
VAC	Terracotta Jewellery Personal Grooming Textile Testing Techniques Aari Embroidery

LIST OF ELECTIVE PAPERS

ELECTIVES	COURSE CODE	PAPERS
ELECTIVE I / DSE - I	22CDP19A	Practicals IX: Home Textiles and Furnishing
	22CDP19B	Practicals IX: Visual Merchandising
ELECTIVE II / DSE - II	22CDP20A	Practicals X: Fashion Photography
	22CDP20B	Practicals X: Cosmetology
ELECTIVE III / DSE - III	22CDP23A	Science of clothing comfort
	22CDP23B	Textile finishing
ELECTIVE IV / DSE - IV	22CDP24A	Technical textile
	22CDP24B	Principles of combing, roving preparation and ring spinning


Syllabus Coordinator


BOS-Chairman/Chairperson
Head of the Department
Department of Costume Design & Fashion
Hindusthan College of Arts & Science
Behind Nava India
Coimbatore - 641 028


Academic Council – Member Secretary


PRINCIPAL
PRINCIPAL
Hindusthan College of Arts & Science (Autonomous),
Hindusthan Gardens, Behind Nava India,
Coimbatore - 641 028.

PG Scheme of Evaluation (Internal & External Components)

(For the students admitted during the academic year 2022-2023 and onwards)

1. Internal Marks

List of components for Internal Assessment

Components	Marks
Test	15
Model Exam	15
Internal Assessment components	20 #
TOTAL	50

S.No	Components
1	Multiple choice questions
2	Video teach
3	Co-operative or Collaborative Learning
4	Mini Project/Assignment
5	Case study
6	Seminar
7	Role Play
8	Management Games

(Any four components from the above list with five marks each will be calculated .4x5=20 marks)

2. a) Components for Practical I.E.

b) Components for Practical E.E.

Components	Marks
Test -I	15
Test - II	15
Observation	10
Application*	10
Total	50

Components	Marks
Experiments/Exercise	40
Record	5
Viva	5
Total	50

3. Institutional/ Industrial Training, Mini Project and Major Project Work

Internships/Industrial Training (I.E)		Mini Project (I.E)	Major Project Work		
Component	Marks		Component	Marks	Total Marks
Work diary	25	-	I.E a)Attendance	20	100
Report	50	50	b)Review	30	
Viva-voce	25	50	c) Report	25	
			d)Moc Viva-Voce/ Presentation	25	
Total	100	100	E.E*		
			a) Final report	60	100
			b)Viva-voce	40	
			Total		200

*Evaluation of report and conduct of viva voce will be done jointly by Internal and External Examiners

4. Value Added Courses and Aptitude/Placement courses:

Components	Marks
Two Test (each 1 hour) of 25 marks each QP is objective pattern (25x1=25)	50
Total	50

5. Guideline for Open Elective

Two tests(each 2 hours) of 50 marks each [5 out of 8 descriptive type questions 5x10=50 Marks	Marks
	100

Guidelines:

1. The passing minimum for these items should be 50%
2. If the candidate fails to secure 50% passing minimum, he / she may have to reappear for the same in the Subsequent semesters
3. Item No's:4 is to be treated as 100% Internals and evaluation through online.
4. Item No.2: * - Application should be from the relevant practical subject other than the listed programmes. It must be enclosed in the practical record.

For all PG/MBA/MCA Programmes

(2022-2023 Regulations)

QUESTION PAPER PATTERN FOR CIA EXAM

Reg.No:-----

Q.P.CODE:

HINDUSTHAN COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

PG/MBA/MCA DEGREE CIA EXAMINATIONS -----20-----

(-----Semester)

BRANCH: -----

Subject Name: -----

Time: Two Hours

Maximum: 50 Marks

Section-A (4 x 4=16 Marks)

Answer **ALL** Questions

ALL questions carry **EQUAL** Marks

(Q.No: 1 to 4 Either Or type)

Section-B (3 x 8=24 Marks)

Answer any **THREE** Questions out of **FIVE** Questions

ALL questions carry **EQUAL** Marks

(Q.No: 5 to 9)

Section-C (1 x 10=10 Marks)

(Compulsory Question: It should be a Case study/Application oriented/Critical analysis from any of the units)

(Q.No: 10)

QUESTION PAPER PATTERN FOR MODEL / END SEMESTER EXAM

Reg.No:-----

Q.P.CODE:

HINDUSTHAN COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

PG/MBA/MCA DEGREE MODEL EXAMINATIONS -----20-----

(-----Semester)

BRANCH: -----

Subject Name: -----

Time: Three Hours

Maximum: 60 Marks

SECTION – A (5x4=20 marks)

Answer **ALL** Questions

ALL Questions carry **EQUAL** Marks

(Q.No 1 to 5 Either Or type)

(One question from each Unit)

SECTION – B (3x10=30 Marks)

Answer any **THREE** Questions Out of **FIVE** Questions

ALL Questions carry **EQUAL** Marks

(Q.No 6 to 10)

(One question from each Unit)

SECTION – C (1x10=10Marks)

(Compulsory Question: It should be a Case study/Application oriented/Critical analysis from any of the units)

(Q.No: 11)

Blue Print of Question Paper for all PG Programmes

(For the academic year 2021-22, 2022-23)

FOR CIA I - QUESTION PATTERN

Max. Marks:50

Sec	Question No	Type	No of Question	Questions to be answered	Mark per question	K-level
A	1 to 4	Either or Type (a or b)	8	4	4 (4x4=16)	2 Questions will be in K1 4 Questions will be in K2 2 Questions will be in K3
B	5 to 9	Open choice	5	3	8 (3x8=24)	2 Questions will be in K3 2 Questions will be in K4 1 Questions will be in K5
C	10	Compulsory	1	1	10 (1x10=10)	1 Question will be in K5

FOR MODEL/ESE - QUESTION PATTERN

Max. Marks:60

Sec	Question No	Type	No of Questions	Questions to be answered	Mark per question	K-level
A	1 to 5	Either or Type (a or b)	10	5	4 (5x4=20)	2 Questions will be in K1 4 Questions will be in K2 4 Questions will be in K3
B	6 to 10	Open choice	5	3	10 (3x10=30)	2 Questions will be in K3 2 Questions will be in K4 1 Questions will be in K5
C	11	Compulsory	1	1	1 (1x10=10)	1 Question will be in K5

Distribution of section-wise marks with K levels for PG - 2021-22, 2022-23

CIA - PG								
Sec.	K1	K2	K3	K4	K5	Total questions	Questions to be answered	Total marks
A- Either or type	2	4	2			8	4	4X4=16
B - Open choice			2	2	1	5	3	3X8=24
C- Compulsory Question					1	1	1	1X10=10
Total Marks	8	16	16	16	18			84
% of marks without choice	9.52	19.05	19.05	119.05	21.43			100

Model Exam - PG								
Sec.	K1	K2	K3	K4	K5	Total questions	Questions to be answered	Total marks
A- Either or type	2	4	4			10	5	5X4=20
B - Either or type			2	2	1	5	3	3X10=30
C – Compulsory Question					1	1	1	1X10=10
Total Marks	8	16	36	20	20			100
% of marks without choice	8	16	36	20	20			100

PG Programme Regulations for the academic year 2022-2023

1. Internal marks components for all the candidates admitted from the academic year 2022-2023 and onwards is as follows.

For Theory courses

Components	Marks
Test	15
Model Exam	15
Internal Assessment components	20
TOTAL	50

For Practical courses

Components	Marks
Test-I	15
Test-II	15
Observation/Exercise	10
Application*	10
TOTAL	50

2. Pattern of question paper for External Examination will be maximum of 60 marks for all theory courses. The marks obtained will be converted into 50 marks as per the scheme.
3. Passing minimum marks for all PG programme is 50 % in internal and 50% in External and the composition of total 50 marks out of 100 marks.
4. Project work is considered as a special course involving application of knowledge in problem solving / analyzing /exploring a real-life situation. A Project work may be given in lieu of a discipline specific elective paper. Distribution of marks for major project work for all PG Programmes will be of 50:50 pattern for both Internal and External in total of 200 marks.
5. Internship / Institutional Training / Mini-Project/ Extension Activity is related to the discipline. The students can be permitted to complete the Internship / Institutional Training / Mini-Project/ Extension Activity before the end of respective semesters (end of I, II and III semester) and submit a report.

Internship / Institutional Training/ Extension Activity	Not more than seven days
Mini project	During the course of study for not more than seven days.

6. For fully internal subjects, Two test will be conducted one at the time of CIA I and the other will be during Model Examinations.
7. Retest for the failure candidates in the above case should be conducted immediately before the End Semester Examinations.
8. For the Theory cum Practical blended courses, 50:50 Internal and External pattern will be followed for theory examination and Fully internal pattern will be followed for Practical examination. For theory part, External examination will be conducted as regular pattern (max of 70 marks) and it will be converted into 25 marks.

Course	Internal Marks		External marks		Total marks (Max. marks 50)	
	Min.	Max.	Min.	Max.	Min.	Max.
Theory	12.5	25	12.5	25	25	50
Practical	25	50	-		25	50

For Practical components for Theory cum Practical courses (Fully Internal)

Components	Marks
Test I	10
Test II	10
Experiment/Exercise	20
Record	5
Viva	5
Total	50

The Internal mark 50 will be converted into 25.

11. For the candidates admitted under the Fast Track System (FTS) must register their names to their concerned department heads and get approval from the COE office at the beginning of the II semester.
12. Self Study will be a Core Paper of the department for which the examination pattern of other theory subjects is followed.
13. Online courses is incorporated as a non-credit skill enhancement course for the III and IV semesters and Grades will be assessed based on the certificates produced by the students. It is compulsory to produce one online course certificate for each semester to avail grades for the students. (2 certificates in any of the online platform is mandatory).
14. SDR – Student Development Report to be received by the department from the students till end of the **Third** semester. (Evidences of Curriculum activities and Co-curriculum activities).
15. Open elective courses:
Departments can offer list of subjects which teaches moral ethics to the young community for the better future. The topics relevant to Indian ethics, Culture, Women rights, Yoga, Green farming, Indian constitution etc., as an open elective courses. These courses can be offered by the department or other department as inter department courses. Marks earned for this subject will not be included for the CGPA calculation.

Regulations of Fast Track System (FTS)

- From the academic year 2021-22, our college is offering Fast Track System (FTS) for all UG and PG programmes. In this system, we are offering two courses under the course type of Discipline Specific Elective (DSE) in the sixth semester for all UG programmes and fourth semester for all PG programmes, which are equivalent and related with National Programme on Technology Enhanced Learning/Study Webs of Active-Learning for Young Aspiring Minds (NPTEL/SWAYAM) courses.
- The students have the option of taking two subjects of the sixth semester of their programme through NPTEL/SWAYAM portal from the list given by NPTEL and can complete the online course before fifth semester and submit the received original certificates to the COE office for getting approval. If the student completes these courses before the beginning of the sixth semester (UG)/fourth semester (PG), the candidate can be considered and exempted to write the examination from the assigned DSE courses in the sixth semester/fourth semester. They should complete only the self study course and project work during the VI/IV semester as assigned in the scheme. The candidate who completes the online courses and submits the successful course completion credentials, the credit transfer will be considered as per our Scheme of Examination for qualifying the degree. **The minimum duration of the registered online course must be 12 weeks.** Course duration of less than 12 weeks will not be considered.
- For all PG programmes, the candidates who were admitted during the academic year 2021-2022 under the Fast track system, for the self study course, the internal mark component will be as follows. For others regular internal pattern follows.

TEST	Max. Marks	Mode
CIA I	50 (50x1=50)	Online objective type
Model Exam.	50 (50x1=50)	Online objective type

Out of these two tests, the total marks will be converted into 40 marks as Internal.

- For all UG programmes, the candidates who were admitted during the academic year 2021-2022 under the Fast track system, for the self study course, the internal mark component will be as follows. For others regular internal pattern follows.

TEST	Max. Marks	Mode
CIA I	50 (50x1=50)	Online objective type
CIA II	50 (50x1=50)	Online objective type
Model Exam.	50 (50x1=50)	Online objective type

Out of three tests, the total mark will be converted into 30 marks as Internal.

- For the students admitted in Fast Track System, must enroll their names to the concerned department heads and get approval from the COE office at the beginning of III semester for all UG Programmes and at the beginning of II semester for all PG programmes.
- The students who cleared and got certified for online courses under the fast track system, the grade obtained will be converted into average marks of range. The received certificates must be submitted to the COE office for approval of the Controller and the Principal. The FTS courses will be treated as fully external.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
I	DSC	22CDP01	Core I – Research Methodology	5	5	50	50	100
Nature of Course								
Knowledge and Skill Oriented				Employability Oriented			✓	
				Entrepreneurship Oriented			✓	
				Skill Development			✓	

Course Objectives

1. Summarize about the Research and techniques for Research.
2. Describe methods and types of research.
3. Develop and research plan of their own.
4. Apply techniques of research using statistics.
5. Develop a research design for a project.

Unit	Core I – Research Methodology	Hours	K Level
I	Research & its types: Meaning of Research - Types of Research - Significance of Research - Research Process. Defining, the Research Problem - Sources, Identification, Selection and Statement, Review of related literature.	15	UptoK5
II	Research Design: Research Design - Meaning, Different research designs, Basic Principles of experimental designs. Developing a Research Plan. Sampling: Census and sample survey, Steps in sampling design, criteria for selecting a sampling. Procedure, characteristics of a good sample design, different types of sample designs.	15	UptoK5
III	Data Collection: Methods of Data collection - observation, Questionnaire, Interview, Data processing and analysis, - Collection, classification, tabulation, Graphical, representation and data analysis.	15	UptoK5
IV	Data Processing and Report Writing Data processing and analysis: Processing operations-editing, coding, classification, and tabulation Interpretation and Report writing – Meaning of interpretation, techniques, and precautions in interpretation; significance of report writing, steps in writing report, layout of research report, mechanics of research report.	10	UptoK5

V	Statistics Statistics in research - measures of central tendency, dispersion, asymmetry and relationship Co-relation Tests of Hypothesis – Meaning of hypothesis, Basic concepts concerning testing of hypothesis, procedure for hypothesis testing, tests of hypothesis – important parametric tests and nonparametric tests.	10	UptoK5
---	--	----	--------

Note: The Questions should be asked in the 90% Research and 10% in statistics

Book for Study

1. C.S.Kothari, “*Research Methodology*”, New Age Publishers Pvt Ltd.2012

Books for Reference

1. Hort Reinhart, Introduction to Research in Education - Ary, *lakshminarainagarwal publications*
2. R.Paneerselvam, “*Research Methodology*”, Prentice Hall India Learning Private Limited
3. Dr.PrasantSarangi, “*Research Methodology*”, Taxmann Publications Private Limited
4. PC Tripathi, “*A Textbook of Research Methodology*”, Sultan Chand & Sons.

Web Resources

1. <https://research-methodology.net/research-methodology/research-types/>
2. <https://www.slideshare.net/vaisalik/types-of-research>
3. https://dinus.ac.id/repository/docs/ajar/Kothari_Research_Methodology_Methods_and_Techniques_-_2004.pdf

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training




Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Experiment the basics and methods of the research	UptoK5
CO2	Relates the applications of research techniques for analysis and interpretation.	UptoK5
CO3	Apply and plan the technique of Research of different types.	UptoK5
CO4	Test the hypothesis using suitable statistical methods.	UptoK5
CO5	Develop a research design in their Project and Thesis.	UptoK5

Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

CLOs	Programme Outcomes						
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	1	1	2	2	3	2	3
CLO 2	2	2	1	3	3	3	3
CLO 3	2	2	2	2	3	2	3
CLO 4	2	2	2	3	3	3	2
CLO 5	1	2	3	3	2	3	3

3 – Advance Application 2 – Intermediate Level 1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Dr.R.Sucharitha	 Dr.R.Sucharitha	 Name & Signature

Head of the Department
 Department of Costume Design & Fashion
 Hindusthan College of Arts & Science
 Behind Nava India
 Coimbatore - 641 028

Co-ordinator
 Curriculum Development Cell
 Hindusthan College of Arts & Science,
 Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
I	DSC	22CDP02	Core II – Standards and Specifications for Clothing	5	5	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives

1. Appraise about global standards for apparel.
2. Estimate clothing standards and specifications.
3. Probes on International standard bodies.
4. Evaluate the international wash care standards.
5. Infer clothing specifications in garment manufacturing.

Unit No	Core II – Standards and Specifications for Clothing	Hours	K Level
I	Standards: Definition of standard, benefits of standards, levels of standards, need for uniform standards, standard for different levels, quality standard and price relationship, national, company, industry, international, Audit Bureau.- AATCC,ASTM, ANSI, ISO, BSCI,BNS,SEDEX	15	UptoK5
II	Clothing Construction Standards: key line checkpoint for standards, standardizing garment construction, seams, seam finishes, darts, dart equivalents, underlining interfacing, interlining, linings, inseam pockets, applied pockets, slashed pockets, bindings, facings, in set bands, rib stretch bands, collars, under stitching, sleeves, sleeve finishes, cuffs and plackets. Waistline edge treatments-waistbands, waist line facing, edge casing. Internal waist line treatments-buttons and Decorative, snap closures, button holes, zip closures, hems, hem treatments, pressing.	15	UptoK5
III	Quality standards for fit: standard measurement, techniques and its importance in fit, how to measure garments, minimum ease for each part, standard measurement for hemline, for various garments, collars, buttons, buttons and, buttonholes, piping, facing, etc., Trim Testing possible defects: zipper and buttons.	15	UptoK5
IV	Specifications, importance of specs and its role in maintain quality, process of spec sheet development. Concepts of tolerances- maximum, minimum and zero tolerance.	10	UptoK5
V	Care Labelling: importance of care labels, care symbols and its variations in different countries- GINETEX, JAPANESE, AMERICAN, SYMBOLS, Meanings, Care Instructions for different fabrics and garment types.	10	UptoK5

Book for Study

1. *A.J. Chutter, Introduction to clothing production management, Blackwell Publishing,.*

Books for Reference

1. *Pradeep V Mehta, Managing quality in apparel industry, NIFT Publications*
2. *Mehta P V, Marcel Dekker An Introduction to quality control for the apparel industry,*
3. *Physical testing and quality control, textile Institute.*
4. *Patty Brown and Janett Rice, Ready to Wear Apparel Analysis- Prentice –Hall Inc*
5. *JanaceE. Bubonia Apparel Quality a guide to evaluating Sewing products.*

Web Resources

1. <https://www.slideshare.net/vaisalik/types-of-research>
2. https://dimus.ac.id/repository/docs/ajar/Kothari_Research_Methodology_Methods_and_Techniques_-_2004.pdf

Pedagogy : Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Evaluate and remember the clothing standards.	UptoK5
CO2	Comprehend the global standards for various components and other aspects of export apparels.	UptoK5
CO3	Correlates on international wash care standard.	UptoK5
CO4	Evaluate on international wash care standards.	UptoK5
CO5	Create care labels with standards and specifications for export garments.	UptoK5



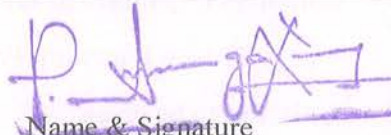
Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

Programme Outcomes							
CLOs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	2	2	2	2	3	3	3
CLO 2	2	2	2	3	3	3	3
CLO 3	2	2	2	3	3	3	3
CLO 4	2	2	2	3	3	3	3
CLO 5	1	2	2	3	3	3	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Dr.R.Sucharitha	 Dr.R.Sucharitha	 Name & Signature

Head of the Department
 Department of Costume Design & Fashion
 Hindusthan College of Arts & Science
 Coimbatore - 641 028

Co-ordinator
 Curriculum Development Cell
 Hindusthan College of Arts & Science
 Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
I	DSC	22CDP03	Core III Practical I – Advanced Illustration	3	5	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives

1. Remembers and illustrates the basics of costumes.
2. Develops drawing skills by drawing the garment designs.
3. Create theme using illustration
4. Gain knowledge on illustrating natural designs
5. Design garment collection for fashion show, summer and winter collection.

Experiment No	Core III Practical– Advanced Illustration	Hours	K Level
	Illustrate the following types of design for textile prints using Repeats: Prepare samples on fabric.		
1	Geometric– Line–straight, diagonal, curve and zigzag.	15	UptoK5
2	Abstract designs	15	UptoK5
3	Natural Designs–animal print, flower, natural scenery.	15	UptoK5
4	Baby Prints–Prints of cartoon characters or children motifs.	10	UptoK5
5	Zentangle form of design	10	UptoK5

Book for Study

1. *Drudi Elizabeth and Pal, Figure Drawing for Fashion Designers.2002*

Books for Reference

1. *Patrick John. Fashion Design Drawing & Presentation, Ireland 1982*
2. *Drudi Elizabeth and Pal Fashion design Illustration: Children, Ireland.2002*
3. *Patrick John, Fashion Design Illustration: Men, Ireland.1996*

Web Resources

1. https://www.researchgate.net/publication/235311558_Basic_garment_pattern_generation_using_geometric_modeling_method
2. <https://www.alamy.com/stock-photo/geometric-shapes-fashion-clothing.html>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Recall Illustration techniques for Fashion.	UptoK5
CO2	Demonstrate Fashion illustration	UptoK5
CO3	Theme creation with illustration.	UptoK5
CO4	Create illustrations of natural designs.	UptoK5
CO5	Design and illustrate garments for various occasion.	UptoK5

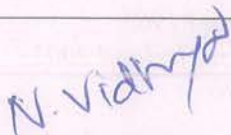


Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

Programme Outcomes							
CLOs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	2	2	2	2	3	3	3
CLO 2	2	2	2	3	3	3	3
CLO 3	2	2	2	3	3	3	3
CLO 4	2	2	2	3	3	3	3
CLO 5	1	2	2	3	3	3	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Mrs.N.Vidhya	 Dr.R.Sucharitha	 Name & Signature

Head of the Department
Department of Costume Design & Fashion
Hindusthan College of Arts & Science
Behind Nava India
Coimbatore - 641 028

Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science,
Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
I	DSC	22CDP04	Core IV Practical II--Garment Draping	3	5	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives			
1. Remembers to prepare patterns through draping technique. 2. Selects fabrics for pattern making of different garment. 3. Develop patterns using draping method. 4. Develop basic garments for casual wear. 5. Design garment collection for fashion show, summer and winter collection.			
Experiment No	Core IV Practical II--Garment Draping	Hours	K Level
1	Drape pattern for the following Skirts a)Pleated skirt b)Gathered Skirt- children or women c)Flare skirt d) HipYoke skirt -children or women	10	UptoK5
2	Drape pattern for the following Sleeves a) Plain Sleeve b) Puff Sleeve- any type of garment c)Bishop Sleeve d)Leg –o-mutton sleeve-any type of garment	10	UptoK5
3	Drape pattern for the following Collars a)Peter pan Collar b) Shirt Collar-any type of garment c)Mandarin Collar –any type of garment	15	UptoK5
4	Drape any one of the following garment for a girl child a)Yoke frock b) Babasuit-with bib c) Middi and middi top Drape any one of the following garment for a boy child. a) T-shirt and shorts b) Kurta and Pyjama c)¾pants and Tops	15	UptoK5
5	Design& Drape Party wear for a teen age girl a)Party wear for a girl child b)Party wear for a Teen age girl/women	15	UptoK5

Book for Study

1. *Draping for Fashion Design, Hilde Jaffe, NurieRelis, Pearson Prentice Hall, 2012*

Books for Reference

1. Helen Joseph, Arm strong, *Draping for Apparel Design* 2000
2. Sally.m.Dimarco, *Draping Basics* Published by Far child Books 2004

Web Resources

- 1 <https://www.youtube.com/watch?v=hAvjXU9xrOM>
- 2 <https://www.youtube.com/watch?v=BhG9Sp3UutI>
- 3 <https://www.moodfabrics.com/blog/intro-to-draping-dress-form-muslin-basics/>

Pedagogy : Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Recalls and applies the basics of draping garment techniques	UptoK5
CO2	Develop the basic patterns in a garment for a simple style using selected.	UptoK5
CO3	Develops various fullness and produce patterns for the garments.	UptoK5
CO4	Develop intric garment designs for various occasions.	UptoK5
CO5	Designs, develops draps for celebrities costumes or any other function.	UptoK5


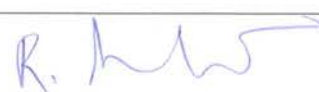
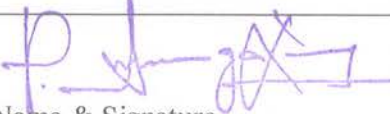
Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

Programme Outcomes							
CLOs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	2	2	2	2	3	3	3
CLO 2	2	2	2	3	3	3	3
CLO 3	2	2	2	3	3	3	3
CLO 4	2	2	2	3	3	3	3
CLO 5	1	2	2	3	3	3	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Mrs. V. Deepa	 Dr. R. Sucharitha	 Name & Signature

Head of the Department
Department of Costume Design & Fashion
Hindusthan College of Arts & Science
Behind Nava India
Coimbatore - 641 028)

Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science
Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
I	DSC	22CDP05	Core V Practical III – Garment Textile Printing	3	5	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives			
1. Designs for various types of prints. 2. Creates designs for different garment prints. 3. Print simple design on garments. 4. Discover new design and print on garment. 5. Print intricate designs for special styles of garment.			
Experiment No	Core V Practical III – Garment Textile Printing	Hours	K Level
1	Design and construct a garment with Tie and Dye Print	10	UptoK5
2	Design and construct a garment with Batik Print	10	UptoK5
3	Design and construct a garment with Stencil Print	10	UptoK5
4	Design and construct a garment with Block Print	10	UptoK5
5	Design and construct a garment with Screen Print	15	UptoK5
6	Design and construct a garment using natural dye	10	UptoK5

Books for Reference

1. Corbmann B.P, *Textiles –fibre to fabric*, Mc Graw Hill Book company Singapore.1985
2. A.K. Roy Choudhury, *Textile preparation and dyeing*, science publishers.2006
3. Shenai V.A., *Technology of Textile Processing*, Vol. III, V, VI, VII Sevak publications, Bombay, 1981.
4. Rothwell Charles Frederick Seymour, *“The Printing of Textile Fabrics”*, Forgotten Books publishers.2018
5. N. N. Mahapatra, *“Textile Dyeing”*, Woodhead Publishing, 2018

Web Resources

1. <https://thedesigntart.com/blogs/news/diy-tie-and-dye>
2. <https://textilelearner.blogspot.com/2012/02/introduction-of-tie-dye-how-to-tie-dye.html>
3. <https://www.fabric.com/fabric-type/batik><https://www.expats.or.id/info/batik.html>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Analyse different types of prints to design garment.	UptoK5
CO2	Develop different types of textile design.	UptoK5
CO3	Design and print different type of textile fabrics.	UptoK5
CO4	Create new designs using various printing methods	UptoK5
CO5	Develop textile design prints on special styles of fabrics/garment design	UptoK5



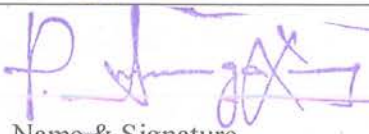
Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

Programme Outcomes							
CLOs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	1	2	1	2	3	3	3
CLO 2	2	1	2	3	3	3	3
CLO 3	2	2	2	3	3	3	3
CLO 4	2	2	2	3	3	3	3
CLO 5	1	2	2	3	3	3	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Ms.A.Aksiya	 Dr.R.Sucharitha	 Name & Signature

Head of the Department
Department of Costume Design & Fashion
Hindusthan College of Arts & Science
Behind Nava India
Coimbatore - 641 028;

Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science,
Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
I	DSC	22CDP06	Core VI Practical IV –Garment Care and Labelling	2	4	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives

1. Choose the manufacturing process of soap.
2. Grade about laundry blues and its methods involved
3. Get aware of the principles of washing different types of garments and its maintenance
4. Analyze about the different types of stain
5. Evaluate the different types of wash care instructions involved in washing

Experiment No	Core VI Practical IV –Garment Care and Labelling	Hours	K Level
Topics			
1	Manufacturing of soap(Hot &Cold Process)	7	UptoK5
2	Starching Process (Hot & Cold Process)	7	UptoK5
3	Laundry Blue	7	UptoK5
4	Principles of washing	7	UptoK5
5	Laundry of different fabric.	6	UptoK5
6	Dry cleaning	6	UptoK5
7	Stain removal	6	UptoK5
8	Study of various care labels.	6	UptoK5

Book for Study

1. Wingate I B , *Textiles fabrics and their Selection*, Prentice-Hall Inc Publishers, 1946

Books for Reference

1. *Fundamentals of Textiles and their Care-* Susheela Dantyagi , Orient Longmann Ltd, 19802. BestJN,
2. Mildred T. Tate and Glisson O, "Family Clothing", John Wiley & Sons Inc, Illinois, 1961
3. DurgaDeulkar , "Household Textiles and Laundry Work", Amla Ram & Sons, Delhi, 1951

Web Resources

- 1 <https://tide.com/en-us/how-to-wash-clothes/how-to-do-laundry/your-comprehensive-guideon-how-to-do-laundry#Step1>
- 2 [https://www.coats.com/en/Information-Hub/CareLabels#:~:text=Labels%20should%20be%20designed%20based,5\)%20Wringing%20%26%206\)%20Drying](https://www.coats.com/en/Information-Hub/CareLabels#:~:text=Labels%20should%20be%20designed%20based,5)%20Wringing%20%26%206)%20Drying)
- 3 . <https://www.customclothinglabels.com/uses/why-are-care-labels-soimportant/#:~:text=Care%20labels%20are%20essential%20when,run%20could%20ruin%20the%20fabric.>
- 4 <https://www.rinse.com/blog/care/what-is-dry-cleaning/ 2004.pdf>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Preparation by applying the methods of soap making and starch process.	UptoK5
CO2	Analyzing the principle methods of applying laundry blue.	UptoK5
CO3	Demonstrate the method of washing.	UptoK5
CO4	Identify the methods of dry cleaning and stain removal of different types of fabrics.	UptoK5
CO5	Analyze different kinds of wash care labels.	UptoK5



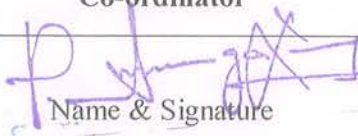
Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

CLOs	Programme Outcomes						
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	1	2	1	1	2	2	3
CLO 2	2	3	3	2	2	2	3
CLO 3	1	2	1	2	2	2	3
CLO 4	2	2	3	2	2	2	3
CLO 5	1	2	2	2	2	2	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC
 Dr.R.Sucharitha	 Dr.R.Sucharitha	 Name & Signature

Head of the Department
Department of Costume Design & Fashion
Hindusthan College of Arts & Science
Behind Nava India
Coimbatore - 641 028

Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science,
Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
II	DSC	22CDP08	Core VII Indian Textile Industries	5	5	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives

1. Trace the origin of the textile industry in India
2. Predict the growth of the industry over the years
3. Gain knowledge on new technologies in the industry.
4. Infer the Major segment of Indian textile industry
5. Analyze the latest technological developments in the Indian Textile Industry

Unit	Core VII Indian Textile Industries	Hours	K Level
I	Introduction to Indian Textile Industry: Origin, Growth and Development of Indian Textile Industry - Cotton, Wool, Silk, Rayon, Man- Made Textiles, Readymade garments. Textile policies of Tamilnadu and Central Government	10	Upto K5
II	Technological Developments in Fiber Industry: Technological developments in Fibre Industry, Significance and uses. Technological developments in Yarn Industry, significance and uses.	10	Upto K5
III	Technological Developments in Fabric industry Technological developments in Fabric Industry -woven, significance and uses. Technological developments in Fabric. Industry - knitting, significance and uses, Technological developments in Garment Industry, significance and uses.	15	Upto K5
IV	Technological Developments in printing Industry Technological developments in Printing and Dyeing Industry, significance and uses Technological developments in Processing Industry, significance and uses.	15	Upto K5
V	Technological development in Antimicrobial finishes: Introduction, Antimicrobial agents, types of antimicrobial finishes in textiles. Evaluation of antimicrobial finishes.	15	Upto K5

Book for Study

1. *Indian Silk*, Central Silk Board, Ministry of Textiles, M G Road, Bangalore - 560 001.
2. *Man-made Textiles in India - SASMIRA*, Sasmiramarg, Worli, Mumbai

Books for Reference

1. *Indian Textile Industry: State Policy, Liberalization and Growth* - Shuji Uchikawa Oxford University Press, 2017
2. *The Indian Textile and Clothing Industry: An Economic Analysis* - Mausumi Kar, Published by Springer India, 2015.
3. *Textiles-Fiber to fabric*, Bernard P Corbman, 6th edition, McGraw Hill Book Co, Singapore, 1983.
4. *Fabric forming systems*, Peter Schwartz, Trevor Rhodes, Mansour Mohammed, Noyes' Publications, New Jersey, USA, 1996.
5. *Fabric Care*, Normia D'Souza, New Age International Pvt Ltd, New Delhi Journals 1998

Web Resources

1. http://texmin.nic.in/sites/default/files/strategic_plan_2012_2017.pdf
2. <https://www.indiatoday.in/education-today/gk-current-affairs/story/textile-industry-in-india-latest-facts-figures-government-schemes-1353406-2018-10-01#:~:text=The%20size%20of%20India's%20textile,cent%20between%202009%20and%202023.&text=India%20is%20the%20second%20largest,billion%2C%20marginally%20close%20to%20China.>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Trace out the origin of Indian Textile industry and evaluate the origin of the Indian textile industry	UptoK5
CO2	Relate the growth of the industry through five-year plans	UptoK5
CO3	Discover the significance of textile industry nationally and globally through new technology.	UptoK5
CO4	Appraise the significance of Indian textile industry.	UptoK5
CO5	Articulate the latest technological developments of textile industries in India	UptoK5



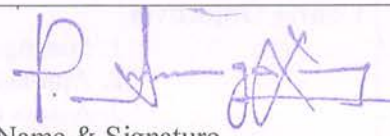
Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

Programme Outcomes							
CLOs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	1	1	3	3	2	2	3
CLO 2	1	2	1	2	2	3	3
CLO 3	2	1	3	2	3	2	3
CLO 4	1	2	1	3	2	2	3
CLO 5	2	2	2	2	2	3	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Mrs.N.Vidhya	 Dr.R.Sucharitha	 Name & Signature

Head of the Department
 Department of Costume Design & Fashion
 Hindusthan College of Arts & Science
 Behind Nava India
 Coimbatore - 641 028

Co-ordinator
 Curriculum Development Cell
 Hindusthan College of Arts & Science,
 Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
II	DSC	22CDP09	Core VIII Technical Textiles	5	5	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives

1. Distinguish about the fibers, yarns, fabrics and finishes for technical textiles.
2. Appraise the dynamics of medical textiles.
3. Assess the methods of evaluating the protective textiles.
4. Impart knowledge on the applications of geo textile.
5. Analyze about sports and leisure textiles for production.

Unit	Core VIII Technical Textiles	Hours	K Level
I	Technical Textiles Definition and Scope, Applications, Globalization and Future of technical textiles industry. High Strength and high modulus organic fibres, high chemical and combustion Resistant fibres, high performance in organic fibres, ultra-fine and novelty fibres.	10	Upto K5
II	Medical Textiles Classification – Hygiene Textiles – Wound care products – Surgical Textiles. Medical Products–Vascular grafts–Cardiac supportive devices–Embroidered implants. Implantable medical textiles – Tissue engineering –Biomedical Textiles–Antibacterial Textiles–Antimicrobial wound dressings.	10	Upto K5
III	Geo Textiles Classification, Functions, Design, Properties, Raw materials, and Applications. Agro Textiles– Need for Agro Textiles, Properties Required, Types of Agro tech products and their application, Fibres used, types, properties and functions. Filtration Textiles–Theory of dust collection, cleaning systems, fabric selection for dust collection, finishing treatments; solid, liquid separation, fabric selection - filtration, requirements, yarn and fabric construction for filter fabrics, finishing treatments. Architectural and Construction Textiles: Fabrics used - applications of coated fabrics in building structures, awnings and canopies, textiles for roofing materials.	15	Upto K5

IV	<p>Safety and Protective Textiles: Thermal insulation materials; study of water vapour permeable / water proof materials, military combat clothing systems; camouflage textiles, UV wave band, visible wave band, visual decoys; infrared camouflage; protective textiles against micro organisms, chemicals and pesticides, evaluation technique. Military and Defence Textiles: Protective clothing, Textiles used in defense systems, other applications. Transportation: Fibre requirements—fibre, plastic composites; textiles applications in all kinds of road transport vehicles, rail, aircrafts, marine.</p>	15	Upto K5
V	<p>Sports and Recreation Textiles: Introduction, fibers used, Types, functions and properties, Characteristics and Applications of Sports Tech. Smart Textiles Components, Classification - Active smart, passive smart and very smart textiles. Intelligent Textiles-Phase change materials, shape memory polymers, chromic and conductive Materials and its applications in various fields.</p>	15	Upto K5

Book for Study

- 1) *A R Horrocks and S C Anand, Hand book of Technical textiles – 2000, Wood head publishing ltd, England.2000*

Books for Reference

- 1) *N. Gokarneshan, D. Anitha Rachel, Emerging Research Trends in Medical Textiles, Springer.2015*
- 2) *Roger Chapman, Smart Textiles for Protection, woodheadpublications 2012*
- 3) *Lieva Van Langenhove, Smart Textiles for Medicine and Healthcare: Materials, Systems and Applications, Wood head publishing2007*

Web Resources

1. http://texmin.nic.in/sites/default/files/scheme_technical_textile_070116.pdf
2. <https://www.technicaltextile.net/articles/technical-textiles-and-their-applications-3922>
3. <https://www.technical-textiles.net/>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training




Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Explain the fibres, yarns, fabrics and finishes of technical textiles.	UptoK5
CO2	Identify various types of medical textiles	UptoK5
CO3	Elaborate on the functions of evaluating the protective textiles.	UptoK5
CO4	Elaborate on various types of geo textiles used for industries.	UptoK5
CO5	Find out the methods of creating sports and leisure textiles.	UptoK5

Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

Programme Outcomes							
CLOs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	2	1	2	1	2	3	3
CLO 2	1	2	2	2	2	2	3
CLO 3	2	2	2	3	3	3	3
CLO 4	1	1	3	2	2	2	3
CLO 5	2	2	2	3	2	3	3

3 – Advance Application 2 – Intermediate Level 1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Mrs. V. Deepa	 Dr. R. Sucharitha	 Name & Signature

Head of the Department
 Department of Costume Design & Fashion
 Hindusthan College of Arts & Science
 Behind Nava India
 Coimbatore - 641 028;

Co-ordinator
 Curriculum Development Cell
 Hindusthan College of Arts & Science,
 Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
II	DSC	22CDP10	Core IX Textile Testing	4	4	50	50	100

Nature of Course				
Knowledge and Skill Oriented	Employability Oriented		✓	
	Entrepreneurship Oriented		✓	
	Skill Development		✓	
Course Objectives				
<p>Summarize the tests of fiber, yarn and fabric analysis.</p> <p>Comprehends the procedures for various testing equipments.</p> <p>Analyze various parameters for different textile tests.</p> <p>Handle the testing process of various types of fabrics</p> <p>Consider the Eco standards</p>				
Unit	Core IX Textile Testing		Hours	K Level
I	Terminology of Testing Introduction to testing - terminology of testing - selection of samples for testing standard R H and temperature for testing - measurement of moisture regain conditioning oven - Shirley moisture Meter		12	UptoK5
II	Fiber testing 1. Cotton fiber length - Baer Sorter 2. Fineness - Air flow principle instruments, Sheffield Micronaire 3. Maturity - Caustic Soda swelling 4. Strength - Pressley bundle strength tester, Stelometer 5. Determination of trash and lint in cotton - Shirley trash analyzer		12	UptoK5
III	Yam Testing 1. Yam numbering system - conversion of count from one system to another 2. Instruments for count determination - quadrant balance, Beesley balance 3. Yam strength testing - Principles of CRT, CRL, CRE - Single strength tester, Lea strength tester . 4. Yam twist - Direction of twist, twist multipliers, Twist testers - tension type, A TIRA direct type tester 5. Yam evenness - classification of variation, methods of measuring evenness – black board, ASTM Standards, Uster evenness tester, Uster Standards, Yam faults, classifications, Classimat 6. Yam hairiness and crimp testing		10	UptoK5

IV	Fabric testing 1. Fabric Particulars –length, width, crimp, weight, cover factor 2. Fabric Strength – fabric tensile strength tester, tearing strength tester, hydraulic bursting strength tester 3. Fabric Abrasion – resistance, handle, serviceability, assessment, Martindale abrasion tester 4. Fabric Pilling – I C I Pill box tester 5. Fabric drape –Measurement, Drape meter 6. Fabric Stiffness – Shirley stiffness tester 7. Fabric crease resistance and crease recovery measurements 8. Fabric permeability – Shirley air permeability tester, fabric water permeability tester, Bundersmann tester 9. OMMC test, FTT, Fabric Touch Tester.	10	UptoK5
V	ECO STANDARDS: Need for eco standards – eco labels & norms, Need for Eco testing – testing of formaldehyde- toxicity of dyes and chemicals, discussion of azo testing, organic cotton and certification process. Chemicals to be avoided for eco norms.	8	UptoK5

Book for Study

1) *Textile Testing, Angappan P and Gopalakrishnan R, SSM Institute of textile technology, KomaraPalayam 2002*

Books for Reference

- 1) *Principles of textile Testing, Booth J E, Hoybooks, London (1970).*
- 2) *Marjorie A Taylor, Technology of textile properties, Forbes publications Ltd, London (1972).*
- 3) *Mishra S P and Kesavan B K, Fiber Science, SSM Institute of textile technology, KomaraPalayam. 2014*

Web Resources

1. <https://textilelearner.blogspot.com/2012/02/fiber-fineness-is-measured-by-airflow.html#:~:text=Fiber%20fineness%3A,terms%20of%20average%20linear%20density>
2. <https://textilecourse.blogspot.com/2018/03/yarn-evenness-testing-uster.html>
3. <https://textilestudycenter.com/fabric-tensile-strength-test/>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Experiment the concepts of testing	UptoK5
CO2	Analyze the concepts and principles underlying the tests and its equipment	UptoK5
CO3	Demonstrate various tests	UptoK5
CO4	Demonstrates the tests for the quality of the fiber, yarn and fabric	UptoK5
CO5	Identify the tests for testing various properties of textiles	UptoK5




Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

CLOs	Programme Outcomes						
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	1	2	2	2	2	3	3
CLO 2	1	1	3	2	2	3	3
CLO 3	2	2	2	3	3	3	3
CLO 4	1	2	3	2	2	2	3
CLO 5	2	1	2	3	3	3	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Dr.R.Sucharitha	 Dr.R.Sucharitha	 Name & Signature

Head of the Department
Department of Costume Design & Fashion
Hindusthan College of Arts & Science
Behind Nava India
Coimbatore - 641 028)

Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science,
Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
II	DSC	22CDP11	Core X Practical V- Advanced Garment Designing and Construction	2	5	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives

1. Develop an understanding of special needs of garment for an individual.
2. Create garment styles with special features to suit the need.
3. Create custom made garments for various events.
4. Develop garments for special occasion.
5. Acquire knowledge on designing garments for physically challenged and patients.

Experiment No	Core X Practical V- Advanced Garment Designing and Construction	Hours	K Level
1	Designing 3garments using the following features a) Gathers–in sleeve(or)Skirt(or)yoke etc., b) Flare-in sleeve(or)Skirt(or)yoke etc., c) Pleats-in sleeve(or)Skirt(or)yoke etc.,	15	UptoK5
2	Designingandconstructing2men’sshirtusingtextile printing.(Ex:Line,Shape,Colour)	10	UptoK5
3	Designing garments for a) Pregnant women Visually challenged/Physically disabled /(or)any theatre	10	UptoK5
4	Design garment for a character in a drama	10	UptoK5
5	DesigninggarmentforPartywear/Fashionshowandprepare aportfolioforthesame.	10	UptoK5
6	Design a garment using Technical textiles	10	UptoK5

Books for Reference

- 1) *Dressmaking: The Complete Step by Step Guide to Making Your Own Clothes*, Alison Smith, DK Publishing, 2012
- 2) *Tailoring Basics, Teach Yourself Dress Design, Cutting, and Sewing (Color)*, Nadia Fahim El-hewie, CreateSpace Independent Publishing Platform, 2012.

Web Resources

1. <http://textilefocus.com/maternity-clothing-comprehensive-review/>
2. <https://www.verywellfamily.com/breastfeeding-clothes-what-to-wear-431571>
3. <https://www.youtube.com/watch?v=Y-K6r27Ddlk>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Illustrate the basic garment for specific requirement	UptoK5
CO2	Develop garments with textile printing.	UptoK5
CO3	Create custom made garments for special people like pregnant, women, physically challenged people and patients	UptoK5
CO4	Analyze and assemble garments for special needs.	UptoK5
CO5	Create design and develop garments for special occasions.	UptoK5



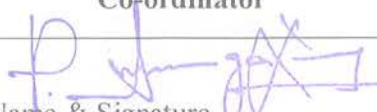
Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

Programme Outcomes							
CLOs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	1	3	1	2	2	3	3
CLO 2	2	1	2	3	2	2	3
CLO 3	1	2	2	2	3	2	3
CLO 4	1	1	1	3	2	3	3
CLO 5	1	2	2	2	2	2	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Mrs. V. Deepa	 Dr. R. Sucharitha	 Name & Signature

Head of the Department
Department of Costume Design & Fashion
Hindusthan College of Arts & Science
Behind Nava India
Coimbatore - 641 028

Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science,
Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
II	DSC	22CDP12	Core XI Practical VI –Textile Testing	2	5	50	50	100

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives			
<ol style="list-style-type: none"> Lists the tests of fiber, yarn and fabric analysis. Comprehends the procedures for various testing equipments. Analyze various parameters for different textile tests. Handle the testing process of various types of fabrics. Evaluation of the garment performance 			
Experiment No	Core XI Practical VI –Textile Testing Perform tests to determine the following physical properties for the given samples	Hours Hours	K Level UptoK5
1	Tensile Strength	6	UptoK5
2	Stiffness	6	UptoK5
3	Abrasion Resistance	6	UptoK5
4	Crease Recovery	6	UptoK5
5	Bursting Strength	6	UptoK5
6	Shrinkage	6	UptoK5
7	Colour Fastness test using crock meter	6	UptoK5
8	Colour Fastness test using perspire meter	6	UptoK5
9	Colour Fastness using Laundro meter/ Wash test	6	UptoK5
10	Drape Meter	6	UptoK5
11	Afield trip to any two testing centres.	5	UptoK5

Books for Reference

- Principles of textile Testing, Booth J E, Hoybooks, London (1970)*
- Technology of textile properties, Marjorie A Taylor, Forbes publications Ltd, London (1972)*
- Textile Testing, Angappan P and Gopalakrishnan R, SSM Institute of textile technology, Komarapalayam 2002*
- Fiber Science, Mishra S P and Kesavan B K, SSM Institute of textile technology, Komarapalayam. 2014*

Web Resources

1. <https://textilelearner.blogspot.com/2012/02/fiber-fineness-is-measured-by-airflow.html#:~:text=Fiber%20fineness%3A,terms%20of%20average%20linear%20density>
2. <https://textilecourse.blogspot.com/2018/03/yarn-evenness-testing-uster.html>
3. <https://textilestudycenter.com/fabric-tensile-strength-test/>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Experiment the concepts of testing	UptoK5
CO2	Analyze the concepts and principles underlying the tests and its equipment	UptoK5
CO3	Demonstrate various tests	UptoK5
CO4	Demonstrates the tests for the quality of the fiber, yarn and fabric	UptoK5
CO5	Identify the tests for testing various properties of textiles	UptoK5

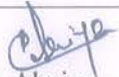


Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

CLOs	Programme Outcomes						
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	1	2	2	2	3	3	3
CLO 2	1	1	1	2	2	2	3
CLO 3	1	2	2	2	3	2	3
CLO 4	1	1	3	3	2	2	3
CLO 5	2	2	2	3	2	3	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Mrs. A. Aksiya	 Dr. R. Sucharitha	 Name & Signature

Head of the Department
Department of Costume Design & Fashion
Hindusthan College of Arts & Science
Behind Nava India
Coimbatore - 641 028

Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science,
Coimbatore-641 028.

DEPARTMENT OF COSTUME DESIGN AND FASHION				CLASS: I M.Sc CDF				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours / Week	CIA	Ext	Total
II	DSC	22CDP13T	Core XII -Beauty and Grooming Techniques (Theory)	2	2	25	25	50
II	DSC	22CDP13P	Core XII -Beauty and Grooming Techniques (Practical VII)	2	3	50	-	50

Nature of Course		
Knowledge and Skill Oriented	Employability Oriented	✓
	Entrepreneurship Oriented	✓
	Skill Development	✓

Course Objectives			
1. Comprehend the basics of Beauty care. 2. Gain knowledge on the equipments used for Beauty care 3. Analyze different skin types and care 4. Acquire knowledge on different types of hair styles and haircuts 5. Grooming for clients on various occasions			
UNIT NO	Core XII - Beauty and Grooming Techniques (Theory)	Hours	K Level
I	Theory: salon etiquette, hygiene and safety. Tools and sterilization, Fire safety.	6	UptoK5
II	Theory: h a i r and scalp –structure of hair, types and care.	6	UptoK5
III	Theory : Problems with hair and scalp	6	UptoK5
IV	Theory: Skin and Skincare, structure and functions, diet, environment, care and cleaning. Nail and Nail care –formation, growth, problems and care.	4	UptoK5
V	Theory: Body care–Posture, weight, exercise, breast care, and body odour.	4	UptoK5

Experiment No	Core XII -Beauty and Grooming Techniques (Practical VII)	Hours	K Level
1	Practical: Threading, Bleaching and Facials.	8	UptoK5
2	Practical: Different types of haircuts–U, V, straight and feather.	8	UptoK5
3	Practical: Different types of Hairstyling	8	UptoK5
4	Practical: Pedicure and Manicure	8	UptoK5
5	Practical: Make-up, Mehendi, and Saree Draping	7	UptoK5

Books for Reference

1. *Green Beauty Recipes: Easy Homemade Recipes to Make Your Own Natural and Organic Skincare, Hair Care, and Body Care Products*, Julie Gabriel, Petite Marie Limited, 2010.
2. *Beauty: The Ultimate Cosmetic Makeover Guide. Book 1: Face and Skin* by Elizabeth M Reed, Published by Quillpen Pty Ltd, 2015.
3. *Skin Deep* by Bee Shapiro. Published by Harry N Abrams, 2017

Web Resources

1. <https://www.youtube.com/watch?v=9xpUtH7S9tl>
2. <https://www.bebeautiful.in/all-things-skin/everyday/steps-to-do-facial-at-home>
3. <https://www.marieclaire.com/beauty/hair/how-to/g2614/10-easy-quick-hairstyles-in-10-seconds/>

Pedagogy :Chalk & Talk, Exercise, Assignments & PPTs.

Rationale for Nature of the Course:

Fashion Journalist, Fashion designer, Entrepreneur

Activities to be given

Field Visit, Internships, Hands on training

Course Learning Outcomes

CLOs	On Completion of the Course, the students should be able to	K - Level
CO1	Explain the science and terms of beauty care.	UptoK5
CO2	Demonstrate the equipment used for various techniques of body care.	UptoK5
CO3	Apply the techniques of grooming skill.	UptoK5
CO4	Apply the techniques of grooming the hair	UptoK5
CO5	Practice grooming of hair and skin on clients for various occasions	UptoK5




Mapping of Course Learning Outcomes (CLOs) with Programme Outcomes (POs)

Programme Outcomes							
CLOs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CLO 1	1	1	2	2	2	3	3
CLO 2	1	2	1	3	2	2	3
CLO 3	2	1	2	2	3	2	3
CLO 4	1	1	1	2	2	2	3
CLO 5	1	2	2	3	2	3	3

3 – Advance Application

2 – Intermediate Level

1 – Basic Level

Course Designed by	Verified by HOD	Approved by CDC Co-ordinator
 Dr.R.Sucharitha	 Dr.R.Sucharitha	 Name & Signature

Head of the Department
 Department of Costume Design & Fashion
 Hindusthan College of Arts & Science
 Behind Nava India
 Coimbatore - 641 028

Co-ordinator
 Curriculum Development Cell
 Hindusthan College of Arts & Science,
 Coimbatore-641 028.