

**CURRICULUM FRAMEWORK AND SYLLABUS  
FOR OUTCOME BASED EDUCATION IN**

**Bachelor of Science (Costume Design & Fashion) Degree Program (B.Sc CDF)**

**FOR THE STUDENTS ADMITTED FROM THE  
ACADEMIC YEAR 2019 – 2020 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/](http://www.hindusthan.net/hicas/)

BOS meeting approved:

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**HINDUSTHAN COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF COSTUME DESIGN & FASHION**

**VISION**

To provide world class education to the students to face global challenges and to inculcate the latest trends in technological advancement. To cater the needs of the environmental and ethical values in the mind of students to become good citizens and entrepreneurs.

**MISSION**

The Mission of the college is to pursue a philosophy of perpetual acquisition of knowledge. The important policy is to provide value based education and to bring out the hidden potentials in students that equip them to approach life with optimism.

**Programme Educational Objectives (PEO)**

**PEO1:** To educate and develop skills on Apparel Designing.

**PEO2:** To train students as Professionals for the Textile & Fashion Industry.

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**PROGRAM OUTCOME (PO):**

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

**PO2:** Develops the skill of Illustrating and Designing Apparel, Accessories and other Textile Related products.

**PO3:** Design Apparels for various needs of the Textile & Fashion Industry

**PO4:** Creates Entrepreneurs in the Textile & Fashion Industry

**PROGRAM SPECIFIC OUTCOME (PSO):**

**PSO1:** Enables the student to be creative in the fashion industry.

**PSO2:** Develops the skill in Designing costumes for cinema, advertising and drama industry.

**PSO3:** Enables students to become Entrepreneur, brand ambassadors in textiles accessories and fashion industry.

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**HINDUSTHAN COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**COIMBATORE – 641028.**

**B.Sc COSTUME DESIGN & FASHION**

**SCHEME OF EXAMINATIONS - CBCS PATTERN**

*(for the students admitted during the academic year 2019-2020 and onwards)*

Course Code	Course Type	Course Title	Lecture Hours / week	Exam Duration (hrs)	IE	EE	Total	Credit Points
<b>Semester – I</b>								
<b>Part – I</b>								
19LAT01 19LAH01 19LAM01 19LAF01	MIL	Tamil - I/ Hindi - I/ Malayalam - I/ French – I	6	3	30	70	100	3
<b>Part – II</b>								
19ENG01	AECC	English – I	6	3	30	70	100	3
<b>Part – III</b>								
19CDU01	DSC	Fabric Science - I	5	3	30	70	100	3
19CDU02	DSC	Fashion Concepts	4	3	30	70	100	3
19CDU03	DSC	<b>Practical I – Fabric Science - I</b>	3	3	40	60	100	3
19CDU04	DSC	<b>Practical II – Basic Surface Embellishment</b>	3	4	40	60	100	3
19CDU05	GE	<b>Practical III – Fashion Concepts</b>	3	3	40	60	100	2
<b>Semester – II</b>								
<b>Part – I</b>								
19LAT02 19LAH02 19LAM02 19LAF02	MIL	Tamil - II/ Hindi - II/ Malayalam - II/ French – II	6	3	30	70	100	3
<b>Part – II</b>								
19ENG02	AECC	English – II	6	3	30	70	100	3
<b>Part – III</b>								
19CDU06	DSC	Basics of Apparel Construction	3	3	30	70	100	3
19CDU07	DSC	Fabric Science – II	4	3	30	70	100	4
19CDU08	DSC	<b>Practical- IV- Basics of Apparel Construction</b>	3	4	40	60	100	2
19CDU09	DSC	<b>Practical-V Development of Apparel Components</b>	3	4	40	60	100	2
19CDU10	GE	<b>Practical VI – Fabric Science II</b>	3	3	40	60	100	2
<b>Part – IV</b>								
19GSU01	AEE	Value Education - Human Rights	2	-	100	-	100	2
<p align="center"><b>Students Should Complete Value Added Courses, Communicative English And Soft Skills at the End of the First Year.</b></p>								

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Semester – III								
Part – III								
19CDU11	DSC	Machineries for Apparel Industries	4	3	30	70	100	4
19CDU12	DSC	Apparel Pattern Making	5	3	30	70	100	3
19CDU13	DSC	<b>Practical - VII</b> Advanced Surface Embellishment	4	3	40	60	100	2
19CDU14	DSC	<b>Practical VIII –</b> Apparel Pattern Making	5	4	40	60	100	3
19CDU15	DSE	<b>Practical IX: Fashion Illustration</b>	4	4	40	60	100	2
19CDU16	GE	<b>Practical X –</b> Apparel Construction -I	6	4	40	60	100	5
Part – IV								
19GSU02	AEE	Environmental Studies	2	-	100	-	100	2
Semester – IV								
Part – III								
19CDU17	DSC	Textile Wet processing	6	3	30	70	100	6
19CDU18	DSC	Apparel Quality Control & Standards	5	3	30	70	100	5
19CDU19	DSC	<b>Practical XI-</b> Garment Draping - I	6	4	40	60	100	4
19CDU20	DSC	<b>Practical XII-</b> Textile wet processing	5	4	40	60	100	3
19CDU21	DSC	<b>Practical XIII –</b> Apparel Construction –II	6	4	40	60	100	5
19CDU22	GE	Industrial Training – Viva Voce	-	-	100	-	100	2
Part – IV								
19GSU03	AEE	Internet Security	2	-	100	-	100	2
Part – V								
19GSU04	AECC	Extension Activity	-	-	100	-	100	2
<b>Students Should Complete Value Added Courses, Online Courses (Or) Participation Certificates For Seminars, Workshops From Other Institutions For Each Semester And Womens Studies / Interdisciplinary at the end of Second Year.</b>								
<b>Extension Activity – means all those activities under NSS/NCC/sports/YRC Programme and other Co and extracurricular activities offered under part V of the programme. Every student shall participate compulsorily for a period of not less than two years (4 semesters) in any one of these programmes.</b>								
Semester – V								
Part – III								
19CDU23	DSC	Textile Finishing Technology	6	3	30	70	100	6
19CDU24	DSC	Application of Textiles in Industries	6	3	30	70	100	6
19CDU25	DSE	<b>Practical XIV - Computer Aided Fashion Designing -I</b>	6	3	40	60	100	3
19CDU26	DSC	<b>Practical XV- Garment Draping-II</b>	6	4	40	60	100	4
19CDU27A	DSE	<b>Practical XVI- Textile Dyeing</b>	6	4	40	60	100	3
19CDU27B		<b>Practical XVI- Fashion Photography</b>						
Part – V								
19GSU05	AEE	General Awareness	-	-	100	-	100	2
19GSU06	AECC	Law of Ethics	-	-	100	-	100	2

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Semester – VI									
Part – III									
19CDU28	DSC	Visual Merchandising	6	3	30	70	100	6	
19CDU29	SEC	Entrepreneurship in Fashion Industry	6	3	30	70	100	6	
19CDU30	DSE	Practical XVII Textile Printing	6	4	40	60	100	3	
19CDU31A	DSE	Practical XVIII – Fashion Rendering	6	3	40	60	100	3	
19CDU31B		Practical XVIII- Beauty Care							
19CDU32	DSE	Project- Fashion Portfolio Presentation	6	-	50	150	200	5	
								3300	140
Students Should Complete Value Added Courses, Online Courses / Entrepreneurship/Startups/ Job Oriented Courses and Placement Training at the end of the Third Year									

No. of Papers	Course Type	Total Credit Points
2	Modern Indian Language ( MIL)	6
4	Ability Enhancement Compulsory Course (AECC)	10
4	Ability Enhancement Elective ( AEE)	8
20	Discipline Specific Course ( DSC)	63
6	Discipline Specific Elective ( DSE)	24
2	Skill Enhancement Course (SEC)	5
4	Generic Elective (GE)	24
	<b>TOTAL</b>	<b>140</b>

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## UG- REGULATION (From 2019-2020 Onwards)

### 1. Internal Marks for all UG

Components	Marks
Test I	5
Test II	5
Model Exam	10
Assignment	5
Attendance*	5
<b>TOTAL</b>	<b>30</b>

### \*Split-up of Attendance Marks for UG

- 75-79 - 1 marks
- 80-84 - 2 marks
- 85-89 - 3 marks
- 90-94 - 4 marks
- 95-100 - 5 marks

### QUESTION PAPER PATTERN FOR I.E TEST I and II

**Duration: Two Hours Maximum: 50 Marks**

#### SECTION - A (6 x 1 = 6 Marks)

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks

Multiple choice/Fill up the blanks /True or False questions

#### SECTION - B (4x 5 = 20 marks)

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks

Either or Type

#### SECTION - C (3x 8 = 24 marks)

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks

Either or Type

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2 a) Components for Practical I.E.

Components	Marks
Test -I	20
Test - II	20
Total	----- 40 =====

2 b) Components for Practical E.E.

Components	Marks
Completion of Experiments	50
Record	5
Viva	5
Total	60

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

Institutional /Industrial Training		Mini Project	Major Project Work	
Components	Marks	Marks	Components	Marks
I.E Work Diary	25	-	I. E a) Attendance 10 Marks	40
Report	50	50	b) Review /	
Viva –voce Examination	25	50	ork Diary* <sup>1</sup> 30 Marks	
Total	100	100	E.E* <sup>2</sup> a) Final Report 40 Marks	60
			b) Viva-voce 20 Marks	
			Total	100

\*<sup>1</sup> Review is for Individual Project and Work Diary is for Group Projects (group consisting of minimum 3 and maximum 5)

\*<sup>2</sup>Evaluation of report and conduct of viva voce will be done jointly by Internal and External examiners

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**4. Components for Value Education (Part IV):**

S. No.	Components	Marks
a)	Attendance 96% and above - 30 marks 91% to 95% - 25 marks 86% to 90% - 20 marks 76% to 85% - 10 marks	30 marks
b)	Participation in group activity	30 marks
c)	Assignment (2 x 10)	20 marks
d)	Test  (1 hr for 20 marks)  2 out of three questions, 10 marks each	20 marks
	<b>Total</b>	<b>100 marks</b>

On completion of the above components students will be remarked as follows:

Range of marks	Equivalent remarks
80 and above	Exemplary
70 – 79	Very good
60 – 69	Good
50 – 59	Fair
40 – 49	Satisfactory
Below 39	Not Satisfactory = Not completed

The passing minimum for this paper is 40%

In case, the candidate fails to secure 40% passing minimum, he / she may have to reappear for the same in the subsequent semesters.

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### 5. Guidelines for Environmental Studies (Part IV)

The paper Environmental Studies is to be treated as 100% IE course which is offered in III Semester for II year UG students. The classes will be handled for two hours per week till the end of the Semester. At least one field trip should be arranged.  
Total Marks for the subject = 100

Components	Marks
Two Test (2 x 30)	60
Field visit and report (10 + 10)	20
Two assignments (2 x 10)	20
Total	100

The question paper pattern is as follows:

Test I – 2 hours [3 out of 5 essay type questions] 3 x 10 = 30 Marks

Test II – 2 hours [3 out of 5 essay type questions] 3 x 10 = 30 Marks

-----  
Total 60 Marks  
-----

The passing minimum for this paper is 40%

In case, the candidate fails to secure 40% passing minimum, he / she may have to reappear for the same in the subsequent semesters.

### 6. Guidelines for Skill based subject - Internet Security (Part IV)

Components	Marks
Two Tests (2 x 40)	80
Two assignments (2 x 10)	20
Total	100

The question paper pattern is as follows:

Test I – 2 hours [4 out of 7 essay type questions] 4 x 10 = 40Marks

Test II – 2 hours [4 out of 7 essay type questions] 4 x 10 = 40 Marks

-----  
Total 80 Marks  
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The passing minimum for this paper is 40%

In case, the candidate fails to secure 40% passing minimum, he / she may have to reappear for the same in the subsequent semesters.

**7. Guidelines for General Awareness (Part IV)**

Components	Marks
Two Tests (2 x 50)	100

The question paper pattern is as follows:

Test I – 2 hours [50 multiple choice questions]      50 x 1 = 50 Marks

Test II – 2 hours [50 multiple choice questions]      50 x 1 = 50 Marks

-----  
Total    100 Marks  
-----

The passing minimum for this paper is 40%. In case, the candidate fails to secure 40% passing minimum, he / she may have to reappear for the same in the subsequent semesters

**8. Guidelines for Law of Ethics (Part V)**

Components	Marks
Two Tests (2 x 50)	100

The question paper pattern is as follows:

Test I – 2 hours [5 out of 8 essay type questions]      5 x 10 = 50 Marks

Test II – 2 hours [5 out of 8 essay type questions]      5 x 10 = 50 Marks

-----  
Total    100 Marks  
-----

The passing minimum for this paper is 40%

In case, the candidate fails to secure 40% passing minimum, he / she may have to reappear for the same in the subsequent semesters.

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### **9. Guidelines for Extension Activity (Part V)**

At least two activities should be conducted within this semester (IV) consisting of two days each.

The activities may be Educating Rural Children, Unemployed Graduates, Self Help Group etc.

The marks may be awarded as follows

No. of Activities	Marks
2 x 50 ( each activity for two days)	100

### **10. QUESTION PAPER PATTERN FOR EE (Part III Theory Papers)**

**Duration: Three Hours**

**Maximum: 70 Marks**

#### **SECTION - A (10x1=10 Marks)**

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks

**Q.No 1 to 10:** (Multiple choice/Fill up the blanks /True or False questions).

(Two questions from each unit)

#### **SECTION - B (5x4=20 Marks)**

Answer **ALL** Question

**ALL** Questions Carry **EQUAL** Marks

**Q.No 11 to 15:** Either or type questions

(One question from each Unit)

#### **SECTION- C (5x8=40 Marks)**

Answer **ALL** Questions

**ALL** Questions carry **EQUAL** Marks

**Q.No 16 to 20:** Either or type questions

(One question from each Unit)

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<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU01	<b>Course Title:</b> FABRIC SCIENCE - I	<b>Batch:</b>	2019-2020 onwards
<b>Hrs/Week:</b>	5		<b>Semester:</b>	I
			<b>Credits:</b>	3

**Course Objective:**

1. To study the different types of fibre, their manufacturing Process and properties
2. To learn the process of fabric formation

**Course Outcomes (CO)**

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	States the qualities of textile fibers	K1
CO2	Classifies and differentiate different types of fibres	K2
CO3	Analyse the methods of producing Textiles	K3
CO4	Explain the process of fabric formation	K4

**Mapping of Outcomes**

PO CO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

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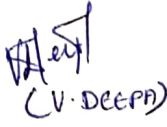

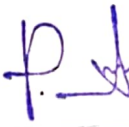

19CDU01	FABRIC SCIENCE -I	I
Unit No.	Topics	Hours
I	<b>Introduction to Natural Fibers:</b> Introduction to the field of textiles classification of fibers – Natural and Manmade – primary and secondary characteristics of textile fibers – Properties & uses of Natural Fibers- Cotton, Linen, Silk, Wool, and other natural fibers Banana, Jute, Pineapple, Hemp.	14
II	<b>Production of Synthetic Fibers:</b> Flow of the Manufacturing process, properties and uses of –man-made fibers – Viscose rayon, Acetate rayon, Nylon, Polyester, and Acrylic.	14
III	<b>Production of Yarns:</b> Spinning – definition, classification- chemical and mechanical spinning – blending, opening, cleaning, doubling, carding, combing, drawing, roving, spinning. Yarn – definition, classification – simple and fancy yarns, sewing threads and its properties.	14
IV	<b>Weaving:</b> Definition for weaving, Handloom-Types & definitions –Pit loom, Raised Pit, Frame Loom, Jacquard, Dobby, Shuttle & Shuttle less looms. Hand Loom - Parts and its function.	9
V	<b>Knitting:</b> Definition ,Introduction, classification & terms of Knitting.	9

**Text Book:**

1. Corbmann B.P, *Textiles –fibre to fabric*, Mc Graw Hill Book company Singapore, International student's edition, 1985.

**Reference Books:**

1. Joseph J Pretal, *Fabric Science*, Fairchild Publications, Newyork 5th edition 1990,.
2. A.K. Roy Choudhury, *Textile preparation and dyeing*, science publishers 2006,.
3. Billie.J.Collier, Phyllis G. Tortora, *Understanding Textile*, Prentice Hall Inc., New Jersey 6<sup>th</sup> Edition, 2001
4. Marjorie A Taylor *Technology of textile properties*, Forbs Publications, London 1972.
5. Mishra S.P. Kesavan B.K., *Fiber Science*, SSM Institute of Textile Technology, Kumarapalayam

Course Designed by	Verified by HOD	Checked by	Approved by
 (V. DEEPA)	 Dr.R.SUCHARITHA Head of the Department		

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<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU02	<b>Course Title:</b> FASHION CONCEPTS	<b>Batch:</b>	2019-2022
<b>Hrs/Week:</b>	4		<b>Semester:</b>	I
			<b>Credits:</b>	3

### Course Objective

1. To study the terms related to Fashion Industry
2. To learn the basics of fashion designing

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO. No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Defines the terms related to fashion industry	K1
CO2	Develop knowledge on the world Fashion centers & Designers	K2
CO3	Applies knowledge on planning wardrobes and design dress for different occasions and events	K3
CO4	Designs dress for Unusual figures	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

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19CDU02	FASHION CONCEPTS	I
Unit No.	Topics	Hours
I	<p><b>Fashion Terms :</b> Terms related to the fashion industry – fashion, style, fad, classic, and collection, chic Custom made , mannequin , fashion , show, trend, forecasting, high fashion, haute couture, couture, couturier, fashion director, fashion editor, line, knock-off avant garde, bridge, buying house, apparel, fashion merchandising, pret – a – porter, sample.</p> <p><b>Fashion Accessories:</b> Accessories and Trimmings, Accessories – definition, classification – Bags, Foot wears, Glasses, Ties, Scarfs, Belts, Hand-Kerchief. Materials used for making accessories – Leather, Jute fabric and other trimmings- Buttons, Applique, Lace, Cord, Zip, Fringes, Tassels.</p>	8
II	<p><b>Fashion cycle &amp; Psychological Factors:</b> Fashion evolution, Fashion cycles , Length of cycles , consumer groups in fashion cycles. Factors influencing fashion changes. Role of costume as a status symbol, Personality and dress, cloths as sex appeal, cultural value, repetition of fashion .</p>	8
III	<p><b>Fashion Designers :</b> Understanding Fashion designer – types – classicist, idealist, influenced, realist, thinking poet. Minimalists- Himanshu and sonali sattar , sangeethe Chopra, Village India- Bhamini Subramaniam, Anju modi, Indira Broker, Madhu Jain. Studio line – Bhairavi jaikishan ,Kishan Mehta ,Ravi Bajaj,Rituberi,Rockys.</p> <p><b>Current popular designers:</b> Tarun Tahiliani, Wendell Rodricks. Manish Malhotra, Sabyasachi Mukarjee, Sathya Pal, Ritu Kumar.</p> <p><b>World fashion centers</b> –France, Italy, America, Fareast. Contributions of well known designers from France, Italy, America, Britain and Fareast Countries.</p>	8
IV	<p><b>Figure irregularities</b> – stout figure, thin figures, Slender figure, broad shoulders, Narrow shoulders, round shoulders, flat bust, Large bust, large Abdomen, large hips. Faces – round, Large, small, broad, chin – Prominent and Jaw, prominent forehead.</p>	12
V	<p><b>Wardrobe planning</b> - Factors to be considered while selecting clothes for different age groups men, women and children occasion &amp; events.</p>	12

**Reference Books:**

1. Mc Jimsey and Harriet, *Art and Fashion in Clothing Selection*, Iowa State University Press, Jowa.
2. Susheela Dantyagi, *Textiles and their Care*, Orient Longman Ltd New Delhi 5th edition,.
3. Gini Stephens Frings, *Fashion From concept to consumer*, prentice Hall publishers, 6th edition,
4. Joene.E. Blair, *Fashion Terminology*, Prentice Hall Publishers, 1992,.

Course Designed by	Verified by HOD	Checked by	Approved by
N. Vidhya N. VIDHYA	R. Sucharitha Dr.R.SUCHARITHA Head of the Department	P. J. [Signature]	[Signature]

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**BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)**

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU03	<b>Course Title:</b> PRACTICAL I - FABRIC SCIENCE - I	<b>Batch:</b>	2019-2022
<b>Hrs/Week:</b>	3		<b>Semester:</b>	I
			<b>Credits:</b>	2

**Course Objective**

1. To identify different types of textile fibres.
2. To learn the testing methods of yarns and fabrics

**Course Outcomes (CO)**

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Learn about the technique to identify textile fibers.	K1
CO2	Understands functioning of machines used for testing textiles	K2
CO3	Tests the yarn and fabric using the testing machines.	K3
CO4	Analyses and identifies different types of Yarns and Fabrics properties	K4

**Mapping of Outcomes**

PO CO	PO1	PO2	PO3	PO4
CO1	M	M	M	M
CO2	M	M	M	M
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

Item No : XXIV

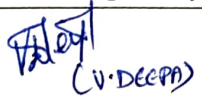

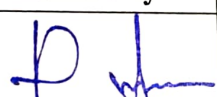
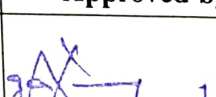
19CDU03	PRACTICAL – I - FABRIC SCIENCE - I	I
Ex: No	Identification of textile fibers	Hours
1.	Fibers- Cotton, Silk, Wool, Nylon, Polyester, Linen, Rayon, Jute.	3
	<b>Testing of Yarns /Fabrics</b>	
2	Determination of Yarn count using Wrap reel	3
3	Determination of Yarn count using Beesleys balance	3
4	Determination of Twist of the yarn using twist tester	3
5	Determining the weight of the fabric.	3
6	Determining the fabric count by a) Raveling method( Woven ) b) Pick Glass method(Woven)	3
7	<b>Colour fastness</b>	
	a)Colour fastness to washing	3
	b)Colour fastness to Rubbing –Dry & wet using Crock meter	3
8	Test for Shrinkage	3
9	Test of Absorbency	3

**Text Book:**

1. Corbmann B.P, *Textiles –fibre to fabric*, Mc Graw Hill Book company Singapore, International student's edition, 1985.

**Reference Books:**

1. Joseph J Pretal, *Fabric Science*, Fairchild Publications, New York 5th edition 1990.
2. A.K. Roy Choudhury, *Textile preparation and dyeing*, science publishers 2006,.
3. Billie.J. Collier, Phyllis G. Tortora, *Understanding Textile*, Prentice Hall Inc., New Jersey 6<sup>th</sup> Edition, 2001
4. Marjorie A Taylor *Technology of textile properties*, Forbs Publications, London 1972.
5. Mishra S.P. Kesavan B.K., *Fiber Science*, SSM Institute of Textile Technology, Kumarapalayam

Course Designed by	Verified by HOD	Checked by	Approved by
 V. Deepa	 Dr. R. SUCHARITHA	 P. J. Srinivas	 Curriculum Development Cell

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

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

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU04	<b>Practical - II – BASIC SURFACE EMBELLSIHMENT</b>	<b>Batch:</b>	2019-2022
<b>Hrs/Week:</b>	3		<b>Semester:</b>	I
			<b>Credits:</b>	2

### Course Objective

1. To learn about different types of tools used for hand embroidery.
2. To prepare and embellish products using various techniques of hand embroidery.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Lists the tools used for embroidery stitching	K1
CO2	Classifies different types of hand embroidery stitches.	K2
CO3	Demonstrate the basic techniques of developing designs with basic hand embroidery stitches.	K3
CO4	Articulate the skill of applying different types of hand embroidery stitches on apparels.	K4

### Mapping of Outcomes

PO \ CO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

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Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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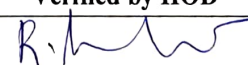
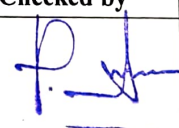
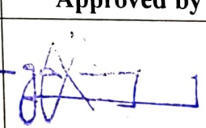
19CDU04	PRACTICALS – II - BASIC SURFACE EMBELLISHMENT	I
Ex: No.	Illustration and construction of samples for the following:	Hours
1	Tools used for Apparel construction and needle work-Illustration only	3
2	Temporary and Permanent Stitches	3
3	Line Stitches: stem stitch, whipped running, Laced Running, Pickenese stitch, straight stitch, seed stitch.	3
4	Filling Stitches: Satin stitch, Long and short stitch, Flat stitch, chain stitch.	8
5	Counting Stitches: cross stitch in matty cloth, Holbein stitch	5
6	Variation stitches: (a)Chain: Lazy Daisy, Fly, Blanket, Feather, Cretan, & other stitches Fishbone & Herring bone (b)Knot Stitch: French and bullion (c)Other stitches – Couching, Faggoting, hem	8

**Text Book:**

1. Mary Mathews, *Practical Clothing Construction – Part I and II*, Cosmic Press, Chennai (1986)

**Reference Books:**

1. Dorling Kindersley *The complete Book Sewing- Limited*, London 1986
2. Tunbridge Wells, *A-Z Embroidery stitches by search press Ltd*, United kingdom, (2015)
3. *The royal school of needle book of embroidery by search press Ltd*, Tunbridge wells united kingdom (2018)
4. Kazuko Aoxi, *The Embroidery Garden*, Published by Shambhala Publicatios Inc, Boston, United States(2015)
5. SmtThangamSubramaniyam, *Dressmaking–BombayTailoring & Embroidery College*, North park street, ambattur.

Course Designed by	Verified by HOD	Checked by	Approved by
N-vidhya N-VIDHYA	R.  Dr.R.SUCHARITHA Head of the Department		 Co-ordinator

Department of Costume Design & Fashion  
Mindusthan College of Arts & Science  
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Coimbatore - 641 028.

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

BOS meeting approved:

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 22.6.2019

Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU05	<b>PRACTICAL III - FASHION CONCEPTS</b>	<b>Batch:</b>	2019-2022
			<b>Semester:</b>	I
<b>Hrs/Week:</b>	3		<b>Credits:</b>	6

### Course Objective:

1. To learn the importance of colours, art elements and principles of design in costume designing.
2. To design garments for figure irregularities.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	On Completion of the course the student will be able to Understand the elements and principles of art.	K1
CO2	To illustrate garment designs based on elements of design	K2
CO3	To sketch garment designs based on principles of deign	K3
CO4	Designs and Develops garments for figure irregularities.	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

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19CDU05	PRACTICALS- III- FASHION CONCEPTS	I
Exercise No	Illustration of the following aspects of art and accessories	Hours
1	Design – Structural and Decorative	2
2	Elements of Design: Line, Shape, Colour, Texture, Size	2
3	Principles of Design: Emphasis, Balance, Proportion, Harmony, Rhythm	6
4	Colour Theory: Prang colour chart, Intensity, Value, Colour Harmony.	10
5	Accessories for Normal & Irregular figures – Bags- Purse, Belts, Watches, Tie, Footwear, Hats, Scarf, Neckwear and other ornaments.	10

**Reference Books:**

1. Mc Jimsey and Harriet, *Art and Fashion in Clothing Selection*, Iowa State University Press, Iowa.
2. Susheela Dantiyagi, *Textiles and their Care*, Orient Longman Ltd New Delhi 5th edition,.
3. Gini Stephens Frings, *Fashion From concept to consumer*, prentice Hall publishers, 6th edition, (1999).
4. Joene.E. Blair, *Fashion Terminology*, Prentice Hall Publishers, 1992,.
5. Emily Angus, *Fashion Dictionary*, Carlton Book Ltd.,2014.

Course Designed by	Verified by HOD	Checked by	Approved by
N-Vidhya N-VIDHYA	R. Sucharitha Dr.R.SUCHARITHA Head of the Department		

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

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

BOS meeting approved:

Date : 22.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU06	<b>Course Title:</b> BASICS OF APPAREL CONSTRUCTION	<b>Batch:</b>	2019-2022
			<b>Semester:</b>	II
<b>Hrs/Week:</b>	3		<b>Credits:</b>	3

### Course Objective:

1. To impart the basic knowledge on stitching and the tools used for apparel construction.
2. To learn about the parts and functions of sewing machines and tools used for garment construction.
3. To learn, understand and develop various types of seams, hems, fullness and plackets

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Learns about the tools and sewing machine used for garment construction.	K1
CO2	Learns about the various seams, finishes, fullness, plackets and terms used in garment construction.	K2
CO3	Develops the knowledge about the construction of various types of seams, finishes, fullness, plackets and terms used in garment construction.	K3
CO4	Designs garments by applying the appropriate seams, finishes, fullness, plackets and terms used in garment construction.	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

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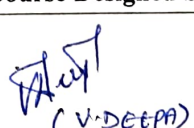
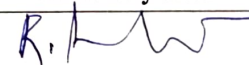

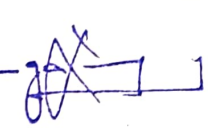
19CDU06	BASICS OF APPAREL CONSTRUCTION	II
Unit No.	Topics	Hours
Unit I	<b>Introduction to Tools used for sewing:</b> Sewing tools used for Basic clothing construction	4
Unit II	<b>Maintenance, Threads and Stitches:</b> Adjustments, Problems & remedies, Care and Maintenance of domestic sewing machine. Different types of thread used in the machine, Classification of stitches.	6
Unit III	<b>Fabric Terms :</b> Grain , Grain Lines, Warp, Weft, Selvedge, Bias, Facing and Binding Fabric Preparation methods.	6
Unit IV	<b>Seams:</b> Definitions, Types & classifications of seams.	10
Unit V	<b>Seam Finishes:</b> Seam Finishes and its types, Hems – types and its construction. Slip stitch, tacking.	10

**Text Book:**

1. Mary Mathews, *Practical Clothing Construction – Part I and II*, (1986) Cosmic Press, Chennai.

**Reference Books:**

1. Dorling Kindersley, *The Complete Book of Sewing*, London
2. *Sewing and Knitting – A Readers Digest, step- by – step guide*, Readers Digest Pvt Ltd, Australia.
3. Coles M Sew, *A complete guide for sewing –Heinemann Professional Publishing*, Singapore.

Course Designed by	Verified by HOD	Checked by	Approved by
 (V-DEEPA)	 Dr.R.SUCHARITHA		

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.

BOS meeting approved:

Date : 22.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU07	<b>Course Title:</b> FABRIC SCIENCE - II	<b>Batch:</b>	2019-2022
<b>Hrs/Week:</b>	4		<b>Semester:</b>	II
			<b>Credits:</b>	3

### Course Objective:

1. To learn the elements of woven design
2. To study the different types of weaves and nonwovens.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Learns about the elements of various woven designs and nonwovens.	K1
CO2	Recognizes different types of weaves.	K2
CO3	Identifies and draws the design, draft and develop peg plan for different types of weaves.	K3
CO4	Identifies different types of weaves in a fabric.	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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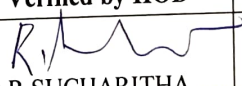

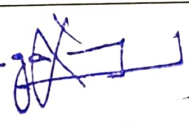
19CDU07	FABRIC SCIENCE - II	II
Unit No.	Topics	Hours
Unit I	<b>Elements of Woven Design:</b> Elements of woven design, Methods of fabric representation, draft and lifting plan, construction of elementary weaves – plain, warp rib, weft rib, twill, modification of twills, satin and sateen weaves – their derivatives.	8
Unit II	<b>Types of Weaves:</b> Ordinary and Brighton honey comb, its modification, huck a back and its modifications, crepe weaves, mock leno. Extra warp and extra weft figuring – single and two colours, planting, backed fabric, warp and weft backed fabrics.	10
Unit III	<b>Pile Fabric:</b> Pile fabric – Formation of pile – weft pile – plain back, twill back – length, density and fastness of pile – corduroy weft plush. Warp pile – Terry pile, with the aid of wires, face to face warp pile.	10
Unit IV	<b>Double cloth:</b> Double cloth –classification, self stitched –face to back, back to face, both. Centre stitched – warp and weft. Interchanging double cloth.	10
Unit V	<b>Non Wovens:</b> Definitions, types of Non-Wovens- felting, fusing, bonding, lamination, netting, braiding and calico, tating and crocheting.	10

**Text Book:**

1. Dr.N.Gokarneshan, *Fabric Structure & Design*, New Age International publishers, Vol:I.
2. Corbmann B.P, *Textiles –fibre to fabric*, International student's edition, Mc Graw Hill Book company Singapore 1985.

**Reference Books:**

1. Grosichkli Z Newness, *Watson's textile design and colour*. Butter worths, London. 1980.
2. Grosichkli Z Newness, *Watson's advanced textile design*, Butter worths, London, 1989.
3. Corbmann B P, *Textiles – fibre to fabric*, Mc Graw Hill book Co, Singapore, International students edition, 1985.

Course Designed by	Verified by HOD	Checked by	Approved by
 N.P. SNEHA MENON	 Dr.R.SUCHARITHA Head of the Department Department of Costume Design & Fashion Mindusthan College of Arts & Science Behind Nava India Coimbatore - 641 028		 Co-ordinator Curriculum Development Cell Mindusthan College of Arts & Science, Coimbatore-641 028.

BOS meeting approved:

Date : 22.6.2019

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Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU08	<b>Course Title:</b> Practical – IV Basics of Apparel Construction	<b>Batch:</b>	2019-2022
			<b>Semester:</b>	II
<b>Hrs/Week:</b>	3		<b>Credits:</b>	3

### Course Objective:

1. To study the terms and techniques used in garment construction
2. To develop the skill of constructing various components in a garment.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Discovers the knowledge on techniques used in Garment formation	K1
CO2	Classifies and differentiate different techniques in construction	K2
CO3	Identifies the suitable techniques for constructing garments.	K3
CO4	Applies various construction techniques for designing garments	K4

### Mapping of Outcomes

PO CO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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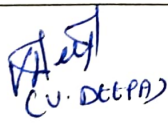
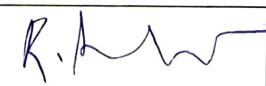

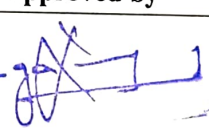
19CDU08	Practical – IV Basics of Apparel Construction	II
Ex: No	Construction of samples for the following:	Hours
1	<b>Seams:</b> Preparation of samples for the following. Different types of seams Plain seam, Top stitched seam, Slot seam, Flat fell seam, French seam, Piped seam.	8
2	<b>Seam finishes:</b> Preparation of samples for the following. Different types of seam finishes – Pinked Finish, Edge stitched finish, Double stitch finish, Overcast finish, Herringbone finished seam, Bound seam edge finish. Hems – Stitched and turned hem, seam binding hem finish, catch stitched hem, Narrow machine stitched hem, Rolled or whipped hem, Shell edged hem, Hem for circular and flared skirts.	10
3	<b>Bias Facing and Binding:</b> Preparation and uses of true Bias, Facings, Method of applying Bias Facing, Applying shaped Facing – inside finish, Applying decorative facing. Binding – Bias binding – Applying single bias binding and applying French binding.	6
4	<b>Fasteners:</b> Fasteners – Conspicuous - Button and button-holes, button loops, shank buttons, eyelets and cords. Inconspicuous-press buttons, hooks and eyes, zips.	3
5	<b>Mending:</b> Darning – Plain weave, hand darn, Darned in patch and machine darning. Patching – hemmed patch, Print patch.	3

**Text Book:**

1. Mary Mathews, *Practical Clothing Construction – Part I and II*, Cosmic Press, Chennai, (1986)

**Reference Books:**

1. Dorling Kindersley *The Complete Book of Sewing*, London, (1986)
2. *Sewing and Knitting – A Readers Digest, step- by – step guide*, Readers Digest Pvt Ltd, Australia.
3. Coles M Sew, *A complete guide for sewing* –Heinemann Professional Publishing, Singapore.

Course Designed by	Verified by HOD	Checked by	Approved by
 CU-DETPA)	 Dr.R.SUCHARITHA 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.	

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU09	<b>Course Title:</b> Practical – V Development of Apparel Components	<b>Batch:</b>	2019-2022
			<b>Semester:</b>	II
<b>Hrs/Week:</b>	3		<b>Credits:</b>	3

### Course Objective:

1. To impart knowledge on the basics of garment construction.
2. To learn the skill of constructing various components of a garment.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Gains knowledge on various aspects of constructing garment.	K1
CO2	Learns the skill of designing various parts of the garments.	K2
CO3	Gains knowledge on the skill of constructing various components of the garment.	K3
CO4	Designs garments for various age groups.	K4

### Mapping of Outcomes

PO CO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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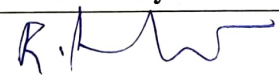
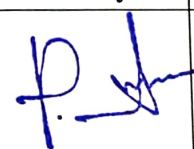
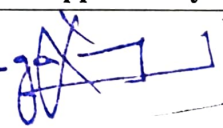
19CDU09	Practical – V Development of Apparel Components	II
Exercise NO	Topics	Hours
1	<b>Basic Fullness</b> Darts – Single Pointed Dart, Double Pointed Dart, Decorative Dart. Tucks – Pin Tuck, Piped or corded tuck, Shell or Scalloped tuck, Cross Tucking, Group tucking with scalloped effect.	10
2	<b>Pleats</b> Pleats – Knife pleats, Box pleats, Inverted Box Pleats, Kick Pleats, Cartridge Pleats, Pinch Pleats and its construction methods.	10
3	<b>Advanced Fullness</b> Fullness- types - Flares, godets, gathers, shirrs frills or ruffles flounces and its construction methods.	4
4	<b>Plackets:</b> Plackets - types – Inconspicuous placket – Continuous bound placket, Bound and faced placket, Zipper Placket, Slot seam Zipper Placket. Conspicuous plackets – Tailored Placket, Bound Neck Opening, Centre Front Opening – Box pleat style and its variation.	4
5	<b>Illustration:</b> Illustration of Sleeves, Collars, Skirts and its Variations	2

**Text Book:**

1. Mary Mathews, *Practical Clothing Construction – Part I*, Cosmic Press, Chennai, (1986)

**Reference Books:**

1. Zarapker. *Zarapker System of Cutting*- K. R, Navneet Publications ltd.
2. Eshwasri Anwahi, *Practical cutting and tailoring part II*, Lakhraj Hans R.B Publications, Delhi.
3. Juvekar *Easy cutting –commercial Tailors Corporation pvt* 166 Dr. Ambedkar Road dadar.

Course Designed by	Verified by HOD	Checked by	Approved by
N. Vidhya N. VIDHYA	 Dr.R.SUCHARITHA 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.

BOS meeting approved:

Date : 22.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU10	<b>Course Title: Practical –VI FABRIC SCIENCE -II</b>	<b>Batch:</b>	2019-2022
			<b>Semester:</b>	II
<b>Hrs/Week:</b>	3		<b>Credits:</b>	6

### Course Objective:

1. To identify the different types weaves.
2. To analyse fabric particulars and properties.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	on completion of the course the student will be able to Draw the design, draft and peg plan of weaves.	K1
CO2	Understands the terms of fabric analysis	K2
CO3	Identify different types of weaves	K3
CO4	Analyses the chemical and mechanical properties of a fabric.	K4

### Mapping of Outcomes

PO \ CO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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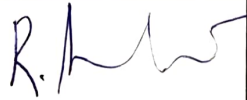



19CDU10	Practical – VI FABRIC SCIENCE -II	II
Ex: No	Topics	Hours
	<b>Identification of Weaves</b>	
1	Plain weave and its derivatives ( Warp rib, Weft rib)	3
2	Twill Weave – Right hand twill and Left hand twill.	3
3	Satin	3
4	Sateen	3
5	Honey comb Weave	3
6	Huck a back Weave	3
7	Extra Warp and Weft Figuring.	3
8	Double cloth.	3
9	Terry pile structures.	3
10	<b>Identification of Different Types of Fabrics :</b> Natural & Manmade fibres	3

**Text Book:**

1. Dr.N.Gokarneshan, *Fabric Structure & Design*, New Age International publishers Volume I.

**Reference Books:**

1. Grosichkli Z Newness, *Watson's textile design and colour*. Butter worths, London, 1980,
2. Grosichkli Z Newness, *Watson's advanced textile design*, Butter worths, London , 1989,
3. corbmann B P *Textiles – fibre to fabric*, Mc Graw Hill book Co, Singapore, International students edition, 1985.

Course Designed by	Verified by HOD	Checked by	Approved by
 Dr. R. SUCHARITHA	 Dr. R. SUCHARITHA		

**Head of the Department**  
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Co-ordinator  
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Coimbatore-641 028.

BOS meeting approved:

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU11	<b>Course Title:</b> –MACHINERIES FOR APPAREL INDUSTRIES	<b>Batch:</b>	2019-2020
			<b>Semester:</b>	III
<b>Hrs/Week:</b>	4		<b>Credits:</b>	3

### Course Objective:

1. To acquaint the students with the types of sewing machine, their application, maintenance, problems and remedies.
2. To understand the functions of various parts of sewing machine and the feeding mechanisms.
3. To impart basic knowledge about methods of spreading, marking, cutting, pressing and the tools and equipments involved

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Students would have gathered knowledge about different types of sewing machineries and its applications.	K1
CO2	They would have Gained knowledge about the various activities involved in garment industry and equipments used.	K2
CO3	Students will gain knowledge on the industrial machines and its applications.	K3
CO4	Will be able to handle the production of the Industrial Machines used for Apparel constructions.	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

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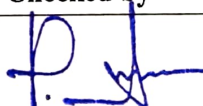
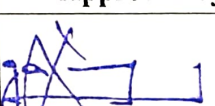
19CDU11	MACHINERIES FOR APPAREL INDUSTRIES	III
Unit No	Topics	Hours
I	<b>SPREADING &amp; MARKING:</b> Types of spread and its quality, spreading equipment and tools used for spreading, spreading methods. Marking methods, positioning marking types of markers, efficiency of a marker plan, requirements of marker planning.	8
II	<b>CUTTING TECHNOLOGY:</b> Cutting technology – definition, function, scope. Cutting equipment and tools , vertical reciprocity cutting machine, rotary cutting machine band knife cutting machine, die cutters.	8
III	<b>SEWING:</b> Sewing Machineries- over lock machine, bar tacking machine, button Hole making machine, button fixing machine, blind stitching Machine, fabric examining machine. Special attachments, care and maintenance, Common problems and remedies. Stitching mechanism- Needles, bobbin and bobbin case, bobbin winding, loops and loop Spreader, upper and lower threading, auxiliary hooks, throat plates, takeups, tension discs- upper and lower thread tension, stitching auxiliaries, pressure foot and its types, Feed mechanisms - drop feed, differential fed, needle feed, compound feed, unison feed, puller feed.	15
IV	<b>PRESSING:</b> Pressing Equipments – purpose, pressing equipments and methods – iron, steam press, steam air finisher, steam tunnel, special types – pleating, permanent press.	7
V	<b>SEWING FEDERAL STANDARDS:</b> Sewing federal standards for stitch and stitch classification, federal standards for seam and seam classification, fabric sewability, Sewing threads- types, essential qualities of a sewing thread, Manufacturing process of a cotton and synthetic threads, twisting process.	10

**Text Book:**

1. *The Technology of Clothing Manufacture – Harold Carr and Barbara Latham, Blackwell Science (1994).*

**Reference Books:**

1. *A complete guide for sewing – Coles M Sew, Heinemann Professional Publishing, Singapore.*
2. *Reader's digest Sewing guide, Complete Guide to Sewing 13th Edition, The Reader's Digest Association Inc, Pleasant Ville.*

Course Designed by	Verified by HOD	Checked by	Approved by
 N.P. SWETHAMEMON	 Dr.R.SUCHARITHA		

**Head of the Department**  
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**Co-ordinator**  
Curriculum Development Cell  
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Coimbatore-641 028.

BOS meeting approved:

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Date : 22.6.2019

Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU12	<b>Course Title:</b> APPAREL PATTERN MAKING	<b>Batch:</b>	2019-2020
			<b>Semester:</b>	III
<b>Hrs/Week:</b>	5		<b>Credits:</b>	4

### Course Objective:

1. To acquaint the students with the importance of taking body measurements and size chart.
2. To gain knowledge about pattern making and grading.
3. To enhance knowledge about preparations of fabric, pattern layout and fitting styles of garments.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Students would have gained knowledge on body measurements and patternmaking and grading techniques	K1
CO2	They would have acquired knowledge on creation of styles, fitting techniques and pattern alteration	K2
CO3	Students will be able to analyse fitting problems in a garment	K3
CO4	Students will be able to solve fitting problems in a garment	K4

### Mapping of Outcomes

PO \ CO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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19CDU12	APPAREL PATTERN MAKING	III
Unit No	Topics	Hours
I	<b>MEASUREMENTS:</b> Importance, preparing for measuring, ladies measurements, children's and men's measurements. Standardizing body measurements – importance, techniques used. Relative length and girth measures in ladies /gentlemen	10
II	<b>PATTERN MAKING METHODS:</b> Pattern making –method of pattern making –Drafting and draping terms, types of paper patterns - drafting and basics of draping.	10
III	<b>PATTERN MAKING:</b> Tools and types used for pattern making. Principles of pattern drafting. Pattern details, steps in drafting basic bodice front and back and sleeve.	10
IV	<b>PATTERN LAYOUT</b> Pattern layout- definition, purpose, rules in layout, types of layouts for length wise stripped designs, fabric with bold design, asymmetric designs, one way designs. Fabric cutting, transferring pattern marking, stay stitching, ease stitching.	10
V	<b>FITTING :</b> Checking, solving, specific fitting problems in a blouse – Steps in preparing a blouse for fitting. Solving fitting problems - Basic Principles, fitting techniques – specific fitting problems and their remedies in a blouse.(Pattern Grading has been shifted to Apparel Pattern Making Practicals)	10

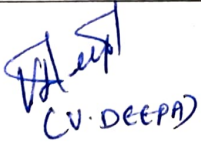

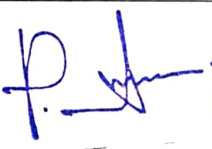
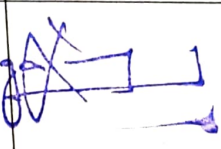
**Text Book:**

1. *Practical clothing construction -part I and part-II Mary Mathews, cosmic press Chennai (1986)*

**Reference Books:**

2. *Pattern Grading for women"s clothing, The technology of sizing –Gerry cooklin, Blackwell Science Ltd (1990)*

3. *Zarapker system of cutting –zarapker. K. r., Navneet publications Ltd.*

Course Designed by	Verified by HOD	Checked by	Approved by
 CV DEEPA	 Dr.R.SUCHARITHA		

Head of the Department  
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BOS meeting approved:

Date : 22.6.2019

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Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU13	<b>Course Title:</b> PRACTICAL –VII ADVANCED SURFACE EMBELLISHMENT		<b>Batch:</b> 2019-2020
				<b>Semester:</b> III
<b>Hrs/Week:</b>	4			<b>Credits:</b> 3

### Course Objective:

1. To Develop the skills in garment embellishment.
2. To prepare embroidery samples.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	To list types of embroideries.	K1
CO2	To develop different hand embroidery and machine embroidery designs.	K2
CO3	To differentiate on different types of traditional embroidery.	K3
CO4	To apply smocking on garments.	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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19CDU13	Practical – VII ADVANCED SURFACE EMBELLISHMENT	III
Unit No	Topics	Hours
I	<b>Traditional Embroidery: Sample Preparation.</b> Kasuthi of Karnataka, Kutch and Kathiawar of Gujarat, Pulkhari of Punjab.	6
II	<b>Traditional Embroidery: Sample Preparation</b> Kantha of Bengal, Chickenkari of Lucknow, Kashida of Kashmir.	6
III	<b>Fabric Painting: Sample Preparation</b> Liquid embroidery and its types	6
IV	<b>Trimmings: Sample Preparation</b> Stone, Crochet, Fringes, Tassels, Sequence, Zardosi	6
V	<b>Fabric Embellishment: Sample Preparation</b> Smocking, Applique, Machine embroidery and its variations	6

**Text Book :**


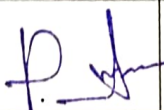

1. Shailaja D. Naik, *Traditional Embroideries of India*, — 1, 1996., A.P.H Publishing Corporation, New Delhi,

**Reference Books:**

1. Jay Diamond and Ellen Diamond, *Fashion, Apparel, Accessories, Home Furnishings*, 2007 Pearson Prentice Hall, New Jersey.,

2. Usha Srikant, *Designs for a lifetime* — 2002, Samata Enterprises, Mumbai.,

3. Anita Tyagi, *Ornamentation and Textile Design*.

Course Designed by	Verified by HOD	Checked by	Approved by
N. Vidhya N. VIDHYA	 Dr.R.SUCHARITHA		

Head of the Department  
Department of Costume Design & Fashion  
Mindusthan College of Arts & Science  
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Mindusthan College of Arts & Science,  
Coimbatore-641 028.

BOS meeting approved:

Date : 22.6.2019

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Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU14	<b>Course Title:</b> PRACTICAL – VIII APPAREL PATTERN MAKING	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	5		<b>Semester:</b>	III
			<b>Credits:</b>	3

### Course Objective:

1. To acquaint the students with the importance of taking body measurements and size chart.
2. To gain knowledge about pattern making and grading.
3. To enhance knowledge about preparations of fabric, pattern layout and fitting styles of garments.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Students would have gained knowledge on body measurements and patternmaking and grading techniques	K1
CO2	They would have acquired knowledge on creation of styles, fitting techniques and pattern alteration	K2
CO3	Students will be able to analyse fitting problems in a garment	K3
CO4	Students will be able to solve fitting problems in a garment	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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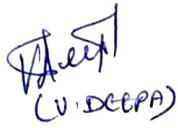

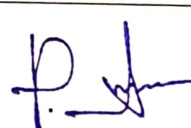
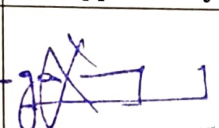
19CDU14	Practical – VIII APPAREL PATTERN MAKING	III
Unit: No	Topics	Hours
I	<b>Preparation of Pattern:</b> Preparation of pattern for the following - Bodice Front, Bodice Back, Sleeve, Collars, Skirts.	5
II	<b>Layouts:</b> Folds – Bold design, Checks and Stripes, Asymmetric designs, one way design, Dove tailing.	5
III	<b>Dart Manipulation Methods I:</b> Styles created by shifting of blouse darts , adding fullness to the bodice.	5
IV	<b>Dart Manipulation Methods II :</b> Converting darts to seam and partial yokes and incorporating darts into seams forming yokes.	8
V	<b>Pattern Grading:</b> Grading of size 32 Pattern to size 34, size 36, size 38, and size 40.	8

**Text Book:**

1. Mary Mathews, *Practical Clothing Construction Part I and Part II* (1986), Chennai.

**Reference Books:**

1. Amaden Gewford, *Fairchild Fashion Draping 2005*, connje publication Inc.,
2. Hilary Campbell, *Designing Patterns, 200*, Om Book services, Newdelhi.
3. Helen Jospheh, *Pattern Making for Fashion Design*, Armstrong Pearson Education, Delhi.

Course Designed by	Verified by HOD	Checked by	Approved by
 V. DEEPA	 Dr.R.SUCHARITHA		

Head of the Department

Department of Costume Design & Fashion  
Mindusthan College of Arts & Science  
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BOS meeting approved:

Date : 22.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU15	<b>Course Title:</b> Practical –IX FASHION ILLUSTRATION	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	4		<b>Semester:</b>	III
			<b>Credits:</b>	2

### Course Objective:

1. To learn and convey the principles that relate to drawing
2. To learn the use of perspective and demonstrate knowledge of basic human proportion and anatomy.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	To illustrate the techniques to enhance visual communication.	K1
CO2	Students will be able to Demonstrate their imagination and creativity in designing.	K2
CO3	Students will be able to express the garment through illustration.	K3
CO4	Student will be able to illustrate the customers design with details.	K4

### Mapping of Outcomes

PO \ CO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

Item No : XXIV

19CDU15	Practical –IX FASHION ILLUSTRATION	III
Unit No	Topics	Hours
I	Human Anatomy- Figure basics, Constant proportions, Shapes and parts of human body. Figure Construction, Skeleton figure, Study of different postures - Head- Face, Eyes, Lips, Nose, Hand - Fingers, Leg - Feet and Toes, Hand and Arms.	8
II	Normal Drawing - Eight head theory. Drawing croqui figures-stick, geometric, flesh- 7 ½, 8 ½ and 10 head figures. Fashion Figure Drawing - Drawing croqui figures-stick, geometric, flesh - 7 ½, 8 ½ and 10 head figures.	6
III	Motif Development – Design Repeat and positioning, Rendering prints and textures with various fabric constructions (wovens, non-wovens and knit)	6
IV	Drawing different Silhouettes and garment components - sleeves, collars, necklines, cuffs, skirts, pants.	6
V	Different postures of male and female figure - ¾ view, back view, side view. Different poses like – S-Pose, X-Pose, and T-pose. Difference between normal and fashion figure. Application of garments on flesh croqui figures.	6


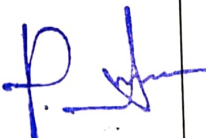
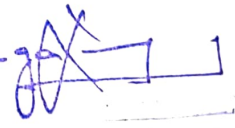
**Text Book:**

1. Gene A. Miller – Macmillan, 1989, *Creating and understanding drawings*, –McGraw – Hill

**Reference Books:**

1. Gene A. Miller – Macmillan, *Art in Focus*, 1989, McGraw – Hill Rathus, *Understanding art* Louis Fichner.

2. Pranath mago *Contemporary art in India* – NBT.India.

Course Designed by	Verified by HOD	Checked by	Approved by
N. Vidhya N. VIDHYA	 Dr. R. SUCHARITHA <b>Head of the Department</b>		 <b>Co-ordinator</b>
<b>Department of Costume Design &amp; Fashion</b> <b>Hindusthan College of Arts &amp; Science</b> Behind Nava India Coimbatore - 641 028		<b>Curriculum Development Cell</b> <b>Hindusthan College of Arts &amp; Science</b> Coimbatore-641 028.	

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU16	<b>Course Title: Practical –IX APPAREL CONSTRUCTION -I</b>	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	III
			<b>Credits:</b>	6

### Course Objective:

1. To familiarize and impart practical training to the students in construction of children's Garment.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Students would have learned the techniques of designing and constructing various styles garments for children	K1
CO2	They would have acquired knowledge on creation of styles, fitting techniques and pattern alteration	K2
CO3	Students would have learned to construct various style garments for children	K3
CO4	Students will be able to construct garments for the requirement of the customer	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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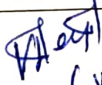
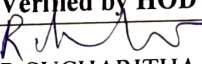
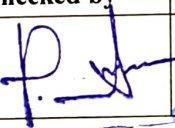
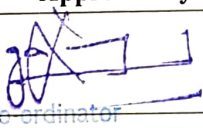
19CDU16	Practical –IX APPAREL CONSTRUCTION -I	III
UNIT NO	Construct the following garments with the following features	Hours
1	<b>Construction of Collars:</b> Peter pan collar (b) Puritan collar (c) Mandarin Collar (d) Shirt Collar <b>Bib</b> – Variation in outline shapes with tying/fasteners/press buttons	7
2	<b>Construction of sleeves:</b> Set – in – sleeves : (a) Plain sleeve (b) Puff Sleeve (c) Bishop Sleeve (d) Bell Sleeve <b>Panty</b> – <b>Bloomer</b> – Elastic at the waist and thigh	7
3	<b>Construction of Skirts:</b> Gathered skirt (b) Flared Skirt (c) Pleated skirt <b>Jabla</b> – (a) with appliqué (b) Decorative bottom hem line. Romper for children	7
4	A-Line petticoat- double pointed dart, neck line and arm hole finished with facing <b>A-Line Frock</b> – with double pointed darts, puff sleeve / Bell sleeve / Plain sleeve with Peter Pan Collar. <b>Baba Suit with Shirt</b> – with mandarin collar, Plain sleeve with neck tied	7
5	Yoke frock with yoke at chest line, with open, puff sleeve, gathered skirt. Yoke frock with Bodice as Yoke with petal sleeve, gathered skirt or circular skirt. <b>Designer skirt and top</b> – Variations of skirt and tops for children	8

**Text Book :**

1) Mary Mathews, *Practical Clothing Construction Designing, Drafting and Tailoring, 1991, Bhattarams Reprographics (P) Ltd., Chennai, Part-II.*

**Reference Books:**

1. *Easy cutting* – Juvekar commercial Tailors Corporation pvt 166 Dr. Ambedkar Road

Course Designed by	Verified by HOD	Checked by	Approved by
 (V. DEEPTI)	 Dr. R. SUCHARITHA Head of the Department		 Co-ordinator

Department of Costume Design & Fashion  
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Coimbatore-641 028.

BOS meeting approved:

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 22.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BGD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU17	<b>Course Title:</b> TEXTILE WET PROCESSING	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	IV
			<b>Credits:</b>	3

### Course Objective:

1. To learn the different processing methods
2. To study the different processing machines

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	To classify different processing methods	K1
CO2	To describe the processing methods	K2
CO3	To evaluate the processed fabrics	K3
CO4	To choose the proper processing methods	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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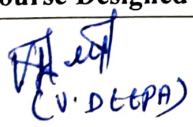
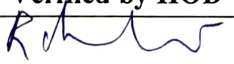
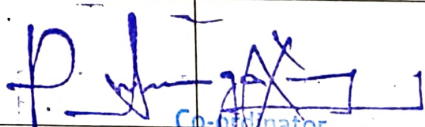
19CDU17	TEXTILE WET PROCESSING	IV
Unit NO	Topics	Hours
Unit I	<b>Processing Sequence:</b> Typical sequence of processes. Object and methods Singeing, Desizing, Scouring, Synthetic Fiber Heat setting, Wool carbonizing, Weighting of silk. Wet processing equipment – kier – J box – pad roll – U box – Roller bed – Conveyor steamer – stenter.	10
Unit II	<b>Mercerization &amp; Bleaching</b> Mercerization – Theory process - Methods – Chemicals – effects. Bleaching – Hypo chlorites – Hydrogen peroxide – sodium chlorite. Equipments and chemicals for bleaching of cotton, viscose, cotton/ viscose Polyester/ cotton. Evaluation of bleached fabric – whiteness – absorbency – chemical damage - residues.	10
Unit III	<b>Dyeing &amp; its Classification</b> Dyeing – Classification of colorants – fastness properties of dyes Dyeing – classification of colorants – fastness properties of dyes. Dyeing machines – fiber, yarn and fabric dyeing machines – loose stock fiber bale – hank package – jigger – winch – HT Beam jet – padding mangles. Garment dyeing machines.	10
Unit IV	<b>Printing</b> Printing styles of printing – direct – discharge – resist styles. Methods of printing – screen printing – automatic screen printing – roller printing – rotary printing – transfer printing. Fixation and after treatment.	10
Unit V	<b>Processing of various fabrics</b> Wet processing of Knitted fabric – scouring – Bleaching dyeing – printing calendaring. Shrink controlling - steaming. Wet processing of polyester, Nylon, silk, wool and their blends.	10

**Text Book:**

Shenai V.A." Technology of textile processing" Vol. III, V,Vii, VII Sevale publications, Bombay 1981.

**Reference Books:**

1. Paters R.H. Textile Chemistry" Vol. I, II Textile institute, Manchester 1970.
2. Lewis D.M. "Wool Dyeing" SDC publications England 1990.

Course Designed by	Verified by HOD	Checked by	Approved by
 C.V. DEEPA	 Dr. R. SUCHARITHA Head of the Department	 Co-ordinator	

Department of Costume Design & Fashion  
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Coimbatore-641 028.

BOS meeting approved:

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Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU18	<b>Course Title:</b> APPAREL QUALITY CONTROL & STANDARDS	<b>Batch:</b>	2019-2020
			<b>Semester:</b>	IV
<b>Hrs/Week:</b>	5		<b>Credits:</b>	3

### Course Objective:

1. To learn the concepts of garment quality control.
2. To study the different quality management systems.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	To define and establish quality standards	K1
CO2	To describe functions of quality control	K2
CO3	To analyse on garment cost and cost control.	K3
CO4	To appraise on different quality management systems.	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

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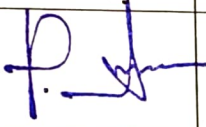

19CDU18	APPAREL QUALITY CONTROL & STANDARDS	IV
Unit No	Topics	Hours
I	Definition and Scope of Quality control – establishing merchandising standards- establishing raw material quality control specifications – quality control of raw material. Establishing Processing quality specification – Training quality control personnel – Quality control inspection procedures for processing- Quality control of finished garments – Quality control for packaging , warehousing and shipping – Statistical quality control - Sampling plans – Industry-wide quality standards .	15
II	Function of production control – Production analysis – Quality specifications – quantitative specifications –Basic production systems – whole garment, departmental whole garment, subassembly systems and progressive bundle systems, Principles for choosing a production system – Evaluating production systems	10
III	Functions of cost control, types of costs and expenses – Apparel manufacturing cost categories – sales cost control, purchasing cost control, production cost control, administration cost control – cost ration policies – the manufacturing budget –cash flow controls – standard cost sheet, break-even – charts.	10
IV	Quality – Evolution of Quality management – Quality function and quality planning – Basic concepts of Total Quality Management (TQM) – Principles of TQM – Quality Trilogy – Four pillars of TQM – PDCA cycle & PDSA cycle – Kaizan concept – 5“S Philosophy – Quality circles.	12
V	Environmental Management System (EMS) – Meaning & Definition – Elements of EMS – Benefits of EMS – Environmental Policies – Implementation of ISO 14000 – study on other management system: SA8000, OHSAS 18000 and WRAP.	10

**Text Book:**

1. Amstrong, "Hand book of Total Quality Management", Jaico Publications, Delhi.

**Reference Books:**

1. Solinger, Jacob, Apparel manufacturing analysis, New York, textiles books, 1961.
2. Solinger, Jacob, Apparel manufacturing hand book, analysis principles and Practice, Columbia media corp, 1988.
3. J.M. Juran, "Quality Control Hand book".
4. Basker S, "Total Quality Management", Anuradha Publications, Kumbakonam.
5. Shridhara Bhat K, "Total Quality Management", Himalaya Publishing Corporation, Delhi.

Course Designed by	Verified by HOD	Checked by	Approved by
 N.P. SWETHA	 Dr.R.SUCHARITHA		

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BOS meeting approved:

Approved in 5<sup>th</sup> Academic Council meeting on :

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Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU19	<b>Course Title: Practical –XI Garment Draping-I</b>	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	IV
			<b>Credits:</b>	3

### Course Objective:

1. To gain basic skill in draping draping.
2. To learn draping techniques of different components of a garments.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	To drape yokes	K1
CO2	To drape collars	K2
CO3	To drape sleeve	K3
CO4	To drape bodice patterns on dress form	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

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Date : 29.6.2019

Item No : XXIV

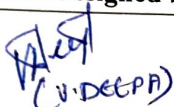
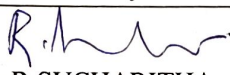
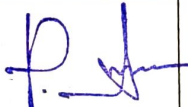

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19CDU19	Practical – XI- GARMENT DRAPING -I	IV
Ex: No	Topics	Hours
1	Basics of draping and dress forms	6
2	Draping basic front and back	5
3	Draping basic sleeve	5
4	Draping basic skirts – pleated, Gathered and Flared	5
5	Draping collars- Peter pan, Mandarin and Shirt Collar	5
6	Draping yokes, Shirt yoke and midriff yoke	5

**Reference Books:**

- 1) Hilde Jaffe, *Draping for Fashion Design*, Pearson prentice Hall, 2012, Fifth Edition.
- 2) Helen Joseph Armstrong, *Draping for Apparel Designing*, Bloomsbury Academic, 2009.
- 3) Martha Gene Shelden, *Design through Draping*, Burgess Pub.,co., , 1974.

Course Designed by	Verified by HOD	Checked by	Approved by
 (U-DEEPA)	 Dr.R.SUCHARITHA		

**Head of the Department**  
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**Co-ordinator**  
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BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU20	<b>Course Title:</b> Practical –XII- TEXTILE WET PROCESSING	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	5		<b>Semester:</b>	IV
			<b>Credits:</b>	3

### Course Objective:

1. To learn the different processing methods.
2. To study the different processing machines

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	To classify different processing methods	K1
CO2	To describe the processing methods	K2
CO3	To evaluate the processed fabrics	K3
CO4	To choose the proper processing methods	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

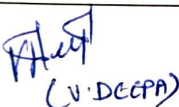
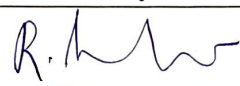
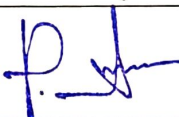
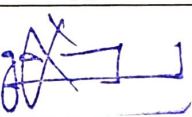
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19CDU20	Practical – XII- TEXTILE WET PROCESSING	IV
UNIT NO	Topics	Hours
1	Desizing – Acid desizing of cotton fabric. Enzymatic Desizing of cotton fabric	6
2	Scouring of cotton fabric. Bleaching – Hydrogen Peroxide of cotton fabric. Hypochlorite Bleaching of cotton fabric	9
3	Mercerization of cotton fabric. Degumming of Silk fiber	6
4	Laundry Blue of cotton fabric. Soap Making - Hot & Cold Process	6
5	Stain Removal – 10 Dry & Wet stains	3

**Reference Books:**

1. Paters R.H. "Textile Chemistry" Vol. I, II Textile institute, Manchester 1970.
2. Lewis D.M. "Wool Dyeing" SDC publications England 1990.
3. Shenai V.A. "Technology of textile processing" Vol. III, V, VII, VIII Sevale publications, Bombay 1981.

Course Designed by	Verified by HOD	Checked by	Approved by
 CV DEEPA	 Dr. R. SUCHARITHA		

**Head of the Department**

**Department of Costume Design & Fashion**  
**Hindusthan College of Arts & Science**  
Behind Nava India  
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**Co-ordinator**  
**Curriculum Development Cell**  
**Hindusthan College of Arts & Science,**  
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BOS meeting approved:

Date : 22.6.2019

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Date : 29.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU21	<b>Course Title: Practical –XIII- Apparel Construction-II</b>	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	IV
			<b>Credits:</b>	3

### Course Objective:

1. To understand the drafting procedures of various women's garments and men's garments.
2. To understand the construction procedures of various women's garments and men's garments.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Students will learn how to draft	K1
CO2	Students will learn the construction procedures of various garments	K2
CO3	Students will learn the pattern alteration techniques	K3
CO4	Students will have the knowledge of applying in various garment industries	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low.

BOS meeting approved:

Date : 22.6.2019

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Date : 29.6.2019

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19CDU21	Practical –XIII- APPAREL CONSTRUCTION-II	IV
Unit No	Construct the following garments with the following features	Hours
I	Design salwar kameez set. A)Kameez  *With decorative plackets in the front.*Side slit *¾ sleeve with slit opening.  B)Salwar  *Patiala Pant/ Butterfly pants	6
II	Circular skirt and Designer top with Princess line. Design a blouse with darts and yoke with sleeve	12
III	Night Coat set – Front open, shawl collar. Boxer Shorts	11
IV	Kurtha and Pyjama.  Full sleeve shirt	10
V	Mens Trousers:  Half or full/Fly open/Waist band/Belt loop	5

**Text Book:**

1. Zarapker System of Cutting- Zarapker. K. R, Navneet Publications Ltd.

Course Designed by	Verified by HOD	Checked by	Approved by
N.Vidhya N.VIDHYA	R. Sucharitha Dr.R.SUCHARITHA		

Head of the Department  
Department of Costume Design & Fashion  
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Co-ordinator  
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Coimbatore-641 028.

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**BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)**

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU22	<b>Course Title:</b> INDUSTRIAL TRAINING – VIVA VOCE	<b>Batch:</b>	2019-2020
			<b>Semester:</b>	IV
<b>Hrs/Week:</b>	-		<b>Credits:</b>	6

**Course Objective:**

1. To gain practical knowledge in the apparel textile and the processing industries.

**Course Outcomes (CO)**

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOME STATEMENT	KNOWLEDGE LEVEL
CO1	Students will have knowledge on various types of fashion industries	K1
CO2	Students will know the details of running and apparel industry	K2
CO3	Students will know about apparel, processing and marketing industry.	K3
CO4	Students would have gained knowledge on the apparel export and will be employable in the same.	K4

**Mapping of Outcomes**

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low.**

BOS meeting approved:

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Date : 29.6.2019

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19CDU22	INDUSTRIAL TRAINING	IV
	Topics	Hours
	Students should go for an observational training in apparel manufacturing industry or dyeing, Printing, wet processing industry during the end of III semester holidays and submit a detail report as per the regulations.	

Course Designed by	Verified by HOD	Checked by	Approved by
N. Vidhya N. VIDHYA	R. Sucharitha Dr.R.SUCHARITHA	P. [Signature]	[Signature]

Head of the Department  
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BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU23	<b>Course Title: – TEXTILE FINISHING TECHNOLOGY</b>	<b>Batch:</b>	<b>2019-2020</b>
<b>Hrs/Week:</b>	6		<b>Semester:</b>	<b>V</b>
			<b>Credits:</b>	<b>4</b>

### Course Objectives:

1. Lists about finishes and its types.
2. Classifies the textile finishes and its methods and applications
3. Categorizes the different special purpose finishes.
4. Appraise latest technology involved in textile finishing

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Learns the importance of textile finishes and its types	K1
CO2	Categorizes different types of finishes	K2
CO3	Analyzes special purpose finish and its application	K3&K4
CO4	Appraises and discovers the recent trends in textile finishing	K1,K2, K3&K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	M	M	S	S
CO2	S	S	M	S
CO3	M	S	S	M
CO4	S	S	S	S

**S - Strong; M-Medium; L-Low**

BOS meeting approved:

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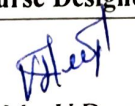
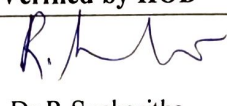
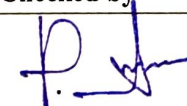
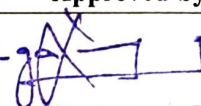
19CDU23	TEXTILE FINISHING TECHNOLOGY	V
Unit No	Topics	Hours
Unit I	<b>Introduction to Textile Finishes</b> Finishing - Introduction to Textile finishes –Definition , Objectives of finishing, Importance of finishing and classification, merits and demerits of finishes.	7
Unit II	<b>Mechanical Finish:</b> Mechanical finishes – methods and applications; Aesthetic finishes: Luster – glazed, moiré, schreiner, embossed; Drape – crisp and transparent, burnt out, sizing, weighting; Texture sheared,brushed,embossed,plisse,pleated,flocked,embroidered,napped,fulled.	16
Unit III	<b>Chemical Finish:</b> Functional finishes – methods and applications –wrinkle free finishes, water repellent finish, flame retardant finish, antistatic finish, and soil release finish, silicone finish, anti bacterial finish, and phase change finishes, rot and mildew proof finish, Special purpose finishes – methods and applications –denim finish – stonewash and enzyme wash; fragrance finish, UV protection finish.	17
Unit IV	<b>Dyeing:</b> Introduction and Definition in latest dyeing methods-Textiles and garments , Latest - Supercritical Fluid Dyeing Technology, Natural dyes, Bio degradable dyes, Azo free dyes, Fiber reactive dyes, Ultra sonic dyeing, Ozone technology.	16
Unit V	<b>Current Trends in Textile finishing:</b> Definition -Application of Nano technology in textiles- Water repellence, U.V Protective finish, Self cleaning fabrics, Antistatic finish, Wrinkle free treatment. Microencapsulation – Definition, Objectives, Structure & Characteristic of Micro encapsules, Application of Micro encapsules in Flame retardant, Medical application, Anti microbial and Fragrance finish. Plasma technology – Definition, Application of plasma technology in Desizing , Water / Soil repellency finishes. Merits and Demerits of Plasma Technology. Aqua finish – Definition.	16

**Text Book:**

1. V.A.Shenai, *Textile Finishing.*

**Reference Books:**

1. Billie J.Collier, Phyllis G.Tortora, *Understanding Textiles, ,Prentice Hall, 6th edition*
2. Sara.J.Kadolph and Anna .L.Langford, *Textiles,2000.*
3. R.S.Prayag, *Textile Finishing.*
3. Textile Finishing by V.A.Shenai.
4. Textile Finishing by R.S.Prayag.
5. Functional Finishes by Lewin And Sello.

Course Designed by	Verified by HOD	Checked by	Approved by
 Mrs. V. Deepa	 Dr. R. Sucharitha Head of the Department		 Co-ordinator

BOS meeting approved:

Date : 22.6.2019

Department of Costume Design & Fashion  
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Coimbatore-641 028.

Approved in 5<sup>th</sup> Academic Council meeting on:  
Coimbatore - 641 028

Date : 29.6.2019

## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU24	<b>Course Title: – APPLICATION OF TEXTILES IN INDUSTRIES</b>	<b>Batch:</b>	2019-2020
			<b>Semester:</b>	V
<b>Hrs/Week:</b>	6		<b>Credits:</b>	2

### Course Objectives:

1. State the current technology in textile application
2. Classify the technical textiles according to its application
3. Analyze about the fibers involved in producing technical textiles
4. Discover the latest trend in smart textiles

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Identifies and states the definition of various technical textiles	K1
CO2	Differentiate and classifies various types of technical textiles	K2 & K3
CO3	Discovers the functions of various technical textiles	K3 & K4
CO4	Appraises and produce various types of technical textiles used in industries	K3 &K4

### Mapping of Outcomes

PO \ CO	PO1	PO2	PO3	PO4
CO1	S	M	S	M
CO2	S	M	S	M
CO3	S	M	S	S
CO4	S	M	S	S

**S - Strong; M-Medium; L-Low**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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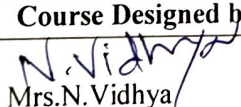
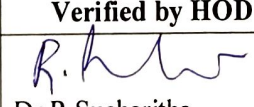
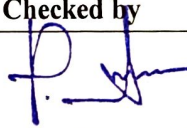

19CDU24	APPLICATION OF TEXTILES IN INDUSTRIES	V
Unit No	Topics	Hours
Unit I	<b>Technical Textiles</b> Introduction, Definition and scope of technical textiles. Classification, functions and properties of technical textiles.	12
Unit II	<b>Fibers</b> Development of technical fibers- Non conventional fibers – Manufacturing process and application process- banana, jute, hemp milk fibers.	15
Unit III	<b>Textile Application:</b> Medical Textiles – Definition – Classification- Requirements of medical textiles, Fibers used in medical textile and products. Agro Textiles - Definition – Classification – Fibers used in Agro textile, recent developments and various products in Agro textile. Geo Textiles – Definition – Types- Basic Properties, Functions, Advantages and Disadvantages and uses.	15
Unit IV	<b>Textile Application:</b> Mobil Textiles – Definition – Fiber used for Mobil tech, Products. Build Textiles - Definition, Applications, Fiber used for Build tech, applications. Oeko tex– Definition	15
Unit V	<b>Smart Textiles</b> Introduction, Definition, types, functions. Uses and applications of Smart textiles and Intelligent Textiles in textile industry.	15

**Text Book:**

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

**Reference Books:**

- 1) N. Gokarneshan, D. Anitha Rachel, *Emerging Research Trends in Medical Textiles*, Springer.
- 2) Roger Chapman, *Smart Textiles for Protection*, Wood head publishing.
- 3) Lieva Van Langenhove, *Smart Textiles for Medicine and Healthcare: Materials, Systems and Applications*, Wood head publishing.
- 4) Roger chapman, *smart Textiles for Protection*, Wood head Publications,.
- 5) *Smart Textiles for medical and health care, materials systems and applications*, Lieva Van Langenhove, Woodhead publications.

Course Designed by	Verified by HOD	Checked by	Approved by
 Mrs.N.Vidhya	 Dr.R.Sucharitha		 Co-ordinator

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

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

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019



## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU25	<b>Course Title: – Practical XIV – COMPUTER AIDED FASHION DESIGNING - I</b>	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	V
			<b>Credits:</b>	4

### Course Objectives:

1. Learns about corel draw and photo shop in textile and fashion industry.
2. Develop skill on computerized designing and techniques for graphic designs.
3. Creates professional designs with computers.
4. Develops garment designs by using various tools and colours in the digital software

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Design motif for children's ,women's and men's garment	K1& K2
CO2	Develop logo and label for industries	K2 & K3
CO3	Develop trendy women's garment using illustration and coral draw.	K3& K4
CO4	Examine the diversified usage of Corel draw and Photoshop	K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	M	S	S
CO2	M	S	S	M
CO3	S	S	M	S
CO4	M	S	M	S

S - Strong; M-Medium; L-Low

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019



19CDU25	Practical XIV - COMPUTER AIDED FASHION DESIGNING -I	V
Unit No	Topics	Hours
1	<b>Ms Word</b> Create a new document, Open, save and print a document, Edit and format text, Change the page layout, background and borders, Insert headers and footers, Insert and edit tables, Insert clip art and pictures to documents, Perform a mail merge, Share and review shared document files. Power Point Presentation	12
2	<b>Ms Excel</b> Organize, sort, and record data, Enter in text and mathematical equations, Keep, track, chart, graph, and compare statistics, Maintain records, Create mathematical equations and functions to accurately keep records and statistics whenever data changes.	10
3	<b>Designing Logos and Labels</b> Create logos for branded companies. Create label for garments / companies. Application of colour harmony in Design. Applications of Principles of design in dress design.	15
4	<b>Children's Garments</b> Jabla- different styles; Frocks- different styles	15
5	<b>Women's Garments</b> Churidhar- different styles ; Full gowns - different styles	10
6	<b>Men's Garments</b> S B vest T- Shirt - different styles; Shirts - different styles	10

### Text Books:

- Jennifer Fulton, Joe Kraynak, *The Big Basics Book of Microsoft Office 97*, Sherry Kinkoph.
- Ray Werner, *First book of corel draw*, Alpha book publishers, 1972.

### Reference Books:

- Sehgal, *Lets log in*, 2006, Dorling Kindersley.
- Jack Nimersheim, *First Book of Microsoft Windows*, 1990, Sams publishers.

Course Designed by	Verified by HOD	Checked by	Approved by
Mrs.N.Vidhya	Dr.R.Sucharitha		

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BOS meeting approved:

Date : 22.6.2019

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Date : 29.6.2019

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**BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)**

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU26	<b>Course Title: – Practical XV- GARMENT DRAPING-II</b>	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	V
			<b>Credits:</b>	5

**Course Objectives:**

1. Observes the basic skills in draping.
2. Discover the advanced preparatory process of body forms and fabrics for draping
3. Discovers the draping techniques for bodice and skirts
4. Explore special techniques for draping intric designs in garments.

**Course Outcomes (CO)**

**On the successful completion of the course, students will be able to**

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Identifies the techniques to drape garment tops	K1 & K2
CO2	Demonstrates the advanced preparatory process of body forms and fabrics for draping	K2, K3& K4
CO3	Demonstrates the draping techniques for bodice and skirts	K2, K3& K4
CO4	Demonstrates special techniques for draping intricate designs in garments	K2, K3& K4

**Mapping of Outcomes**

PO \ CO	PO1	PO2	PO3	PO4
CO1	S	M	S	M
CO2	S	M	S	M
CO3	S	M	S	M
CO4	S	M	S	M

**S - Strong; M-Medium; L-Low**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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19CDU26	PRACTICAL XV- GARMENT DRAPING-II	V
Unit No	Topics	Hours
1	Princess line – Bodice / Bustier with Sweet heart Neckline or Boned bodice.	10
2	Pleated Bodice – Blanced and Imbalanced pleats.	15
3	Bodice with Shawl collar, Bodice with cowl neck line.	15
4	Skirt – Pegged skirt, Godets in gores.	12
5	Cowl skirt – Front and Side cowl.	10
6	Butter fly twist either bodice or sleeve.	10

**Reference Books:**

1. Hilde Jaffe, *Draping for Fashion Design*, Pearson prentice Hall, 2012, Fifth Edition.
2. Helen Joseph Armstrong, *Draping for Apparel Designing*, Bloomsbury Academic, 2009.
3. Martha Gene, *Design through Draping*, Shelden Burgess Pub.,co., , 1974.

Course Designed by	Verified by HOD	Checked by	Approved by
Mrs.V.Deepa	Dr.R.Sucharitha		

**Head of the Department**  
 Department of Costume Design & Fashion  
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**Co-ordinator**  
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 Coimbatore-641 028.

BOS meeting approved:

Date : 22.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU27A	<b>Course Title: –ELECTIVE - PRACTICAL XVI- TEXTILE DYEING</b>	<b>Batch:</b>	2019-2020
			<b>Semester:</b>	V
<b>Hrs/Week:</b>	6		<b>Credits:</b>	3

### Course Objectives:

- 1) Describe different types of dyeing process
- 2) Explain the process of dyeing for different types of dyes
- 3) Dye the fabric using suitable dyes
- 4) Learn the process involved in natural dyeing

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Prepare samples for processing	K1& K2
CO2	Prepares dyeing recipes for different types of dyes	K2,K3 & K4
CO3	Demonstrates the dyeing process of different types of dyes	K2,K3 & K4
CO4	Demonstrates the Mordanting and dyeing of natural dyes	K2,K3 & K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	M	S
CO2	M	S	M	S
CO3	M	S	M	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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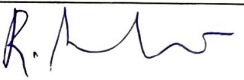
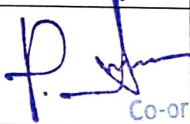
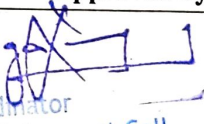


19CDU27A	ELECTIVE - PRACTICAL XVI- TEXTILE DYEING	V
Exercise No	Preparation of Samples for the following	Hours
1	Direct dye	10
2	Reactive dye – Hot brand	8
3	Reactive dye – cold brand	8
4	Acid dye	8
5	Basic dye	8
6	Disperse dye	10
7	Natural dye with various Mordanting techniques. a) Prepare a sample with natural mordant – Premordanting, Simultaneous Mordanting, Post Mordanting b) Prepare a sample with synthetic mordant - Premordanting, Simultaneous Mordanting, Post Mordanting.	20

**Text Books :**

1. Shenai V.A. " Technology of textile processing" 1981, Sevale publications, Bombay. Vol. III, V,VI,VII **Reference Books:**

- Arora.M.G, A Text book of Dyes,1996, Anmol Publications Pvt. Ltd
- H.Panda, Modern Technology of Textiles Dyes and Pigments, 2016, Asia Pacific.
- Neelima, Printing and Washing of Textiles, 2009, Sonali Publications.

Course Designed by	Verified by HOD	Checked by	Approved by
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Coimbatore-641 028.

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU27B	<b>Course Title: – PRACTICAL XVI-FASHION PHOTOGRAPHY</b>	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	V
			<b>Credits:</b>	3

### Course Objectives:

1. Acquire photography skills
2. Understand the effect of lights and its concepts.
3. Relate makeup and photography
4. Analyze the effect of photography on texture of textiles

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Learns about the camera and its functions	K1
CO2	Discovers the effect of indoor and outdoor light	K2 & K3
CO3	Analyzes the effect of light on makeup	K3, K4 & K5
CO4	Analyzes the effect of light on textile texture and ornaments.	K3, K4 & K5

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	M	S	S
CO3	S	M	M	M
CO4	S	S	S	S

S - Strong; M-Medium; L-Low

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

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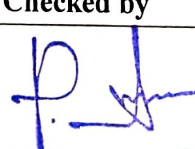

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19CDU27B	PRACTICAL XVI- FASHION PHOTOGRAPHY	V
Unit No	Topics	Hours
1	<b>Camera &amp; Types:</b> Essential parts of a camera. Lenses of different focal lengths – Merits and demerits various accessories and uses. Composition and general principles. Filters different types and uses.	10
2	<b>Different Light Sources and Comparative Study:</b> Quality, Temperature, effects of different light sources and their effects in photography.	10
3	<b>The colour spectrum:</b> Visible colour spectrum, colours –Primary, Secondary and Complementary, colours in photography	10
4	<b>Understanding The Human Body:</b> Importance of certain parts of the body in recording fashion, concepts of body language, fashion – glamour, feelings, emotions.	10
5	<b>Introduction to studio lights and effects:</b> Theory and practical. Measuring light using a flash meters effects. Measuring light using a flash meter.	10
6	<b>Make up:</b> Corrective and glamorous. Its importance and application with specific objectives.	11
7	<b>Different lightings in the studio and effects of lighting with specific purpose:</b> Lighting for different types of photography. Theory and practical on a dummy/model. Importance of background in a studio.	11

### References:

1. Tom Grimm, *The Basic Book of Photography: Fifth Edition.*
2. Luis E Gonzalez, *Fashion photography selling to magazines, 2012.*

Course Designed by	Verified by HOD	Checked by	Approved by
 Dr.R.Sucharitha	 Dr.R.Sucharitha		 Co-ordinator

**Head of the Department**  
Department of Costume Design & Fashion  
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BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU28	<b>Course Title: – VISUAL MERCHANDISING</b>	<b>Batch:</b>	2019-2020
			<b>Semester:</b>	VI
<b>Hrs/Week:</b>	6		<b>Credits:</b>	3

### Course Objectives:

1. Understand the concept of showrooms in retail stores.
2. Study the basic techniques of store planning and mannequin dressing
3. Develop the skill in windows and interior displays.
4. Plans and creates windows and interior displays for successful marketing of various products

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Understands the concepts of visual merchandising	K1
CO2	Comprehends the basic techniques of store planning, displays and merchandising mix.	K2
CO3	Analyzes the merchandise mix for displays of various products	K3 & K4
CO4	Plans and analyzes the merchandise mix for marketing specific products	K3 & K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	M	S	M
CO2	S	M	S	M
CO3	S	M	S	S
CO4	S	M	S	S

**S - Strong; M-Medium; L-Low**

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 29.6.2019

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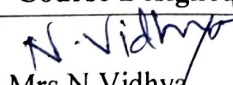
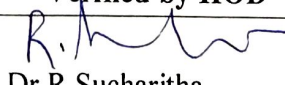
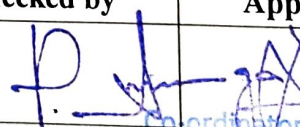
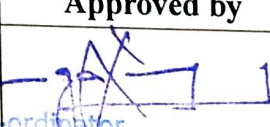
19CDU28	VISUAL MERCHANDISING	VI
Unit No	Topics	Hours
I	Introduction, objective, concepts of Visual Merchandising in garment Industry.	12
II	Management of stores in visual merchandising: Introduction, Objectives, Types of Stores, Location of a Store, Types of retail locations, Planning a Store Layout, Various Types of Store Layouts, Grid layout, Forced-path layout, Free-form layout, Boutique layout, Combined layout, Store Space Allocation, Heads of space allocation in a store, Managing Customer Navigation in a Store.	15
III	<b>Designing stores and displays:</b> Introduction, Objectives, Concept of Store Design and Display, Objectives of store design, Purpose and importance of display, Rules of display planning, Display Settings, Store Design, Exterior of a store, Interior of a store, Window displays, Merchandise Presentation Strategies, Colour blocking, Other techniques of merchandise placement, Physical materials used to support the display, Components of display, Some Useful Display Fixtures, Shelves, Gondolas, Round racks, Four ways, Saccades and fixation, Replenishes, Plano gramming	15
IV	<b>Merchandise and store mix:</b> Introduction, Objectives, Concept of Merchandise Mix, Merchandise line, The Assortment of Products, Assortment strategy, Merchandise Mix of Show Off, Role of a merchandiser, Other Atmospherics in Merchandising, Colour scheme, Lighting. Concept of Image Mix, Elements of Image Mix, Merchandise, Fixtures, Sound/Music, Odour, Visuals, Employees, Elements that Levy Negative Impact on Shoppers, Change of Image, Security Issues	15
V	<b>Potential of Visual merchandising:</b> The Scope growth and challenges of visual merchandising in India	15

**Text Books :**

- 1) Judith Bell and Kate Ternus , Silent Selling.
- 2) Sarah Bailey and Jonathan Baker, Visual Merchandising for Fashion•

**Reference Books:**

- 1) Martin M Pegler, Visual Merchandising and Display

Course Designed by	Verified by HOD	Checked by	Approved by
 Mrs. N. Vidhya	 Dr. R. Sucharitha	 Coordinator	

**Head of the Department**

**Department of Costume Design & Fashion**  
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BOS meeting approved.

Approved in 5<sup>th</sup> Academic Council meeting on :

Date : 22.6.2019

Coimbatore - 641 028

Date : 29.6.2019

## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU29	<b>Course Title: – ENTREPRENUERSHIP IN FASHION INDUSTRY</b>	<b>Batch:</b>	2019-2020
			<b>Semester:</b>	VI
<b>Hrs/Week:</b>	6		<b>Credits:</b>	3

### Course Objectives:

1. Understand the significant functions of entrepreneurship
2. Learn the prospective entrepreneurs to steps in creating a project proposal
3. Discover the institution that supports entrepreneurship.
4. Discover the institution that supports financial services

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Remember the types and functions of entrepreneurship	K1
CO2	Understand about product and prepare a project proposal	K2 & K3
CO3	Distinguish the institutions that supports entrepreneurs	K3 & K4
CO4	Analyze the available incentives and subsidies	K3 & K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	M	S
CO2	M	S	M	S
CO3	M	S	M	M
CO4	S	S	M	S

S - Strong; M-Medium; L-Low

BOS meeting approved:

Date : 22.6.2019

Approved in 5<sup>th</sup> Academic Council meeting on :

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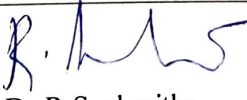

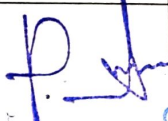
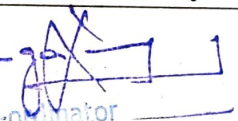
19CDU29	ENTREPRENUERSHIP IN FASHION INDUSTRY	VI
Unit No	Topics	Hours
Unit I	<b>Concepts:</b> Concept of Entrepreneurship: Definition Nature and Characteristics of Entrepreneurship - Functions and types of Entrepreneurship phases of EDP. Development of women Entrepreneur and rural Entrepreneur – including self employment of women council scheme. Ethical, Political, cultural, Regional, Technological an social responsibility-ethics and business decision.	12
Unit II	<b>Project Report:</b> The Start – up process, Project Identification – Selection of the product – Project formulation evaluation – Feasibility Analysis, Project Report. Nature and objectives of business – legal forms of business of ownership – sole trader, partnership, company and co-operative societies –advantages and limitation.	15
Unit III	<b>Entrepreneurship in small business development:</b> Small enterprises and enterprise launching formality, Definition of Small Scale, Rationale, Objectives, scope, role of SSI in economical development of India. Registrations, NoC from pollution board, Machinaries and equipment selection, Project report preparation for SSI, specimen of project report, project planning and scheduling using networking techniques of PERT/CPM. Methods of project appraisal.	15
Unit IV	<b>Institutional Services</b> Incentives and subsidies – Subsidied Services – Subsidy for market. Transport – seed capital assistance – Taxation benefit to SSI – role of Entrepreneur in export promotion and import substitution. Institutional service and finance to Entrepreneur - DIC, SIDO, NSIC, SISI, SSIC, SIDCO, ITCOT, IIC, KUIC	15
Unit V	<b>Financial Services :</b> Financial service to Entrepreneur –and commercial Bank. IFCI, SFC, IDBI, ICICI, TIIC, SIDCS, LIC and GIC, UTI, SIPCOT – SIDBI and commercial Bank venture capitals.	15

### Text Books:

1. Renu Arora and S.K.Sood, *Fundamentals of Entrepreneurship and small Business* .

### Reference Books:

1. C.B. Gupta and N.P. Srinivasan, *Entrepreneurial Development*.
2. S.S.Khanka, *Entrepreneurial Development*.

Course Designed by	Verified by HOD	Checked by	Approved by
 Dr.R.Sucharitha	 Dr.R.Sucharitha		 Co-ordinator

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

**Curriculum Development Cell**  
Mindusthan College of Arts & Science,  
Coimbatore-641 028.

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Date : 22.6.2019

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU30	<b>Course Title: – Practical XVII TEXTILE PRINTING</b>	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	VI
			<b>Credits:</b>	4

### Course Objectives:

1. Understand about printing and dyeing techniques for textiles.
2. Learn different type of printing techniques, tools, equipment and machineries.
3. Prepare the fabric for dyeing and printing
4. Print the fabrics with direct and resist printing methods

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Understand the difference between printing and dyeing	K1
CO2	Discover different types of printing techniques, tools, equipment and machineries	K2
CO3	Demonstrate the fabric preparation for dyeing and printing.	K3 & K4
CO4	Develops different types of prints on textiles.	K3 & K4

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	M	S	S	S
CO2	M	S	M	S
CO3	M	M	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low

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19CDU30	Practical XVII TEXTILE PRINTING	VI
Exercise No	Topics	Hours
1	<b>Block</b> a) Wooden b) Vegetable	10
2	<b>Screen printing</b>	10
3	<b>Stencil</b> a) Spraying techniques b) Sponging techniques c) Painting techniques	15
4	<b>Batik - Any 3 methods</b>	10
5	<b>Tie &amp; dye</b> a) Tying techniques b) Knotting techniques c) Folding techniques	15
6	<b>Fabric Painting</b> Different tones and strokes, traditional Painting - Kalamkari	6
7	<b>Traditional Painting</b> Any two painting	6

**Reference Books:**

1. Anita Tyagi, Textile designs –Dyeing and pattern making for fashion.
2. Seema Kapoor, Dyeing of textile Material.

Course Designed by	Verified by HOD	Checked by	Approved by
N. Vidhya Mrs.N.Vidhya	R. Sucharitha Dr.R.Sucharitha	P. [Signature]	[Signature] Co-ordinator

Head of the Department

Curriculum Development Cell

Department of Costume Design & Fashion

Hindusthan College of Arts & Science,

BOS meeting approved

Hindusthan College of Arts & Science

Coimbatore-641 028.

Approved in 5<sup>th</sup> Academic Council meeting on :

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Coimbatore - 641 028

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science ( Costume Design & Fashion)		
<b>Course Code:</b>	19CDU31A	<b>Course Title: – PRACTICAL XVIII – FASHION RENDERING</b>	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	VI
			<b>Credits:</b>	4

### Course Objectives:

1. Understand the basic knowledge on the art of illustration
2. Develop skill on interpreting design ideas through illustration
3. Illustrate about the different types of fabric textures
4. Creates Illustrations for different textures of garment design.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Understands different types of textures in fabric	K1
CO2	Develops the skill of the basic techniques in illustrating textures through colour media.	K2 & K3
CO3	Renders smooth, rough and special textures of fabrics.	K3 & K4
CO4	Renders different styles and textures of garments on crockie.	K3 & K4

### Mapping of Outcomes

PO \ CO	PO1	PO2	PO3	PO4
CO1	S	S	M	S
CO2	S	S	M	S
CO3	S	S	M	S
CO4	S	S	M	S

S - Strong; M-Medium; L-Low

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Unit No	Topics	Hours
19CDU31A	<b>PRACTICAL XVIII – FASHION RENDERING</b>	<b>VI</b>
<b>Unit I</b>	<b>MATERIALS USED FOR RENDERING</b> Colour Mediums – Pencil, Photo Colour Ink, Dry Pastal and Oil Pastal, Water soluble pencils, Crayons and poster colours	12
<b>Unit II</b>	<b>TEXTURE RENDERING</b> Denim, corduroy, Prints	15
<b>Unit III</b>	<b>TEXTURE RENDERING</b> Abstract printed fabric, Printed shiffon, Glamour shiffon, Georgette, Organza, Tule.	15
<b>Unit IV</b>	<b>TEXTURE RENDERING</b> Silk, Brocadesilk, velvette, knitted wool, Flannel, Leather, Feather, fur.	15
<b>Unit V</b>	<b>TEXTURE RENDERING</b> Embossed Leather, Voile, Linen, Jute, Crepe, Quilting, Lace, Glazed cotton embroidery, Towels.	15

**Reference Books:**

- 1) *Fashion design and drawing presentation, Ireland Patrick John.*
- 2) *Foundation in fashion design and Illustration, Julian Seaman.*
- 3) *Fashion Sketch Book, Fairchild publications, Newyork.*

Course Designed by	Verified by HOD	Checked by	Approved by
 Dr.R.Sucharitha	 Dr.R.Sucharitha		

Head of the Department  
 Department of Costume Design & Fashion  
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 Behind Nava India  
 Coimbatore - 641 028.

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

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## BACHELOR OF SCIENCE (COSTUME DESIGN & FASHION)

<b>Programme Code:</b>	BCD	<b>Programme Title:</b> Bachelor of Science (Costume Design & Fashion)		
<b>Course Code:</b>	19CDU31B	<b>Course Title:</b> – Practical XVIII- BEAUTY CARE	<b>Batch:</b>	2019-2020
<b>Hrs/Week:</b>	6		<b>Semester:</b>	VI
			<b>Credits:</b>	4

### Course Objectives:

1. Defines grooming and related to beauty care
2. Learns various personal grooming techniques
3. Demonstrates various techniques of grooming
4. Demonstrates techniques on hair, skin care and makeup techniques.

### Course Outcomes (CO)

On the successful completion of the course, students will be able to

CO No.	COURSE OUTCOMES	BLOOMS LEVEL
CO1	Comprehends the grooming techniques	K1
CO2	Demonstrates various basic personal grooming techniques	K2, K3
CO3	Demonstrates various techniques of grooming	K3, K4 & K5
CO4	Demonstrates techniques on hair, skin care and makeup techniques	K3, K4 & K5

### Mapping of Outcomes

CO \ PO	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

S - Strong; M-Medium; L-Low

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19CDU31B	Practical XVIII- BEAUTY CARE	VI
Unit No	Topics	Hours
1	Threading	8
2	Cream bleaching	8
3	Manicure	8
4	Pedicure	8
5	Facial –Normal skin	8
6	Basic Hair styles	10
7	Basic hair cuts	5
8	Mehandhi application	7
9	Bridal make up	10

Course Designed by	Verified by HOD	Checked by	Approved by
 Dr.R.Sucharitha	 Dr.R.Sucharitha Head of the Department	 P. S. Srinivas Co-ordinator	

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