

# **DEPARTMENT OF COSTUME DESIGN AND FASHION**

## **NEHRU ARTS AND SCIENCE COLLEGE**

(An Autonomous Institution affiliated to Bharathiar University)  
(Reaccredited with “A” Grade by NAAC, ISO 9001:2015 & 14001:2004 Certified  
Recognized by UGC with 2(f) & 12(B), Under Star College Scheme by DBT, Govt. of India)  
Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.

### **B. Sc. COSTUME DESIGN AND FASHION**

### **SYLLABUS**



**EFFECTIVE FROM 2022-2023**



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 Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.



## B. Sc. COSTUME DESIGN AND FASHION

### Scheme of Examination (Two Semester Language Pattern)

(Applicable to the students admitted during the year 2022-2023 onwards)

Semester	Part	Sub. Code	Name of the Subject	Instruction hours / week	Duration of Examination	Examination Marks			Credits
						CA	ESE	Total	
I	I	21U1TAM101/ 21U1HIN101 / 21U1MAL101/ 21U1FRN101	Language I	5	3	50	50	100	4
	II	21U2ENG101	English I	5	3	50	50	100	4
	III	22U3CDC101	Core Paper I – Basics of Pattern Making	4	3	50	50	100	4
		22U3CDC102	Core Paper II – Textile Science	4	3	50	50	100	4
		22U3CDP103	Core Paper III - Apparel Designing Practical	5	3	50	50	100	4
		22U3CDR101	Allied I – Fashion Design and Illustration Practical	4	3	50	50	100	4
	IV	21U4ENV101	**Ability Enhancement Compulsory Course Environmental Studies	2	3	50	-	50	2
IV	21U4HVY201	Human Excellence- Human Values and Yoga Practice I	1	-	-	-	-	-	
				<b>30</b>				<b>650</b>	<b>26</b>
II	I	21U1TAM202/ 21U1HIN202/ 21U1MAL202/ 21U1FRN202	Language II	5	3	50	50	100	4
	II	21U2ENG202	English II	5	3	50	50	100	4
	III	21U3CDC204	Core Paper IV – Fashion Designing	5	3	30	45	75	3
		21U3CDP205	Core Paper V – Surface Enrichment Practical	3	3	30	45	75	3
		21U3CDP206	Core Paper VI – Children's Apparel Practical	5	4	30	45	75	3
		22U3CDA202	Allied II – Apparel Machineries	4	3	50	50	100	4
	IV	21U4HRC202	** Ability Enhancement Compulsory Course Human Rights and Constitution of India	2	3	50	-	50	2
IV	21U4HVY201	Human Excellence- Human Values and Yoga Practice I	1	2	50	-	50	2	
				<b>30</b>				<b>625</b>	<b>25</b>
III	III	21U3CDC307	Core Paper VII - Textile Processing	5	3	30	45	75	3
		21U3CDC308	Core Paper VIII – Woven and Nonwovens	4	3	30	45	75	3
		21U3CDC309	Core paper IX – Traditional Costumes and Textiles of India	4	3	30	45	75	3
		21U3CDP310	Core Paper X - Women's Apparel Practical	5	4	30	45	75	3

	III	21U3CDR303	Allied III – Advanced Fashion Sketching Practical	4	3	50	50	100	4
	IV	21U4CDZ301	Skill Based Paper I - Basic Draping Practical	3	3	30	45	75	3
	IV	21U4NM3BT1 / 21U4NM3AT1 / 21U4NM3CAF / 21U4NM3GTS / 21U4NM3WRT	# @Basic Tamil - I / ##Advanced Tamil- I / * NME: Consumer Affairs / Gandhian Thoughts / Women's Rights	2	2	50		50	2
	IV	21U4CD3ED1 / 21U4CD3ED2	Extra Departmental Course	2	-	-	50	50	2
	IV	21U4HVVY402	Value Education- Human Values and Yoga Practice II	1	-	-	-	-	-
	IV	21U4CDVALC	**Skill Enhancement- Add on Course – Institute Industry Linkage	-	-	-	-	-	-
				<b>30</b>				<b>575</b>	<b>23</b>
IV	III	21U3CDC411	Core Paper XI – Knitting Technology	4	3	30	45	75	3
		21U3CDC412	Core Paper XII- Textile Dyeing and Printing	4	3	30	45	75	3
		21U3CDP413	Core Paper XIII- Men's Apparel Practical	5	4	50	50	100	4
		21U3CDP414	Core Paper XIV - Textile Testing and Fabric Analysis Practical	3	3	30	45	75	3
		21U3CDP415	Core Paper XV - Textile Dyeing and Printing Practical	3	3	30	45	75	3
		21U3CDA404	Allied IV- Organization of Garment Unit	4	3	50	50	100	4
	IV	21U4CDZ402	Skill Based Paper II- Computer Aided Designing I Practical	4	3	30	45	75	3
	IV	21U4NM4BT2 / 21U4NM4AT2 / 21U4NM4GEN	# @Basic Tamil- II / ##Advanced Tamil- II / General Awareness	2	2	50		50	2
	IV	21U4HVVY402	Value Education - Human Values and Yoga Practice II	1	2	50	-	50	2
	IV	21U4CDVALC	**Skill Enhancement Add on Course – Institute Industry Linkage	-	-	-	-	-	Gr ade
				<b>30</b>				<b>675</b>	<b>27</b>
V		15 days Internship in any Textile Processing Unit During May		Certificate Submission					
	III	21U3CDC516	Core Paper XVI – Technical Textiles	4	3	50	50	100	4
		21U3CDC517	Core Paper XVII– Apparel Quality Control	4	3	30	45	75	3
		21U3CDC518	Core Paper XVIII - Fashion Marketing and Merchandising	4	3	30	45	75	3
		21U3CDP519	Core Paper XIX- Home Textiles Practical	4	3	30	45	75	3
		21U3CDP520	Core Paper XX - Fashion Portfolio Presentation (Project & viva voce)	4	-	30	45	75	3
		21U3CDE501/ 21U3CDE502/ 21U3CDE503	Discipline Specific Elective I	5	3	50	50	100	4
IV	21U4CD Z503	Skill Based Paper III - Computer Aided Designing II Practical	5	3	30	45	75	3	
				<b>30</b>				<b>575</b>	<b>23</b>
VI	III	21U3CDC621	Core Paper XXI – Visual Merchandising and Display	5	3	30	45	75	3
		21U3CDV622	Project and Viva Voce	10	-	50	50	100	4
		21U3CDY604/ 21U3CDY605/ 21U3CDY606	Discipline Specific Elective II	5	3	50	50	100	4
		21U3CDE607/ 21U3CDE608/ 21U3CDE609	Discipline Specific Elective III	5	3	50	50	100	4

	IV	21U4CDS604	Skill Based Paper IV – Fabric Care	5	3	30	45	75	3	
	V	21U5EXT601	Extension Activities	-	-	50	-	50	2	
				<b>30</b>				<b>500</b>	<b>20</b>	
Total								<b>3600</b>	<b>144</b>	
Additional Credit (Optional)		Semester II - VI								8s

# **Basic Tamil** -Students who have not studied Tamil upto 12th standard.

##**Advance Tamil** – Students who have studied Tamil language upto 12th standard and chosen other languages under part I of the programme but would like to advance their Tamil language skills.

\* **NME** – Student shall choose any one course out of three courses.

@ No End Semester Examinations. Only Continuous Internal Assessment (CIA)

\$ - Not included in Total marks & CGPA Calculation

**List of Elective papers (Choose any one of the paper)**

Elective	Subject Code		Name of the Subject
Discipline Specific Elective – I	21U3CDE501	A	Fashion Photography
	21U3CDE502	B	Fashion Communication
	21U3CDE503	C	Export Marketing and Documentation
Discipline Specific Elective – II	21U3CDY604	A	Fashion Accessory Designing Practical
	21U3CDY605	B	Fabric Craft Practical
	21U3CDY606	C	Traditional Painting Practical
Discipline Specific Elective - III	21U3CDE607	A	Research Methodology and Statistics
	21U3CDE608	B	Color Forecasting
	21U3CDE609	C	Event Management

**Extra Departmental Course offered by the Department to other Department Students**

S.No.	Subject Code	Name of the Subject
1	21U4CD3ED1	Accessory Designing Practical
2	21U4CD3ED2	Basic Hand Embroidery Practical

**Self Study Paper offered by Costume Design and Fashion Department**

S. No.	Semester	Course code	Course Title
1	Semester II to V	21UCDSS01	Cosmetology
2		21UCDSS02	Art of Indian Painting

  
27/8/2022

**BoS - Chairman**  
**Costume Design and Fashion**  
Nehru Arts and Science College (Autonomous)  
Thirumalayampalayam, Coimbatore - 641 105.

**Chairman**  
**Board of Studies in Costume Design and**  
**Fashion Nehru Arts and Science College**  
**Coimbatore**

Course Code	Title		
22U3CDC101	Core Paper I – Basics of Pattern Making		
Semester: I	Credits: 4	CIA: 50 Marks	ESE: 50 Marks
Course Objective	To introduce the concepts associated with the understanding of Body Measurement Techniques, types of Pattern Making and Grading		
Course Category	Skill Development, Employability, Entrepreneurship		
Development Needs	Global		
Course Description	The course teaches body analysis, taking body measurement, garment fitting, block creation for individual measurements and using basic pattern to create different patterns.		
Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Define and relate the body measurement for pattern making and grading	Demonstration / Flipped Classroom	Assignment
CO 2	Develop basic patterns	Constructivism	Seminar
CO 3	Analyze the pattern making concepts and alterations.	Demonstration and Video Lessons	Case Study
CO 4	Compare and examine the different patterns and fit	Anthropometric study	Market Survey
CO 5	Evaluate pattern efficiency through pattern layout	Class Project	Exhibition
Offered by	Costume Design and Fashion		
Course Content		Instructional Hours / Week : 4	
Unit	Description	Text Book	Chapters
I	<b>Pattern Making Tools</b> – Shears, tapes, red and blue pencil, grain line and terminologies. <b>Body measurements</b> Importance, body measurements- Infant, boys, Ladies and men’s. Standardizing body measurements – importance, techniques used. Relative length and girth measures in ladies / men. Preparation of fabric for cutting –importance of grain in cutting and construction, steps in preparing the fabric for cutting.	1	1,3
		2	2
<b>Instructional Hours</b>			12
<b>Suggested Learning Methods : Visual and Auditory Learning</b>			<b>02 Hrs</b>
II	<b>Method of pattern making</b> Drafting and draping, Principles, merits and demerits. Types of paper patterns. Patterns for personal measurements and commercial patterns. Ethics of pattern drafting. Pattern details, marking symbols, steps in drafting basic bodice front and back and sleeve. Pivot and slash method.	1, 3	3,5,6
<b>Instructional Hours</b>			12
<b>Suggested Learning Methods : Skill Based Learning</b>			<b>02 Hrs</b>

III	<b>Methods of Pattern making</b> Flat pattern techniques- slash and spread, pivot and measurement method for shifting darts, dividing darts, combining darts and adding extra fullness to the patterns. Fitting - Standards of a good fit, steps in preparing a blouse for fitting, checking the fit of a blouse, solving fitting problems in a blouse, fitting techniques.		1	5, 6									
	<b>Instructional Hours</b>			12									
<b>Suggested Learning Methods : Kinaesthetic learning</b>				<b>02 Hrs</b>									
IV	<b>Pattern layout</b> Definition, purpose, rules in layout, types of layouts for lengthwise striped designs, fabric with bold design, asymmetric designs, and one way designs. Layout for insufficient cloth. Fabrics cutting - Manual and industrial methods to cut fabrics, transferring pattern marking, stay stitching and ease stitching.		1	8									
	<b>Instructional Hours</b>												
<b>Suggested Learning Methods : Project Based Learning</b>				<b>02 Hrs</b>									
V	<b>Pattern Alteration and Grading</b> <b>Pattern alteration</b> – importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse. <b>Pattern grading</b> – definition, types, manual and computerized. Basic bodice - front and back, sleeve, collar, and skirt.		1	6,7									
	<b>Instructional Hours</b>			12									
<b>Suggested Learning Methods : DIY Activities</b>				<b>02 Hrs</b>									
<b>Total Hours</b>				<b>60 Hrs</b>									
<b>Text Books</b>	1. Mary Mathews, <b>Practical Construction- Part-I and II</b> , Cosmic press Chennai, 1986. 2. Premlata Mullick, <b>Garment Construction and Skills</b> , First edition, Kalyani publishers-Ludhiana												
<b>Reference Books</b>	<b>The Complete Book of Sewing</b> – Dorling Kindersley Limited, London, 1986.												
<b>Web. URLs</b>	<a href="https://www.fiber2fashion.com/5658/basics-of-pattern-making.html">https://www.fiber2fashion.com/5658/basics-of-pattern-making.html</a>												
<b>Tools for Assessment (50 Marks)</b>													
<b>CIA I</b>	<b>CIA II</b>	<b>CIA III</b>	<b>Seminar</b>	<b>Assignment</b>	<b>Case Study</b>	<b>Total</b>							
<b>8</b>	<b>8</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>50</b>							
<b>Mapping</b>													
<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	H	M	H	-	H	L	H	H	M	H	M	L	M
<b>CO2</b>	M	M	H	L	H	L	M	H	H	M	H	M	M
<b>CO3</b>	H	H	H	L	H	L	H	H	H	H	M	M	H
<b>CO4</b>	H	H	H	L	H	L	H	H	H	M	H	M	M
<b>CO5</b>	H	H	H	L	H	L	H	H	H	H	M	M	H
H-High; M-Medium; L-Low													
<b>Course designed by</b>							<b>Verified by</b>						
Name and Department							Name and BoS Chairman SEAL						

Course Code	Title		
22U3CDC102	Core Paper II – Textile Science		
Semester: I	Credits: 4	CIA: 50 Marks	ESE: 50 Marks
Course Objective	To introduce the concepts associated with the understanding of fibers, its uses and manufacturing of various spinning methods.		
Course Category	Skill Development, Employability, Entrepreneurship		
Development Needs	Global		
Course Description	The course gives a comprehensive overview of textile fibres, their production, types, characteristics, spinning into yarns and Industry 4.0		
Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Characterization of fibre and its properties.	Differentiated Instruction	Assignment
CO 2	Apply natural fibres and their end uses	Demonstration	Seminar
CO 3	Analyse various man-made fibres.	Video Lessons	Quiz
CO 4	Contrast different spinning methods	Field Visit	Report
CO 5	Classify Yarn, its count and Twist and Industry 4.0 and its advancement.	Class Projects	Mini Portfolio
Offered by	Costume Design and Fashion		
Course Content		Instructional Hours / Week : 4	
Unit	Description	Text Book	Chapters
I	<b>Fibres</b> - Definition. Classification of fibres: <b>Natural fibres</b> - Vegetable, Animal and Mineral fibres. <b>Manmade fibres</b> - Regenerated cellulosic fibres, Synthetic fibres and Inorganic fibres. Essential and Desirable Properties of Fiber.	2	2
<b>Instructional Hours</b>			12
<b>Suggested Learning Methods : Active Learning</b>			<b>02 Hrs</b>
II	Manufacturing process, Primary and secondary properties, uses of natural fibres – cotton, linen, Jute, hemp, silk, wool, Coir fibers, Sustainable fibers.	2, 3	3,5
<b>Instructional Hours</b>			12
<b>Suggested Learning Methods : Learning by Teaching</b>			<b>02 Hrs</b>
III	Manufacturing process, properties and uses of Man-made fibres – Viscose rayon, acetate rayon, nylon, polyester, and acrylic, lycra, spandex and modal.	2	6, 7
<b>Instructional Hours</b>			12
<b>Suggested Learning Methods : Visual Learning</b>			<b>02 Hrs</b>
IV	Spinning – Definition, Classification – Chemical spinning - Wet spinning, Dry spinning, Melt spinning. Mechanical spinning – Steps - Ginning, Blending, opening, cleaning, doubling, carding, combing, drawing, roving, spinning. Open end Spinning, Friction spinning, Filament yarns - Bicomponent Spinning, Biconstituent Spinning, ICS, Cover Spun	2	9,10
<b>Instructional Hours</b>			12
<b>Suggested Learning Methods : Active Learning</b>			<b>02 Hrs</b>

V	<p><b>Yarn classification</b> – definition, classification – simple and fancy yarns- Cabled, Doubled. Novelty – Slub, Flake, Spiral, Ratine, loop/boucle, Spot, Chenille.</p> <p><b>Yarn Count</b> - Direct system, Indirect system. <b>Yarn Twist</b> –Classification of Twist. <b>Blends</b> – Definition and types.</p> <p>Sewing threads – Classification, Construction of Thread, Thread Size, Thread Selection.</p> <p>Introduction to industry 4.0 – Need – Reasons for Adopting Fashion Industry 4.0- 4.0 Skills require for fashion Industry – Advancement in Industry 4.0 – Impact of Industry 4.0 on society, Business, Government and people – Introduction to 5.0</p>										2,3,4	11, 9	
<b>Instructional Hours</b>											12		
<b>Suggested Learning Methods : Project Based Learning</b>											<b>02 Hrs</b>		
<b>Total Hours</b>											60 Hrs		
<b>Text Books</b>	<ol style="list-style-type: none"> <li>1. Kanwar Varinder Pal Sing, <b>Fabric Studies</b>, Kalyani Publishers, Noida (Up) First Edition-2004.</li> <li>2. Bernard. P. Corbman, <b>Fiber to Fabric</b>, Mc GRAW – Hill – International Editions, SecondEdition.</li> <li>3. Pizzuto, J.J, <b>Fabric Science</b>, 6th edition, Fairchild publications.</li> <li>4. P. Kaliraj, T. Devi, Higher Education for Industry 4.0 and Transformation to Education 5.0</li> </ol>												
<b>Reference Books</b>	<ol style="list-style-type: none"> <li>1. NIIR Board, <b>Textile Spinning, Weaving, Finishing and Printing</b>, Asia Pacific Business PressInc New Delhi-11007.</li> <li>2. W. S. Murphy, <b>Textile Weaving and Design</b>, Abhishek Publications Chandigarh-17, FirstEdition 2003.</li> <li>3. N Gokarneshan, <b>Fabric Structure and Design</b>, New Age International Pvt Ltd. Publishers.</li> </ol>												
<b>Web. URLs</b>	<a href="https://fashion2apparel.blogspot.com/2017/07/classification-loom.html">https://fashion2apparel.blogspot.com/2017/07/classification-loom.html</a>												
<b>Tools for Assessment (50 Marks)</b>													
<b>CIA I</b>	<b>CIA II</b>	<b>CIA III</b>	<b>Seminar</b>	<b>Assignment</b>	<b>Case Study</b>	<b>Total</b>							
<b>8</b>	<b>8</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>50</b>							
<b>Mapping</b>													
<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
CO1	H	M	H	-	H	L	H	H	M	H	M	L	M
CO2	M	M	H	L	H	L	M	H	H	M	H	M	M
CO3	H	H	H	L	H	L	H	H	H	H	M	M	H
CO4	H	H	H	L	H	L	H	H	H	M	H	M	M
CO5	H	H	H	L	H	L	H	H	H	H	M	M	H
H-High; M-Medium; L-Low													
<b>Course designed by</b>							<b>Verified by</b>						
Name and Department							Name and BoS Chairman SEAL						



Course Code	Title		
22U3CDP103	Core Paper III – Apparel Designing Practical		
Semester: I	Credits: 4	CIA: 50 Marks	ESE: 50 Marks
Course Objective	To inculcate the knowledge on basics of sewing, basics of seams to develop the samples.		
Course Category	Skill Development, Entrepreneurship		
Development Needs	Global		
Course Description	Apparel Designing Practical is a technical accomplishment that requires the knowledge and skills of basic sewing techniques.		
Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Understand working of sewing machine and seams	Differentiated Instructions	Assignment
CO 2	Analyse the functions of Apparel components	Direct Instruction	Group Discussion
CO 3	Select the suitable components for draft end use.	Constructivism	Poster Presentation
CO 4	Apply the different apparel components	Project Based Learning	Portfolio
CO 5	Design the various apparel components	Project Based Learning	Mini Project
Offered by	Costume Design and Fashion		
Course Content	Instructional Hours / Week : 5		
Unit	Description		
I	Threading of single needle lock stitch machine, loading bobbin and bobbin case, fixing and removing the needle, Care and maintenance of sewing machines. Seams - Plain, Double Top Stitched, Flat fell, Slot Seam, Piped seam. Seam finishes – Overcast Hem, Edge stitched, Herringbone, Bound Seam		
Instructional Hours			15
Suggested Learning Methods : Visual Learning			02 Hrs
II	Fullness - Darts- Single Dart, double Dart Tucks - pin, cross, group tucking with scalloped effect, Pleats - knife, box, inverted Gathering by hand, machine, elastic Ruffles - single, double. Godets		
Instructional Hours			15
Suggested Learning Methods : Learning by Teaching			02 Hrs
III	Necklines and their finishing: bias binding, bias facing Plackets - Continuous, Zipper plackets, two piece placket Fasteners : button, buttonholes, press buttons, hook-n-eye, velcro		
Instructional Hours			15
Suggested Learning Methods : DIY Activities			02 Hrs
IV	Sleeves -Plain sleeve, Puff sleeve top gathering and bottom gathering, raglan Sleeve, Kimono sleeve Yoke – simple yoke, yokes supporting fullness		
Instructional Hours			15
Suggested Learning Methods : Cooperative Learning			02 Hrs

V	Collar - peter pan collar, shirt collar, stand collar. Pocket - patch pocket, Flap Pockets												
											<b>Instructional Hours</b>		15
<b>Suggested Learning Methods : Cooperative Learning</b>													<b>02 Hrs</b>
											<b>Total Hours</b>		75 Hrs
<b>Text Books</b>		1. Mary Mathews, <b>Practical Construction- Part-I and II</b> , Cosmic press Chennai, 1986. 2. Premlata Mullick , <b>Garment Construction and Skills</b> , First edition, Kalyani publishers-Ludhiana											
<b>Reference Books</b>		<b>The Complete Book of Sewing</b> – Dorling Kindersley Limited, London, 1986.											
<b>Web. URLs</b>		<a href="https://www.clothingpatterns101.com/clothing-design.html">https://www.clothingpatterns101.com/clothing-design.html</a>											
<b>Tools for Assessment (50 Marks)</b>													
<b>Reasoning</b>		<b>Development</b>		<b>Mini Project</b>		<b>Test I</b>		<b>Test II</b>		<b>Observation</b>		<b>Total</b>	
8		8		8		10		10		6		50	
<b>Mapping</b>													
<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
CO1	H	M	M	M	M	L	M	H	H	M	H	M	H
CO2	H	H	M	M	M	L	M	H	H	H	H	H	H
CO3	H	H	M	M	H	L	M	H	M	H	M	H	M
CO4	H	H	L	L	H	L	M	H	M	M	H	M	M
CO5	H	H	L	L	M	L	M	H	M	H	M	M	M
H-High; M-Medium; L-Low													
<b>Course designed by</b>								<b>Verified by</b>					
Name and Department								Name and BoS Chairman SEAL					

Course Code		Title		
22U3CDR101		Allied I Fashion Design and Illustration Practical		
Semester: I		Credits: 4	CIA: 50 Marks	ESE: 50 Marks
Course Objective		To improve students' drawing skills and to enable use of different art mediums, fashion illustration.		
Course Category		Skill Development		
Development Needs		Global		
Course Description		The students develop understanding and basic skills of drawing and coloring along with introduction to various art media		
Course Outcomes		Teaching Methods	Assessment Methods	
CO 1	Illustrate the line drawings and Perspective view drawings	Demonstration / Flipped classroom	Assignment	
CO 2	Identify different art medium and create textures	Show and tell	Presentation	
CO 3	Creative motif and classify report techniques to apply.	Video Lessons	Exhibition	
CO 4	Classify sketching techniques.	Case Studies	Mini Project	
CO 5	Sketch fashion figures and its various parts	Video & Demonstration class	Portfolio	
Offered by	Information Technology			
Course Content			Instructional Hours / Week : 4	
Unit	Description	Text Book	Chapters	
I	Line drawings - Vertical, Horizontal, Curved line, geometrical, Seamless Pattern drawing Moving from 2D to 3D (objects), Perspective view drawings- 1 point, 2 Point and 3 Point			
<b>Suggested Learning Methods : Visual Learning</b>				
II	Handling of different media in black & white and in color - usage of various drawing and sketching mediums - pencils, ink, charcoal, brushes, crayons, poster colours. Practicing the art of creating textures - Jute thread, Brush, Foil paper.			
<b>Suggested Learning Methods : Active Learning</b>				
III	Basic sketching techniques - Shading, smudging, hatching, cross hatching, stippling, scribbling, criss cross, doodling			
<b>Suggested Learning Methods : Visual Learning</b>				
IV	Motif – Introduction, types – Natural, Abstract, Conventional, geometric and traditional. Types of Fabric Patterns - Block Repeat, Brick/Half-Brick Repeat, Drop/Half-Drop Repeat, Diamond Repeat, Toss/Random Repeat, Stripe Repeat.			
<b>Suggested Learning Methods : DIY Activities</b>				

<b>V</b>	Drawing a stick figure for both normal and fashion figure. Stick to flesh figure, Dividing the figure into various parts using lines like plumb line, centre front line, Princess line, waistline, side seam, armholes, jewel neckline, panty line and bust line. Head Theory – 7 1/2 head, 8 head and 10 head												
<b>Suggested Learning Methods : Action Learning</b>													
<b>Total Hours</b>													60 Hrs
<b>Text Books</b>	<ol style="list-style-type: none"> <li>1. Elisabetta Drudi, Tiziana Paci, “<b>Figure Drawing for Fashion Design</b>”, Pepin Press Publication, 2002. ISBN 13: 9789054960805.</li> <li>2. Stanyer Peter, “The Complete Book of Drawing Techniques”, Arcturus Publishing Ltd., 2003. ISBN: 9781841931432 / 1841931438.</li> <li>3. Anne Allen, Julian Seaman, "Fashion drawing - The Basic Principles", Batsford Ltd., London, 1994. ISBN-13 : 978-0713470963</li> </ol>												
<b>Reference Books</b>	<ol style="list-style-type: none"> <li>1. Ritu Bharger, <b>Fashion Illustration and Rendering</b>, B. Jain Publishers, Delhi, 2005.</li> <li>2. Elisabeth Drudi, Tiziana Paci, <b>Fashion Drawing for Fashion Design</b>, The Pepin PressBV, 2012.</li> </ol>												
<b>Web. URLs</b>	<a href="https://www.freepik.com/vectors/fashion-illustration">https://www.freepik.com/vectors/fashion-illustration</a>												
<b>Tools for Assessment (50 Marks)</b>													
<b>Reasoning</b>	<b>Developm ent</b>			<b>Mini Project</b>			<b>Test 1</b>		<b>Test 2</b>		<b>Observ ation</b>		<b>Total</b>
<b>8</b>	<b>8</b>			<b>8</b>			<b>10</b>		<b>10</b>		<b>6</b>		<b>50</b>
<b>Mapping</b>													
<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO 5</b>
<b>CO1</b>	M	L	M	-	M	L	L	H	H	H	M	L	H
<b>CO2</b>	H	M	M	H	H	M	H	H	H	M	H	L	H
<b>CO3</b>	H	M	M	H	H	M	H	H	H	M	H	L	H
<b>CO4</b>	H	M	M	H	H	M	H	H	H	M	H	L	H
<b>CO5</b>	H	H	M	L	H	M	H	H	M	M	H	M	M
H-High; M-Medium; L-Low													
<b>Course designed by</b>							<b>Verified by</b>						
Name and Department							Name and BoS Chairman SEAL						

Course Code		Title		
21U3CDC204		Core Paper IV - Fashion Designing		
Semester : II		Credits : 3	CIA : 30 Marks	ESE: 45 Marks
Course Objective		To introduce the concepts associated with the understanding of Basics of Fashion Designing.		
Course Category		Skill Development, Entrepreneurship		
Development Needs		Global		
Course Description		The course aims to provide a clear perspective on creativity and its application in innovative fashion design.		
Course Outcomes		Teaching Methods	Assessment Methods	
CO 1	Understanding the terminologies in fashion	Flipped Classroom	Assignment	
CO 2	Analyze the elements and Principles of design	Direct Instruction	Seminar	
CO 3	Classify the color charts and color harmonies	Video Lessons	Exhibition	
CO 4	Wardrobe Planning for different age groups	Case Studies	Report	
CO 5	Develop creative and Design thinking Skill	Construction	Mini Project	
Offered by	Information Technology			
Course Content		Instructional Hours / Week : 4		
Unit	Description	Text Book	Chapters	
I	<b>Fashion terminologies</b> : fashion, style, fad, classic, and collection, chic, custom made, mannequin, fashion show, trend, forecasting, high fashion, fashion cycle, haute couture, couture, couturier, fashion director, fashion editor, line, knock-off, avant garde, bridge, buying house, apparel, fashion merchandising, pre-a – porter, sample	1	1	
			<b>Instructional Hours</b>	15
<b>Suggested Learning Methods : Brain Storming</b>				
II	<b>Design:</b> Definition, types – structural and decorative design, requirements of a good structural and decorative design. <b>Elements of design</b> – line, shape, color, size, and texture. <b>Principles of design</b> - balance – formal and informal, rhythm-through repetition, radiation and gradation, emphasis, harmony and proportion. Application of elements and principles of design in a dress	1	5,1,3	
			<b>Instructional Hours</b>	15
<b>Suggested Learning Methods : Learning by Teaching</b>				
III	<b>Colour:</b> Definition, colour theories- prang colour chart and munsell colour system, Dimensions of colour- hue, value, and intensity. Standard colour harmonies, application in dress design.	1	5,6,	
			<b>Instructional Hours</b>	15
<b>Suggested Learning Methods : DIY Activities</b>				
			<b>Instructional Hours</b>	02 Hrs

IV	<p><b>Deigning dresses:</b> Deigning dresses for unusual figures – becoming and unbecoming, Stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead.</p> <p><b>Wardrobe planning:</b> Wardrobe planning for different age groups, factors influencing wardrobe selection, Fashion and season, clothing plan for women, men and children</p>		1	6									
	<b>Instructional Hours</b>			15									
<b>Suggested Learning Methods: Case Method</b>				<b>02 Hrs</b>									
V	<p><b>Creative Thinking:</b> Creative Thinking - Meaning, Types of Creative Thinking - Divergent Thinking, Lateral Thinking, Aesthetic Thinking, Systems Thinking, Inspirational Thinking, Abstract Thinking, Design Thinking</p> <p><b>Design thinking:</b> Design thinking – Meaning, Importance, The five stages of the design thinking process - Empathize, Define, Ideate, Prototype and Test, Double Diamond thinking process – 4D’s Discover, Define, Develop and Deliver.</p>		1	8									
	<b>Instructional Hours</b>			15									
<b>Suggested Learning Methods : Project Based Learning</b>				<b>02 Hrs</b>									
<b>Total Hours</b>				<b>60 Hrs</b>									
<b>Text Books</b>	1. Elements of Apparel and Fashion Design, G. J. Sumathi, New Age Publishing, N.Delhi, 2005.												
<b>Reference Books</b>	1. Textiles and their Care- Susheela Dantyagi, 5th edition,. Orient Longman Ltd New Delhi. 2. Inside the Fashion Business- Heannette A Jarnow et-al, macimilan Publishing Company, NewYork 3. Art and Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press, Jowa.												
<b>Web. URLs</b>	1. <a href="https://www.wework.com/ideas/professional-development/creativity-culture/what-is-design-thinking">https://www.wework.com/ideas/professional-development/creativity-culture/what-is-design-thinking</a> .												
<b>Tools for Assessment (50 Marks)</b>													
<b>CIA I</b>	<b>CIA II</b>	<b>CIA III</b>	<b>Assignment</b>	<b>Seminar</b>	<b>Quiz</b>	<b>Total</b>							
4	4	7	5	5	5	30							
<b>Mapping</b>													
<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	H	H	H	L	M	M	L	M	M	H	H	M	M
<b>CO2</b>	M	M	M	M	H	M	M	M	H	H	H	M	H
<b>CO3</b>	H	L	M	H	M	M	L	H	M	H	H	M	M
<b>CO4</b>	M	H	L	M	L	L	H	M	H	M	H	H	M
<b>CO5</b>	M	M	H	H	M	H	M	H	H	H	M	H	H
H-High; M-Medium; L-Low													
<b>Course designed by</b>							<b>Verified by</b>						
Name and Department							Name and BoS Chairman SEAL						

Course Code		Title		
21U3CDP205		Core Paper V – Surface Enrichment Practical		
Semester : II		Credits : 3	CIA : 30 Marks	ESE : 45 Marks
Course Objective		To Enhance students practical understanding on Traditional Embroideries of India.		
Course Category		Skill Development, Entrepreneurship		
Development Needs		Global		
Course Description		The course helps in enlarging creativity and pick up skills in ornamenting a textile, all by their own and by using commonly available materials.		
Course Outcomes		Teaching Methods	Assessment Methods	
CO 1	Identify the tools used in embroidery.	Demonstration	Assignment	
CO 2	Demonstrate various hand embroidery.	Direct instructions	Seminar	
CO 3	Create samples of different embroidery.	Constructivism	Project	
CO 4	Apply the different traditional embroidery.	Video lesson	Presentation	
CO 5	Formulate various fabric trimmings and decorations.	Class Projects	Peer assessment	
Offered by	Costume Design and Fashion			
Course Content		Instructional Hours / Week : 3		
Unit	Description	Text Book	Chapters	
I	Hand Embroidery - Frames, needles, thimble, types of fabrics and threads used, Traditional Embroidery:			
<b>Suggested Learning Methods : Cooperative Learning</b>				
II	Basic embroidery stitches- Running, stem, chain, back, blanket, feather, herring bone, couching, lazydaisy, French knot, satin, long and short and Romanian.			
<b>Suggested Learning Methods : Inquiry Based Learning</b>				
III	Bead, sequin, stone, mirror work, cut work and zardosi work			
<b>Suggested Learning Methods : DIY Activities</b>				
IV	Traditional Embroidery: Kashida of Kashmir, Phulkari of Punjab, Kasutiof Karnataka, Chikankari of Lucknow, Kantha of Bengal.			
<b>Suggested Learning Methods</b>				
V	Trimmings and Decorations : Fabric Bow, Tassels, Fringes – 2 types, lace work Smocking - 4 types , Pompoms, Ricrac, Applique – Iron on and Stitched			
<b>Suggested Learning Methods : Project Based Learning</b>				
			<b>Total Hours</b>	<b>60 Hrs</b>

<b>Text Books</b>		<ol style="list-style-type: none"> <li>1. Marie Bakewell, Guide to Embroidery Stitches, Octopus Publishing Group, 2004.</li> <li>2. Shailaji D. Naik, Traditional Embroidery of India, A.P.H Publication Corporation- New Delhi-110002</li> </ol>												
<b>Reference Books</b>		<ol style="list-style-type: none"> <li>1. Susan O'Connor, Monograms- The art of embroidered letters, ISBN 0-977547604.</li> <li>2. Sue Gardner, by the Publishers of Inspiration Magazine, <b>Beautiful Embroided Quilts</b>, CountryBumpkin Publications, 2006.</li> <li>3. Dr.Parul Bhatnagar, <b>Traditional Indian Costumes and Textiles</b>, Abhishek Publications Chandigarh(India).</li> </ol>												
<b>Web. URLs</b>		1. <a href="https://www.brainkart.com/article/Garment-Enrichment---Different-types-of-applied-decorations_1890/">https://www.brainkart.com/article/Garment-Enrichment---Different-types-of-applied-decorations_1890/</a>												
<b>Tools for Assessment (30 Marks)</b>														
<b>Reasoning</b>		<b>Development</b>		<b>Mini Project</b>			<b>Test 1</b>		<b>Test 2</b>		<b>Observation</b>		<b>Total</b>	
4		4		7			5		5		5		30	
<b>Mapping</b>														
<b>CO \ PO</b>	<b>P O1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PS O4</b>	<b>PSO5</b>	
<b>CO1</b>	H	H	H	L	M	M	L	M	M	H	H	M	M	
<b>CO2</b>	M	M	M	M	H	M	M	M	H	H	H	M	H	
<b>CO3</b>	H	L	M	H	M	M	L	H	M	H	H	M	M	
<b>CO4</b>	M	H	L	M	L	L	H	M	H	M	H	H	M	
<b>CO5</b>	M	M	H	H	M	H	M	H	H	H	M	H	H	
H-High; M-Medium; L-Low														
<b>Course designed by</b>							<b>Verified by</b>							
Name and Department							Name and BoS Chairman SEAL							



Course Code		Title	
21U3CDP206		Core Paper VI - Children's Apparel Practical	
Semester : II		Credits : 3	Semester : II
Credits : 3		Semester : II	
Semester : II		Credits : 3	
Course Objective		To create the basic children's garment.	
Course Category		Skill Development, Entrepreneurship	
Development Needs		Global	
Course Description		Students will gain the understanding regarding different children's garment and their construction.	
Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Classify various Children's Garment design	Demonstration	Assignment
CO 2	Illustrate Children's Garment design	Constructivism	Poster presentation
CO 3	Estimate the fabric cost for garment	Discussion	Report
CO 4	Develop the pattern drafting for Children's garment	Direct Instruction	Summative Assessment
CO 5	Construct the Children's garment with details	Class Projects	Summative Assessment
Offered by	Costume Design and Fashion		
Course Content		Instructional Hours / Week : 5	
Unit	Description		
I	<p>Designing, drafting and constructing the following garments for the features Prescribed. List the measurements required and materials suitable. Calculate the cost of the garment Calculate the material required – layout method and direct measurement method.</p> <p><b>Bib</b> – Variation in outline shape</p>		
<b>Suggested Learning Methods : Visual Learning</b>			
II	<p><b>Panty</b> - plain or plastic lined panty  <b>Jabla</b> - without sleeve, front open (or) Magyar sleeve, back open</p>		
<b>Suggested Learning Methods : Learning by Teaching</b>			
III	<p><b>A - Line petticoat</b> - double pointed dart, neck line and arm hole finished with facing (or) petticoat with gathered waist</p>		
<b>Suggested Learning Methods : DIY Method</b>			
IV	<p><b>Romper</b>- short sleeves or straps and upto to about mid-thigh  <b>Yoke frock</b> - yoke at chest line, with open, puff sleeve, gathered skirt frock</p>		
<b>Suggested Learning Methods : Project Based Learning</b>			
V	<p><b>Knickers</b> - with elastic waist, side pockets.  <b>Shirt</b> - with open collar and pocket.</p>		
<b>Suggested Learning Methods : Cooperative Learning</b>			
Total Hours			75 Hrs

<b>Text Books</b>		<ol style="list-style-type: none"> <li>Mary Mathews, <b>Practical Clothing Construction -Part I and Part-II Designing, Drafting&amp; Tailoring</b>, Cosmic press, Chennai (1986)</li> <li>Verma Kapil dev, <b>Cutting and Tailoring Practical Drafting</b></li> </ol>											
<b>Reference Books</b>		1. K.R Zarapker, <b>Zarapker system of cutting</b> , Navneet publication ltd.											
<b>Web. URLs</b>		<a href="https://www.uen.org/cte/family/clothing-2/downloads/children/fabric.pdf">https://www.uen.org/cte/family/clothing-2/downloads/children/fabric.pdf</a>											
<b>Tools for Assessment (30 Marks)</b>													
<b>Reasoning</b>		<b>Development</b>		<b>Mini project</b>		<b>Test 1</b>		<b>Test 2</b>		<b>Observation</b>		<b>Total</b>	
<b>5</b>		<b>5</b>		<b>5</b>		<b>6</b>		<b>6</b>		<b>3</b>		<b>30</b>	
<b>Mapping</b>													
<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	H	L	M	L	H	-	M	H	H	H	H	L	H
<b>CO2</b>	H	H	M	L	H	-	L	M	H	M	H	L	H
<b>CO3</b>	M	M	M	-	M	-	L	M	H	M	H	L	H
<b>CO4</b>	M	H	M	-	H	-	L	M	H	M	H	L	H
<b>CO5</b>	M	H	M	-	H	-	L	M	H	M	H	L	H
H-High; M-Medium; L-Low													
<b>Course designed by</b>							<b>Verified by</b>						
Name and Department							Name and BoS Chairman SEAL						

Course Code		Title		
22U3CDA202		Allied II – Apparel Machineries		
Semester : II		Credits : 4	CIA: 50 Marks	ESE : 50 Marks
Course Objective		To introduce the concepts associated with the understanding of sewing machine mechanism and its functions.		
Course Category		Employability		
Development Needs		Global		
Course Description		Students will gain basic understanding of industry machines and tools used for sewing garments and their use in apparel and fashion		
Course Outcomes		Teaching Methods	Assessment Methods	
CO 1	Demonstrate the working mechanism of sewing machine	Demonstration / Flipped Classroom	Assignment	
CO 2	Identify machine parts and feed mechanism.	Constructive Approach	Seminar	
CO 3	Understand the types of cutting, spreading machines.	Video Lessons	Group Discussion	
CO 4	Apply marking, pressing & fusing techniques.	Case Studies	Display	
CO 5	Identify the Sewing Standards	Video lesson Class Projects	Poster Presentation	
Offered by		Information Technology		
Course Content		Instructional Hours / Week : 4		
Unit	Description	Text Book	Chapters	
I	<b>Sewing Machineries</b> Classification of sewing machines, parts functions of Single Needle Machine, Over Lock Machine, Bar Tacking Machine, Button Hole Making Machine, Button Fixing Machine, Blind Stitching Machine, and Fabric Examining Machine. Special Attachments, Care and maintenance, Common problems and remedies	1	1	
			<b>Instructional Hours</b>	12
<b>Suggested Learning Methods : Cooperative Learning</b>			<b>02 Hrs</b>	
II	<b>Stitching mechanism</b> Needles, Parts of the needle, bobbin and bobbin case, bobbin winding, loops and loop Spreader, upper and lower threading, auxiliary hooks, throat plates, take-ups. 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.	1,1	3,5,6	
			<b>Instructional Hours</b>	12
<b>Suggested Learning Methods : Inquiry Based Learning</b>			<b>02 Hrs</b>	

<b>III</b>	<b>Cutting mechanism</b> Cutting - definition, function, scope. Cutting equipment and tools, vertical reciprocity cutting machine, Rotary cutting machine band knife cutting machine, die cutters, Lazer cutting. Spreading- Introduction, types of spread, quality, spreading equipment and tools used for spreading, spreading methods.		1	5									
<b>Instructional Hours</b>				12									
<b>Suggested Learning Methods : DIY Activities</b>				<b>02 Hrs</b>									
<b>IV</b>	<b>Marking-</b> methods, positioning, marking, types of markers, efficiency of a marker plan, requirements of marker planning. <b>Pressing</b> – purpose, pressing equipment's and methods – iron, steam press, steam air finisher, steam tunnel, special types – pleating, permanent press. <b>Fusing</b> – Definition, advantages of using fusible interlinings, requirement of fusing, Fusing process. The means of fusing, Fusing equipment's, Methods of fusing quality control in fusing. Alternative of fusible interlining		2,1	4,3									
<b>Instructional Hours</b>				12									
<b>Suggested Learning Methods : Active Learning</b>				<b>02 Hrs</b>									
<b>V</b>	<b>Stitch and Seam standards</b> Sewing standards for stitch and stitch classification Federal standards for seam and seam classification, fabric sewability.		2,1	6,4									
<b>Instructional Hours</b>				12									
<b>Suggested Learning Methods : Project Based Learning</b>				<b>02 Hrs</b>									
<b>Total Hours</b>				60 Hrs									
<b>Text Books</b>		1.The Technology of Clothing Manufacture – Harold Carr and Barbara Latham, BlackwellScience (1994) 2.Practical clothing construction -part I and part-II Mary Mathews, cosmic press Chennai(1986											
<b>Reference Books</b>		1. Reader's digest Sewing guide, Complete Guide to Sewing 13th Edition, The Reader's Digest Association Inc, and Pleasant Ville.											
<b>Web. URLs</b>		<a href="https://www.onlineclothingstudy.com/2018/05/machinery-needed-for-garment.html">https://www.onlineclothingstudy.com/2018/05/machinery-needed-for-garment.html</a>											
<b>Tools for Assessment (50 Marks)</b>													
<b>CIA I</b>	<b>CIA II</b>	<b>CIA III</b>	<b>Seminar</b>	<b>Assignment</b>	<b>Case Study</b>	<b>Total</b>							
<b>8</b>	<b>8</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>50</b>							
<b>Mapping</b>													
<b>CO \ PO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	M	M	M	-	M	L	M	H	M	H	M	M	M
<b>CO2</b>	M	M	L	-	M	L	L	H	M	M	H	M	M
<b>CO3</b>	M	H	L	L	M	L	M	H	M	H	H	H	M
<b>CO4</b>	M	H	L	L	M	L	M	H	M	H	H	H	M
<b>CO5</b>	M	M	M	L	M	L	M	H	H	H	M	M	M
H-High; M-Medium; L-Low													
<b>Course designed by</b>							<b>Verified by</b>						
Name and Department							Name and BoS Chairman SEAL						

