

DEPARTMENT OF COSTUME DESIGN AND FASHION

**RATHINAM COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS)**

Rathinam Techzone, Pollachi Road, Eachanari, Coimbatore – 641021



Syllabus for

**B.Sc. COSTUME DESIGN AND FASHION
(I to VI Semester)
2021-2022 Batch on-wards**

Vision and Mission of the Institution:

VISION

A world-renowned INDUSTRY-INTEGRATED INSTITUTION that imparts knowledge, skill, and research culture in young men and women to suit emerging young India.

MISSION

To provide quality education at affordable cost, and to maintain academic and research excellence with a keen focus on INDUSTRY-INTEGRATED RESEARCH AND EDUCATION.

MOTTO

Meaningful INDUSTRY-READY education and research by all means

Vision and Mission of the Department:

VISION

Develop a World Class Designer.

MISSION

- To prepare diverse students of art and design to enrich our world through their creativity, their skill and their vision.
- To provide quality education with a blend of academic and industry exposure
- To help students to get employed and to provide promotional opportunities for employed youth with additional qualification.

Program Educational Objectives (PEO)

PEO1	:	Adapt their artistic abilities to support their future design careers.
PEO2	:	Assess, propose and apply various techniques related to drafting, draping and constructing of garments
PEO3	:	Develop a systematic, critical approach to problem solving at all levels of the design process.
PEO4	:	Relate the design process to the appropriate manufacturing process.
PEO5	:	Demonstrate professionalism by managing time to meet deadlines with quality work and effectively collaborating in teams.

Mapping of Institute Mission to PEO

Institute Mission	PEO's
To provide quality education at affordable cost	PEO5
To maintain academic and research excellence with a keen focus on industry-integrated research and education.	PEO1, PEO3

Mapping of Department Mission to PEO

Department Mission	PEO's
Prepare diverse students of art and design to enrich our world through their creativity, their skill and their vision.	PEO1,
To provide quality education with a blend of academic and industry exposure	PEO5, PEO4
To help students to get employed and to provide promotional opportunities for employed youth with additional qualification.	PEO2, PEO3

Program Outcomes (PO):

PO1	:	To Demonstrate the professional skills and behavior necessary to compete in the global marketplace for textile surface design (fiber to fabric)
PO2	:	Enable them to discover their own strengths whilst building a sound foundation of fashion knowledge and skills.
PO3	:	To specialize in one of the four pathway areas, progressing towards final year pathways in Fashion Design, Fashion Communication, Garment Technology and Design for Performance.
PO4	:	To demonstrate the acquaintance in the history of fashion, patterns, and the basic theories of fashion design
PO5	:	To reveal expertise in probing trends, portrayal designs based on their ideas, choosing colors and framework and supervising the production of their designs.
PO6	:	To reveal leadership, participation, and problem-solving skills in a problem solving, collaborative, environment.
PO7	:	To Research, analyze and creatively illustrate the historical relevance of fashion innovation, evolution and trends.
PO8	:	To pertain both drafting and draping techniques in garment design. To complete garment details with appropriate construction techniques.
PO9	:	To develop and accomplish illustrated designs in multiple techniques.
PO10	:	To Demonstrate an understanding of fabrication/materials selection to enhance design and reflect an understanding of the total design concept. (Accessories)

PO11	:	To demonstrate knowledge in the history of fashion, patterns, and the basic theories of fashion design (color, line, shape, texture, scale, and proportion), pattern making, illustration, and construction of garments.
PO12	:	To be competent in the use of software packages that are used in the industry, as well as have the ability to translate their artistic skills into any new software they encounter. To indenture basic patterns using computer-aided design.(CAD)

Program Specific Outcomes

PSO1	:	The Students will acquire the skills like designing, construction, merchandising, textile science, Quality control, etc..
PSO2	:	This Program provides a way to higher education in specific field and entrepreneurial ship orientated in the field of costume design and fashion.
PSO3	:	The students will be ready for employment in technical sector, designing sector, research and development sector, modelling and styling and garment construction.

Correlation between the POs and the PEOs

Program Outcomes		PEO1	PEO2	PEO3	PEO4	PEO5
PO1	:		1		1	2
PO2	:	1			2	
PO3	:		1		1	
PO4	:			1		2
PO5	:	1		2	2	
PO6	:			1		3
PO7	:	2	3			
PO8	:		1		2	
PO9	:	1				
PO10	:			2	1	3
PO11	:	1	2		1	
PO12	:	1	2			2

Components considered for Course Delivery is listed below:

1. Classroom Lecture
2. Laboratory class and demo
3. Assignments
4. Mini Project
5. Project
6. Online Course
7. External Participation
8. Seminar
9. Internship

Mapping of POs with Course Delivery:

Program Outcomes	Course Delivery								
	1	2	3	4	5	6	7	8	9
PO1	1	3	3		3				2
PO2	3		1	3	3	1			
PO3	1		3	1			2		3
PO4	3	3	1					2	
PO5	1			3	1		2		3
PO6				1	3				
PO7			1	3	3			2	2

PO8		3				2		3	
PO9		3		2	2				
PO10	1	1		1	3				
PO11	2	3			3				1
PO12		1	3				1		3

RATHINAM COLLEGE OF ARTS AND SCIENCE
B.Sc Costume Design and Fashion Curriculum Structure - Regulation - 2021
(For the students admitted from 2021 onwards)

S.No.	Sem	Part	Sub Type	Subject	Credit	Hours
1	1	1	L1	Language – I		4
2	1	2	L2	English for Communication – I		4
3	1	3	Core	Core - Fiber to Fabric	4	4
4	1	3	Core Practical	Core Practical-Fiber to Fabric	2	2
5	1	3	DSC	DSC C	4	4
6	1	3	DSC Practical	DSC Practical - 2C	2	2
7	1	3	Allied-I	DSA 1A	4	4
8	1	4		Ability Enhancement Course I	2	1
9	1	6		Value Added Course - I%	2	
					28	25
1	2	1	L3	Language – II	4	4
2	2	2	L4	English for Communication – II	4	4
3	2	3	Core	Core-Fashion Designing	4	4
4	2	3	Core Practical	Core Practical – Fashion Designing	2	2
5	2	3	DSC	DSC 2C	4	4
6	2	3	DSC Practical	DSC Practical - 2C	2	2
7	2	3	Allied-II	DSA 2A	4	4
8	2	4		Ability Enhancement Course II	2	1
9	2	6		Value Added Course - II %	2	
					28	25
1	3	3	Core	Core-Textile Wet Processing	4	5
2	3	3	Core Practical	Core Practical – Textile Wet Processing	2	4
3	3	3	DSC	DSC 3C	4	4
4	3	3	DSC Practical	DSC Practical - 3C	2	2
5	3	3	Allied-III	DSA 3A	4	4
6	3	4	SEC	Skill Enhancement Courses – I	2	2
7	3	4		Ability Enhancement Course III	2	2
8	3	6		Value Added Course - III %	2	
9	3	6		Inter Department Learning – I#	2	2
					24	25
1	4	3	Core	Core – Draping	4	5
2	4	3	Core Practical	Core Practical – Draping	2	4

3	4	3	DSC	DSC 4C	4	4
4	4	3	DSC Practical	DSC Practical - 4C	2	2
5	4	3	Allied-IV	DSA 4A	4	4
6	4	4	SEC	Skill Enhancement Courses – II	2	2
7	4	4		ABE	2	2
8	4	6		Value Added Course - IV %	2	
9	4	6		Inter Department Learning – II#	2	2
					24	25
1	5	3	Core	Core – Fabric Structure and Design	4	5
2	5	3	Core Practical	Core Practical -Fabric Structure and Design	2	4
3	5	3	DSC	DSC 5C	4	4
4	5	3	DSC Practical	DSC Practical - 5C	2	2
5	5	3	DSE	Elective - I – DSE 1E	4	4
6	5	3	DSE	Elective - II – DSE 2E	4	4
7	5	4	SEC	Skill Enhancement Courses – III	2	2
8	5	6		Value Added Course - V%	2	
					24	25
1	6	3	Core	Core – Knitting	4	5
2	6	3	Core Practical	Core Practical -Knitting	2	4
3	6	3	DSE	Elective – III – DSE 3E	4	4
4	6	3	DSE	Elective – IV – DSE 4E	4	4
5	6	3	Core Course - XI	Core Project-Portfolio Presentation	8	6
6	6	4	SEC	Skill Enhancement Courses – IV	2	2
7	6	5		Extension Activity- EX %	2	
					26	25
				Total credit	154	

Discipline Specific Core			
S.No	Course	Offering Department	Mandatory
1	Costumes of the World	CDF	
2	Costumes of the World - Practical	CDF	
3	Fundamentals of Apparel Designing	CDF	
4	Fundamentals of Apparel Designing-Practical	CDF	
5	Textile Testing	CDF	
6	Textile Testing - Practical	CDF	
7	Principles of Pattern Making	CDF	
8	Children's Apparel - Practical	CDF	
9	Care & Maintenance of Textile	CDF	
10	Care & Maintenance of Textile-Practical	CDF	
11	Historic Costumes & Textiles	CDF	
12	Women's Apparel - Practical	CDF	
13	Fashion Photography	CDF	
14	Fashion Photography - Practical	CDF	
15	Advances in Printing	CDF	
16	Advances in Printing - Practical	CDF	
17	Basics of Research	CDF	
18	Men's Apparel - Practical	CDF	
19	Computers in Garment Industry	CDF	
20	Computers in Garment Industry - Practical	CDF	
Allied			
S.No	Course	Offering Department	Mandatory
1	Styling and Modelling	CDF	
2	Fashion Retailing	CDF	
3	Principles of Accountancy	Commerce II	
4	Entrepreneurship and Documentation	CDF	
5	Principles of Management	Management UG	
6	Dynamics of Fashion	CDF	
7	Business Finance	CDF	
8	Technical Textiles	CDF	
Skill Based Subject			
S.No	Course	Offering Department	Mandatory
1	Fashion Sketching	CDF	
2	Surface Embellishment	CDF	
3	Computer Aided Designing	CDF	
4	Fashion Ornaments & Accessories	CDF	
5	Computer Aided Designing II	CDF	

6	Textile Crafts	CDF	
7	Soft Toy Making	CDF	
8	Ayurvedic Skin Care	CDF	
Discipline Specific Elective			
S.No	Course	Offering Department	Mandatory
1	Organisation of Garment Unit	CDF	
2	Styling and Modelling - Practical	CDF	
3	Export Analysis and Documentation	CDF	
4	Advanced Fashion Sketching	CDF	
5	Apparel Quality Management	CDF	
6	Project-viva voice	CDF	
7	Boutique Management	CDF	
8	Home Textile	CDF	
Ability Enhancement Course			
S.No	Course	Offering Department	Mandatory
1	Environmental Studies	CS	
2	Women Rights	Commerce II	
3	Constitution of India	Commerce I	
4	Human Rights	Psychology	
5	Yoga	Tamil	
6	NCC	Viscom	
7	Communicative English	English	
8	Quantitative Aptitude	Mathematics	

Semester: I						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core – English for communication I					Theory

Introduction:

To encourage students to inculcate effective communication skills

Course Outcome:

CO1	:	To know the types of communication and know the body language.
CO2	:	To develop about the oral communication.
CO3	:	To excel in written communication.
CO4	:	To know about the Summary paraphrasing and prepare paragraphs.
CO5	:	To know about the Etiquette and Manners.

Unit I

- Communication and its Types
 - Verbal and Non Verbal
 - Barriers of communication
 - Process of Communication
- Communication through Body Language
 - Eye Contact
 - Body Posture
 - Distance Contact
 - Facial Expression
 - Gestures
 - Vocal Tone
- Communication through Technology
 - Telephonic Etiquette
 - Email Etiquette
 - SMS Language

Unit II

- Oral Communication
 - Public Speaking
 - Presentation Skills
 - Group Discussion
 - Interview Techniques
 - Public Speech
 - Dialogue Writing

Unit III

- **Written Communication**
 - Report Writing
 - Note making
 - Precis Writing
 - Letter Writing
 - Documenting

Unit IV

- **Reading and Understanding**
 - Close reading
 - Comprehension
 - Summary paraphrasing
 - Analysis and interpretation
 - Translation
 - Literary/ knowledge texts

Unit V

- **Etiquette and Manners**
 - Table Etiquette
 - Workplace Etiquette
 - Social Etiquette
 - Dress Etiquette
 - Toilet Etiquette

Reference Book

1. Dr. M. Richard Robert Raa. (2015). Developing Communication Skills .
Laxmi Publications (P)Ltd. New Delhi.
2. Dr. Sumanth, English for Engineers.
3. Meenakshi Raman & Sangeetha Sharma, Technical
Communication, Oxford University Press.
4. Krishna Mohan, Developing Communication Skills, Macmillan.

Mapping of course outcome with program outcome:

Program Outcome								
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	H	L	L	H	L	H	H	L
CO2	L	L	H	L	H	H	H	H
CO3	H	H	H	H	L	L	H	L
CO4	L	L	H	L	H	H	L	H
CO5	H	L	H	H	H	L	H	L

Semester: II						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- English for communication II					Theory

Introduction :

To encourage students to inculcate and use effective communication skills for their day to day life.

Course Outcome:

CO1	:	To enable the students to master the linguistic competence required for inter-personal communication through surrogate literature.
CO2	:	To facilitate the students to apply their linguistic competence meant for speaking to life time situations simulated.
CO3	:	To impart the reading skills of response, skimming, and scanning to the students.
CO4	:	To expose the students to organized writing with particular reference to the assimilation of the mechanics of coherence.
CO5	:	To train the students in writing informal letters and précis through guided- approach and in developing language skills through literature.

UNIT I

1. Inter-personal communication
 - Introducing oneself to others
 - Introducing others
2. Skimming & Scanning
3. Free Writing
4. Framing Questions

UNIT II

1. Intra-personal communication
 - SWOT analysis of oneself
2. Critical Reading
3. Paragraph Writing
4. Concord

UNIT III

1. Narrative Techniques
2. Comprehending graphical Representation of informative text
3. Resume Writing
4. Common Errors/ misused words

Unit IV

1. Speaking in formal situations
 - Welcome Address/ Welcome Speech
 - Vote of Thanks
2. Expository text reading
3. Writing messages
4. Voice

Unit V

1. Making formal presentations
Prior to the presentation
 - objective of the presentation
 - Analyze the audience.
 - Content of the Presentation
During the Presentation
 - Confidence
 - A friendly feeling for the audience
 - Eye contact with Audience
 - Simple language
2. Reading for Pleasure
 - Chicago Address – Swami Vivekanandha
 - I am Malala – Malala
 - Noble Prize Acceptance Speech – Toni Morrison
3. Conducting meeting
4. Sentence Types

References

- 1.** Dynamics of Communication Skills in English. Vol I & II. By Dr. K. Rathnasabapathi, 2016.
- 2.** The Mechanics of Writing Paragraphs and Essays through Studial Approach. By Dr. K. Rathnasabapathi, 2016.
- 3.** English for technical communication: by Viswamohan, Aysha, Tata McGraw-Hill, New Delhi, 2008.
- 4.** Developing Communication Skills by Krishnamohan Meera Banerjee, MacMillan, 2018.
- 5.** Rutherford, Andrea. J Basic Communication Skills for Technology. Pearson, New Delhi. 2001.

Semester: I						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core-Fiber to Fabric	4	4			Theory

Introduction:

This course facilitates an understanding of fibre to fabric and orients the learners in the field of textile. The learners are expected to know the Properties and uses of natural fibres, spinning and yarns in textile industry.

Course Outcome:

CO1	:	Acquire knowledge on the field of textiles.
CO2	:	Understand the manufacturing process of fibers.
CO3	:	Acquire knowledge on spinning and yarn classification.
CO4	:	Develop structures for complex weaving.
CO5	:	Describe the characteristics, properties and applications of woven fabric structures.

UNIT- I

Introduction to the field of textiles – classification of fibres – natural and chemical – Primary and secondary characteristics of textile fibres.

UNIT- II

Manufacturing Process, Properties and uses of natural fibres –cotton, linen, Jute, pineapple, hemp, silk, wool, hair fibres. **man- made fibres-** Viscose rayon, acetate rayon, nylon, polyester, acrylic.

UNIT – III

Spinning- Definition, Classification – Chemical and mechanical spinning – blending, opening, cleaning, doubling, carding, combing, drawing, roving, spinning.

Yarn classification – definition, classification – simple and fancy yarns, Sewing threads and its properties.

UNIT – IV

Weaves – weaving mechanism, parts of a loom and basic process, basic weaves –plain, twill, satin.

Fancy weaves – pile, double cloth, leno, swivel, dobby and jacquard.

UNIT – V

Non – wovens – felting, fusing, bonding, lamination, netting, braiding and calico, tatting and crocheting.

Textbook:

1. Textiles –fibre to fabric, Corbmann B.P, International student’s edition, Mc Graw Hill 2. Book company, Singapore 1985.

Reference:

1. Textiles –fibre to fabric, Corbmann B.P, International student’s edition, Mc Graw Hill 2. Book company, Singapore 1985.
3. Fabric Science 5th edition, Joseph J Pretal , Fairchild Publications ,Newyork 1990.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3		3	3	1	3	1	1
CO4	1	3	1	3	3	1	1		3	1	3	1
CO5	3	1	1	1	1	3	1	1	1	1	1	

Semester : I

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core-Fiber to Fabric Practical	2			2	Practical

Introduction:

This course facilitates an understanding of fibre to fabric and orients the learners in the field of textile. The learners are expected to know the Properties and uses of natural fibres, spinning and yarns in textile industry.

Course Outcome:

CO1	:	Identify woven fabric design and its commercial name by fabric feel.
CO2	:	Analyze and calculate the woven fabric parameters.
CO3	:	Analyze and calculate the knitted fabric parameters.
CO4	:	To impart the knowledge of fibers, sources, their identification and properties.
CO5	:	To provide students with the knowledge of yarns science and their properties.

Identification of textile fibres

Fibres – Cotton, Silk, Wool, Nylon, Polyester, Linen, Rayon, Jute.

1. Microscopic Method
2. Flame test.
3. Chemical test.

Testing of yarns/ fabrics

1. Counting of the yarn using wrap reel.
2. Counting of the yarn using beesley's balance.
3. Twist of the yarn using twist tester.
4. Determining the weight of the fabric.
5. Determining the fabric count by
 - a. Ravelling method
 - b. Pick Glass method
6. Colour fastness to water.
7. Test of Shrinkage.
8. Test of Absorbency.

Textbook:

1. Textiles –fibre to fabric, Corbmann B.P, International student’s edition, Mc Graw Hill 2. Book company, Singapore 1985.

References:

1. Textiles – fibre to fabric, Corbmann B.P, International student’s edition, McGraw Hill 2. Book company, Singapore 1985.
2. Fabric Science 5 th edition, Joseph J Pretal, Fairchild Publications, Newyork 1990.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3	1	1	1	3	1	1	3	1	1	
CO2	1		1	1	3	1	1	1	3	1	3	1
CO3	3	1	1	3	3	1	1	1	3	1	3	3
CO4	1	3	1	3	3	3	3		1	3	1	1
CO5	1	3	1	1	3	1	3	3	1		3	3

Semester: II						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Fashion Designing	4	4			Theory

Introduction:

Help to learn about terms related to fashion industry and acquire knowledge about the colour theory and understanding about designs and its elements.

Course Outcome:

CO1	:	Helps to learn about fashion industry.
CO2	:	To acquire the basic skills and knowledge of designs and its elements.
CO3	:	Identify to know about the color theories.
CO4	:	Acquire the knowledge about dress designing.
CO5	:	Understanding about factors of fashion.

UNIT I

Terms related to the fashion industry – 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.

UNIT II

Design- definition and types – structural and decorative design, requirements of a good structural and decorative design. Elements of design – line, shape or form, colour, size and texture. Application of structural and decorative design in a dress, selection and application of trimmings and decorations. Fashion accessories- shoes, handbags, hats, ties – different types/ shapes. Principles of design- balance – formal and informal, rhythm- through repetition, radiation and gradation, emphasis, harmony and proportion. Application of principles of design in a dress.

UNIT III

Colour- definition, colour theories- prang colour chart and Munsell colour system, Dimensions of colour- hue, value, and intensity. Standard colour harmonies- application in dress design. Colour in principles of design- application of the same in dress design.

UNIT IV

Designing dresses for unusual figures – becoming and unbecoming – for the following figure types. 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.

UNIT V

Wardrobe planning for different age groups, factors influencing wardrobe selection, Fashion and season. **Designing dresses for different occasions** – business meetings, parties/ dinners, evenings/leisure hours, marriage functions, sports, uniforms for civil service, airhostess, hoteliers, schools – girls and boys (school, high school).

Textbook:

1. Watson's textile design and colour. Grosichkli Z Newness, Butter worths, London 1980.
2. Watson's advanced textile design, Grosichkli Z Newness, Butter worths, London 1989

Reference:

1. Fashion Sketch Book – Bina Abling, Fair Child Publications, New York Wardrobe
2. Strategies for Women – Judith Rasband, Delmar publishers London Fundamentals of
3. Inside the Fashion Business- Heannette A Jarnow et-al, macimilan Publishing Company, New York.
4. Art and Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press, Jowa.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3	1	3	1	1	3	1	1
CO4	1	3	1	1	3		1	3	3	1	3	1
CO5	3	1	1	3	1	3	1	1	3	1	1	

Semester: II						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Fashion Designing Practical	2			2	Practical

Introduction:

This course facilitates and know about the practical knowledge about the colour theory and its elements and principles of design.

Course Outcome:

CO1	:	Describe the classification of colors.
CO2	:	To acquire the basic skills and knowledge of color theory.
CO3	:	Illustrate the garment designing and principles of designs.
CO4	:	Acquire knowledge about the color harmony in dress designing.
CO5	:	Construct the different types of dress designing for different figures.

1. Prepare the following Charts

- a. Prang colour chart
- b. Value Chart
- c. Intensity Chart

2. Illustrate garment designs for the Elements of Design

- a. Line
- b. Colour
- c. Texture
- d. Shape or form
- e. Size

3. Illustrate garment designs for the Principles of Design

- a. Balance in dress
- b. Harmony in dress
- c. Emphasis in dress
- d. Proportion in dress
- e. Rhythm in dress

4. Illustrate the colour harmony in dress design

- a. Monochromatic colour harmony
- b. Analogous colour harmony
- c. Complimentary colour harmony

- d. Double complementary colour harmony
- e. Split complementary colour harmony
- f. Triad colour harmony

5. **Designing dresses for figure irregularities-** 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.

Text Book :

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

Reference:

- 1. Fashion Sketch Book – Bina Abling, Fair Child Publications, New York Wardrobe
- 2. Strategies for Women – Judith Rasband, Delmar publishers London Fundamentals of
- 3. Textiles and their Care- Susheela Dantiyagi, 5 th edition,. Orient Longman Ltd NewDelhi
- 4. Inside the Fashion Business- Heannette A Jarnow et-al, macimilan Publishing Company, NewYork.
- 5. Art and Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press, Iowa.

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CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3	1	3	1	1	3	1	1
CO4	1	3	1	1	3		1	3	3	1	3	1
CO5	3	1	1	3	1	3	1	1	3	1	1	

Semester: III

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Textile Wet Processing	4	5			Theory

Introduction:

This course facilitates an understanding textile and quality control and Identification of Textile Fibre and orients the learners in the field of textile industry. The learners are expected to know the fibre analysis, yarn analysis and fabric analysis in textile industry.

Course Outcome:

CO1	:	To gain knowledge on basic processing of textiles.
CO2	:	To gain knowledge on basic processing of protein fibers.
CO3	:	To gain knowledge on dyes and its types
CO4	:	To gain knowledge on dyeing process
CO5	:	To gain knowledge on basic finishes

Unit I

Internship Report

Textile Preparatory Process- Definition and classification - Singeing, Desizing, Scouring, bleaching, Mercerization.

Unit II

Preparatory and dyeing process of protein fibres (wool and silk). Preparation for silk - Degumming and bleaching of silk - objectives, recipe, machineries used and process.

Preparation for wool - Scouring, carbonizing of wool - objectives, recipe, machineries used and process. Synthetic fibre heat setting.

Unit III

Dyes Definition and classification of dyes – Natural dyes, Synthetic dyes – Cationic & anionic dyes, acid, mordant, direct, azoic, disperse, sulphur, vat, reactive, pigment. Method of dyeing - stock, yarn, piece, union and garment dyeing.

Unit IV

Fabric & Garment dyeing - Fabric dyeing – Piece dyeing, Jigger dyeing, Beck dyeing, pad dyeing, Beam Dyeing, Jet dyeing, Vacuum impregnation, Foam dyeing, Solvent dyeing.

Garment dyeing - Special dyeing effects – cross-dyeing, union dyeing, tone-on- tone effects.

Unit V

Finishes - Definition, classification of finishes and their application in garment industry. Calendaring, napping, starching, shearing, sueding, softening, stiffening, stentering, sanforizing. Washes and finishes for Denim - Method and machines used.

Textbook:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.
2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, EasternLtd.,

Reference:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.
2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, Eastern Ltd.,
3. Satish K. Bhardwaj and Pradip, V. Metha, Managing Quality in Apparel Industry, New age International Publishers, 2000.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1		3		1	3	1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3	1	1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3	1	1	3	1

Semester: III

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Textile Wet Processing Practical	2			4	Practical

Introduction:

This course facilitates an understanding textile and quality control and Identification of Textile Fibre and orients the learners in the field of textile industry. The learners are expected to know the fibre analysis, yarn analysis and fabric analysis in textile industry.

Course Outcome:

CO1	:	To obtain knowledge chemical processing of cotton and blended materials.
CO2	:	Identifying the suitable process to process the fiber, yarn and fabrics through preparatory and dyeing processes.
CO3	:	To evaluate the parameters and identifying the recipes for chemical processing of different materials.
CO4	:	To attain knowledge and analysis the parameters for printing techniques.
CO5	:	To get hold knowledge on the eco-friendly processes and the effluent treatments.

1. Preparatory Process:

Cotton- Desizing, Scouring, Bleaching, Mercerizing.
Silk-Degumming.

2. Synthetic dyeing:

Cotton - Direct, reactive, vat, sulphur, Disperse.
Silk- Acid dye, Basic dye.

3. Natural dyeing – Post-Mordant, Pre-Mordant, Simultaneous Mordanting using chemical and natural mordants.

Marigold, henna, Pomegranate rind, Myrobalan, Onion Skins, Beetroot peels, Eucalyptus.

Textbook:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.
2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, Eastern Ltd.,

Reference:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.
2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, Eastern Ltd.,
3. Satish K. Bhardwaj and Pradip, V. Metha, Managing Quality in Apparel Industry, New age International Publishers, 2000.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1		1		1	3	1		3	3
CO3	1	1	1	1	1	3	3	3		1		3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3	1	1	3	1

Semester: IV

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Draping	4	5			Theory

Introduction:

To gain skills in different types of draping and know the techniques in draping techniques of different components of garments.

Course Outcome:

CO1	:	Helps to learn about principles of draping.
CO2	:	To acquire the basic skills and knowledge of draping styles.
CO3	:	Identify to know about the draping of sleeves on dress form.
CO4	:	Acquire the knowledge about draping of collars on dress form.
CO5	:	Understanding about draping styles of skirts.

UNIT I: INTRODUCTION TO DRAPING

Definition of Draping – Draping Tools & Equipment's – Draping principles – Preparation of muslin for Draping – Seam allowance – Preparation of Dress form for Draping.
Draping of Basic Bodice front – Preparation of muslin – Draping steps – Marking – Truing -
Draping of Basic Bodice Back – Draping of Basic Sleeve – Draping of Basic Skirt.

UNIT II: DRAPING OF BODICE BLOCKS & VARIATIONS

Front Bodice with under arm Dart – Back Bodice with Neckline Dart – Dart manipulation – Waistline Dart – Dart at waistline and centre front – French Dart – Double French Dart – Flange Dart – Neckline Dart – Neckline variations – Front & Back Armhole variations – Typical sleeveless – Squared – Cutaway.

Waistline variation – lowered – Empire – Shortened – Scalloped – Pointed. The Princes Bodice – Cowls -front— Under arm cowl – Wrapped neckline cowl. Twists – Butterfly Twist — Neck yoke twist – Bust twist.

UNIT III: DRAPING OF SKIRTS & SLACKS

Draping of one-piece basic skirt – Gored skirt – Flared skirt – Pleats in the flared skirt – Gathers in the flared skirt – Pleated skirt – Side & Box pleated skirt – Kick pleated and inverted pleated skirt.

Draping of basic straight slacks – Fitted slacks – Tapered slacks – Pegged slacks – Divided skirt.

UNIT IV: DRAPING OF YOKES, SLEEVES & COLLARS

Draping of fitted midriff Yoke — Shirt yoke – Hip Yoke.

Draping of – Mandarin Collar – Convertible collar – Peter Pan collar.

Draping of Basic Dolman sleeve – Long fitted Dolman sleeve — Raglan sleeve – Kimono sleeve with a gusset.

UNIT V: DRAPING OF ADVANCED DESIGN VARIATIONS & KNIT GARMENTS

Draping of bias – Cut slip Dress – Bustier Designs – basic Knit Bodice Dress – Knit Halter - Knit Leotard - Knit Panties.

Draping of Flounces – Circular flounce – Shirred Flounce – Draping of Ruffles –Variable Ruffle finishes – Draping of peplums. Draping of A-line shift – Draping of Princess Dress – Draping of Basic Jacket.

Textbook:

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

Reference:

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

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

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1	1	3	1	1		1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester: IV

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Draping Practical	2			4	Practical

Introduction:

To Provide Basic Fundamental of Pattern Draping About Different Styles In Draping Using Draping Mannequins.

Course Outcome:

CO1	:	To identify and explain functions of different tools and supplies.
CO2	:	To demonstrate use of different tools and supplies.
CO3	:	To use the draping mannequins using correct procedures.
CO4	:	To design the draping using correct procedures.
CO5	:	To identify types of draping's.

To prepare pattern using Draping Technique.

1. Basic bodies - Front & Back
2. Basic Skirt.
3. Basic Sleeve.
4. Lowered Waistline.
5. Pointed Waistline.
6. Empire Waistline.
7. Princess Bodies.
8. Pleated Skirt.
9. Tapered Slacks.
10. Skirt with Hip Yoke.
11. Raglan Sleeve.
12. Basic Jacket.
13. Create any one of garment for a male or female – party wear.

Textbook:

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

Reference:

1. Practical clothing construction -part I and part-II Mary Mathews, cosmic press
Chennai
(1986)
2. Pattern Grading for women's clothing, The technology of sizing –Gerry
cooklin ,Blackwell Science Ltd (1990).

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1	1	3	1	1		1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester: V

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Fabric Structure and Design	4	5			Theory

Introduction:

This course facilitates an understanding of fabric forming techniques and orients the learners in the field of fabric design. The learners are expected to know the classification of looms, construction of elementary weaves in textile industry.

Course Outcome:

CO1	:	Acquire Knowledge on The Elements of Woven Fabric Design.
CO2	:	Develop elementary fabric weave structures.
CO3	:	Acquire knowledge on color theory, modification of color and weaves effects.
CO4	:	Develop structures for complex woven fabrics.
CO5	:	Describe the characteristics, properties and applications of woven fabric structures.

UNIT-II

Internship Report

Elements of woven design, Methods of fabric representation, draft and lifting plan, construction of elementary weaves – plain, wrap rib, weft rib, twill, modification of twills, satin and sateen weaves – their derivatives.

UNIT-II

Ordinary and brighten honeycomb, its modification, huck a back and its modifications, crepe weaves, mock leno.

UNIT-III

Extra warp and extra weft figuring – single and two colours, planting, backed fabric, warp and weft backed fabrics.

UNIT-IV

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.

UNIT-V

Double cloth –classification, self-stitched – face to back, back to face, both. Centre stitched – warp and weft. Interchanging double cloth.

Textbook:

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

Reference:

1. Watson's Textile Design and Colour., Grosichkli . Z. Newness
2. Textiles – fibre to fabric, Corbmann .B.P.,
3. Fabric structure and Design, N.Gokarneshan.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3	1	3	1	1	3	1	1
CO4	1	3	1	1	3		1	3	3	1	3	1
CO5	3	1	1	3	1	3	1	1	3	1	1	

Semester: V						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	Core- Fabric Structure and Design practical	2			4	Practical
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Introduction:

This course facilitates an understanding of fabric forming techniques and orients the learners in the field of fabric design. The learners are expected to know the classification of looms, construction of elementary weaves in textile industry.

Course Outcome:

CO1	:	Acquire Knowledge on The Elements of Woven Fabric Design.
CO2	:	Develop elementary fabric weave structures.
CO3	:	Acquire knowledge on color theory, modification of color and weaves effects.
CO4	:	Develop structures for complex woven fabrics.
CO5	:	Describe the characteristics, properties and applications of woven fabric structures.

Identification of the following weaves, Design and Draft a peg plan for the same.

1. Plain weave and its derivatives (Warp rib, Weft rib)
2. Twill Weave – Right hand twill and Left-hand twill.
3. Satin
4. Sateen
5. Honeycomb Weave
6. Huck a back Weave
7. Extra Warp and Weft Figuring.
8. Double cloth.
9. Terry pile structures.

Textbook:

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

Reference:

1. Watson's Textile Design and Colour., Grosichkli . Z. Newness
2. Textiles – fibre to fabric, Corbmann .B.P.,
3. Fabric structure and Design, N.Gokarneshan.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3	1	3	1	1	3	1	1
CO4	1	3	1	1	3		1	3	3	1	3	1
CO5	3	1	1	3	1	3	1	1	3	1	1	

Semester: VI						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Knitting	4	5			Theory

Introduction:

This course facilitates an understanding of fabric forming techniques and orients the learners in the field of knitting. The learners are expected to know the classification of knitting, elements and functions of knitting machines in textile industry.

Course Outcome:

CO1	:	Recognize The Weft Knitted Fabric Production Process.
CO2	:	To summarize the structure and properties of various weft knitted fabrics.
CO3	:	Acquire knowledge on the structure & properties of various advanced weft knitted fabrics.
CO4	:	Recognize the structure, properties, application and latest developments in warp.
CO5	:	Acquire knowledge on the application of knitted structures for technical textiles.

UNIT-I

Knitting – Definition, classification and history, types of knitting- hand and machine, characteristics of knitted goods.

UNIT-II

General terms and principles of knitting technology, machine knitting, parts of machine, knitted loop structure, stitch density.

UNIT-III

Weft knitting –classification-circular rib knitting machine, purl, interlock, jacquard-single jersey machine-basic knitting elements-types and functions –knitting cycle,CAM-system-3 way technique to develop design-knit, tuck, miss-effect of stitches on fabric properties.

UNIT-IV

Warp knitting-lapping variations-tricot, raschel, simplex and Milanese -kitten raschel single bar,2 bar, multi bar machines. types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.

UNIT-V

Care and maintenance of knitted material-washing, drying, ironing, storing.

Textbook:

1. Knitting Technology – D.B.Ajgoankar
2. Knitting Technology – David . J. Spencer
3. Textile Mathematics – J.E. Booth

Reference:

1. Knitting Technology – D.B.Ajgoankar
2. Knitting Technology – David . J. Spencer
3. Textile Mathematics – J.E. Booth

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	1	1	1		3	3	3		1	1	1
CO3	3	1	1	1	3	3	3		3	1	1	1
CO4	3	3	1		3		1	3	1	1	3	3
CO5	1	1	1	1	1	3	3	3		1		3

Semester: VI						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Core- Knitting Practical	2			4	Practical

Introduction:

This course facilitates an understanding of fabric forming techniques and orients the learners in the field of knitting. The learners are expected to know the classification of knitting , elements and functions of knitting machines in textile industry.

Course Outcome:

CO1	:	Recognize The Weft Knitted Fabric Production Process.
CO2	:	To summarize the structure and properties of various weft knitted fabrics.
CO3	:	Acquire knowledge on the structure & properties of various advanced weft knitted fabrics.
CO4	:	Recognize the structure, properties, application and latest developments in warp.
CO5	:	Acquire knowledge on the application of knitted structures for technical textiles.

Identify the given fabric.

Methodology used – unravel and graphic representation.

- Plain Knit
- Rib Knit – 1x1,2x2.
- Interlock
- Pique – any 2 structures
- Tricot
- Raschel

Defect Analysis

- Vertical and horizontal lines
- Holes and cuttings
- Distorted stitches
- Any other

Textbook:

1. Knitting Technology – D.B.Ajgoankar
2. Knitting Technology – David . J. Spencer
3. Textile Mathematics – J.E. Booth

Reference:

1. Knitting Technology – D.B.Ajgoankar
2. Knitting Technology – David . J. Spencer
3. Textile Mathematics – J.E. Booth

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	1	1	1	1	3	3	3		1	1	1
CO3	3	1	1	1	3	3	3	1	3	1	1	1
CO4	3	3	1	3	3		1	3	1	1	3	3
CO5	1	1	1	1	1	3	3	3		1		3

Semester: VI						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	Core Project - Portfolio Presentation	8			6	Practical
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Introduction:

A creative, innovative, and well-developed Apparel Portfolio Report is the essential tool a fashion designer uses to share his or her original ideas.

Course Outcome:

CO1	:	Develop creative designing sensibilities among students.
CO2	:	Developing ensembles through thematic presentations and interpretations.
CO3	:	Make students understand how to make portfolio in tune with industry requirement which is the compilation of the work.
CO4	:	Produce a strong visual document that explains the skills, techniques and vocational quality that qualifies a student to work in apparel industry.
CO5	:	Introduce the students as fashion designers.

Portfolio development and Presentation technique

1. An individual Portfolio presentation based on a theme.
2. The portfolio will contain collections made for Men's, Women's and Kid's for categories like causal wear, party wear, ethnic wear etc.
3. Preparation of Mood board, Story board.
4. Design development chart - Preparation of various styles for selected fabrics
5. Selection of Accessories
6. Final Presentation
7. Number of garments in a collection - 5 garments

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1		1	1	1	1	3	3	3	3	1	1
CO2	3	3	3		1	1	1	1	1	3	3	3
CO3	1	1	3	3		3	3	3	1	1	1	1
CO4	3	3	1	1		1	1	3	1	3	1	3
CO5	1	1	3	3	3		3	1	1	3	1	3

DISCIPLINE SPECIFIC CORE

Semester:

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Costumes of The World	4	4			Theory

Introduction:

To study the costumes of the world. To trace the development of western costume through the ages. To become familiar with the styles and special features in costume from ancient world till 20th century.

Course Outcome:

CO1	:	Students will know the costumes of the world.
CO2	:	Acquire knowledge about the styles of costumes and special features.
CO3	:	Students will be familiar with the styles worn during the ancient till 19 th century.
CO4	:	They come to know about the western costumes through the ages.
CO5	:	Student will gain knowledge in the various costumes worn.

UNIT - I

American Countries -Inuit and Aleut, American Indians of the southwest, Plains and northwest, Amish costumes, Guatemala, Mexico, Colombia, Peru and Bolivia, Chile and Brazil.

UNIT - II

European countries –Russia, Finland, Italy, Norway, Sweden, Denmark, Scotland, Austria, Germany, Spain, Belgium, Ireland Switzerland, Hungary, Poland and Ukraine.

UNIT - III

Middle and Far Eastern Countries - Turkey and Iran, Costumes of Arab Peninsula, Mongolia, China, Japan, Korea, Taiwan, Sri Lanka, Pakistan, Bhutan Nepal, Vietnam, Cambodia, Myanmar, Thailand and Philippines.

UNIT - IV

African Countries—Egypt, Libya, Nigeria, Angola, Gabon, Sudan, Ethiopia, Kenya, Uganda, Tanzania, Botswana, Congo, Namibia, Zambia, Zimbabwe, Nigeria and Cameroon.

UNIT - V

Costume of ancient -Egypt, Greece and Rome. African Tribal Costumes. English costumes - English Costume during 15th -17th centuries. French costumes: French Costumes during renaissance 16th -18th centuries. American costumes: American costumes from 18th to 20th centuries.

REFERENCES:

1. Costumes of Indian and Pakistan, Das S N, D B TaraporevaIa Sons & Co, Bombay (1958)

2. Historic Costume, Chas A, 'Bernard and Co, illinois (1961)
3. Costume through the Ages, Laver, JamesSimon and Schuster, New York (1968).
4. Costumes throughout the Ages, Eoan C C, J B Limancott
5. The History of Costume; Kemper, Rachel H

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3	1	3	1	1	3	1	1
CO4	1	3	1	1	3		1	3	3	1	3	1
CO5	3	1	1	3	1	3	1	1	3	1	1	

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	DSC- Costumes of The World Practical	2			2	Practical
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Introduction:

To develop and implement the fashion illustration techniques. To develop skills in drawing costumes of various countries.

Course Outcome:

CO1	:	Students will know to sketch the costumes of the world.
CO2	:	Acquire knowledge to implement the techniques in designing.
CO3	:	Develop skills in drawing costumes of various countries.
CO4	:	They come to know about the sketching of world costumes.
CO5	:	Student will gain knowledge in the various costumes worn.

Prepare the following Illustrations.

1. Illustrate costumes of American countries –Men and Women each 3 garments
2. Illustrate costumes of European countries –Men and Women each 3 garments
3. Illustrate costumes of African countries –Men and Women each 3 garments
4. Illustrate costumes of Asian countries –Men and Women each 3 garments
5. Drawing from Photographs - any 2 garment designs.
6. Portfolio Presentation - with theme Board, Mood Board, Flat Sketches, Fabric swatches,

Accessory samples - for the following collection

- Fashion Show - with a theme - Men and Women each 3 garments
- Winter collection - Men and Women each 3 garments
- Summer Collection -Men and Women each 3 garments

REFERENCES:

1. Costumes of Indian and Pakistan, Das S N, D B Taraporevala Sons & Co, Bombay (1958)
2. Historic Costume, Chas A, 'Bernard and Co, illinois (1961)
3. Costume through the Ages, Laver, JamesSimon and Schuster, New York (1968).
4. Costumes throughout the Ages, Eoan C C, J B Limancott
5. The History of Costume; Kemper, Rachel H

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3	1	3	1	1	3	1	1
CO4	1	3	1	1	3		1	3	3	1	3	1
CO5	3	1	1	3	1	3	1	1	3	1	1	

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	DSC- Fundamentals of Apparel Designing	4	4			Theory
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Introduction:

To understand the basic sewing techniques and different types and handling of sewing machines and components of apparel should make a useful foundation and construct garment components using suitable construction techniques.

Course Outcome:

CO1	:	To acquire the basic skills and knowledge of fundamental parts and functions of sewing machine. Identify tools for Cutting, Sewing & Finishing and use of these tools with safety
CO2	:	Solve the sewing machine problems with suitable remedies after finding the causes.
CO3	:	Describe the federal classification of hems, seam & seams finishes and types of fullness.
CO4	:	Construct the different types of garment plackets, fasteners and sleeves using suitable construction
CO5	:	Understand about the classification of collars , yokes and pockets which can be done with the help of fabrics.

UNIT – I

Introduction – History of sewing machine. **Types of sewing machines** – Domestic sewing machine, Industrial sewing machine, difference between Domestic & Industrial sewing machine. Parts and functions of single needle machine. Essential tools – cutting tools, measuring tools, marking tools, pressing tools, general tools, types of paper and uses.

UNIT – II

Sewing machineries -care and maintenance –types of maintenance, common problems and remedies. Types of thread, types of needles, needle used in different fabrics. Fabric selection – factors in selection of fabrics. Terms and symbols used in sewing.

UNIT – III

Hems – types, stitches used. Seams and seam finishes – types, working and used of seams and seam finishes. Fullness- definition. Darts, tucks, pleats, godets, flares, gathers, ruffles and flounces. Facings – bias facing, shaped facing and decorative facing. Binding – single bias binding, double bias binding.

UNIT – IV

Plackets – definition, characteristics of a good placket, types – inconspicuous placket and conspicuous plackets. Fasteners – types and uses. Sleeves – definition, types, set-in-sleeves –

plain sleeve, puff sleeve, bishop sleeve, bell, circular. Modified armhole – squared armhole. cap sleeve and Magyar sleeve. Sleeve and bodice combined – raglan, kimono and dolman.

UNIT – V

Collars – definitions, types, peter pan collar, stand collar, shirt collar, shawl collar, notched collar, sailor collar. **Yokes** – types, simple yoke, yoke with fullness within the yoke, yoke supporting/ releasing fullness. **Pockets** – types, Patch pocket, patch pocket with flap, in-seam pocket, slash pocket, welt pocket.

Textbook:

Practical clothing constructions; Mary Mathew, Bhattoarams reprographic Chennai.

Reference:

- Introduction To Clothing Manufacture, Gerry Cooklin, Om Book Service, III Edition, New Delhi, Chennai , 2008
- The Technology Of Clothing Manufacture, Harold Carr , Om Book Service, III Edition, New Delhi, Chennai , 2008
- A Complete Books of Sewing a Practical Step - By-Step Guide to Sewing Techniques, Penelope Cream, DK Pub, II Edition, USA, 2001.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1		1	1	1	1	1	1	3	3	1
CO2	1	3	3	3		1	1	1	1	1	1	1
CO3	3	1	1	1	1	3		3	3	3	1	1
CO4	1	1	1	1	1	1	1	1	1		3	3
CO5	1	3		1	1	1	1	1	3	1	1	3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	DSC- Fundamentals of Apparel Designing Practical	2			2	Practical
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Introduction:

To understand the basic sewing techniques and different types and handling of sewing machines and components of apparel should make a useful foundation and construct garment components using suitable construction techniques.

Course Outcome:

CO1	:	Help to learn about the parts and functions of a sewing machine.
CO2	:	Understand about the classification of seam and seam finishes and types of decorations which can be done with the help of fabrics.
CO3	:	Help to learn about the facing and binding.
CO4	:	Understand the types of plackets and uses of fasteners.
CO5	:	Help to know about the types of sleeves, collars, yoke and pockets.

1. **Sewing machine** – types, functions and parts of sewing machine. Sewing practice on paper, stitching on fabric (Straight, curves, zigzag, corners and circular)
2. **Preparation of samples for seam and seam finishes.**
 - Seam – straight seam, top stitched seam, flat fell seam, French seam, mantua maker seam, piped seam.
 - Seam finishes – pinked finish, edge stitched finish, double stitch finish, overcast finish.
3. **Preparation of samples for fullness.**
 - Darts – Straight dart, double pointed dart
 - Tucks – Single tuck, group tuck, broad tuck, pin tucks, twisted tuck.
 - Pleats - plain pleats, knife pleats, box pleats, inverted box pleats.
 - Godets
 - Flares
 - Gathers
 - Ruffles and flounce
4. **Preparation of samples for facing, binding and piping.**
5. **Preparation of samples for plackets and fasteners.**
 - Plackets –two-piece placket, miter placket, shirt placket, blouse placket, faced placket, zipper placket, fly placket.

- Fasteners – press studs, Velcro tapes, hook and eye, hook and lock, buttons, show buttons, wood buttons, skirt hook.
- 6. Preparation of samples for sleeves.**
- Plain sleeve, puff sleeve, cap sleeve, petal sleeve, 3/4th sleeve, full sleeve, full sleeve with cuff, raglan sleeve, circular flounce sleeve.
- 7. Preparation of samples for collars.**
- Peter pan collar, stand collar, shirt collar.
- 8. Preparation of samples for yokes.**
- Hip yoke, midriff yoke, shoulder yoke, straight yoke, yoke with fullness, yoke without fullness.
- 9. Preparation of samples for pockets.**
- Patch pocket, patch pocket with flap, in-seam pocket, welt pocket.

Textbook:

1. Practical Clothing Constructions; Mary Mathew, Bhattoarams Reprographic, I Edition, Chennai, 2009.

Reference:

1. Introduction To Clothing Manufacture, Gerry Cooklin, Om Book Service, III Edition, New Delhi, Chennai, 2008
2. The Technology Of Clothing Manufacture, Harold Carr , Om Book Service, III Edition, New Delhi, Chennai , 2008
3. A Complete Books of Sewing a Practical Step - By-Step Guide to Sewing Techniques, Penelope Cream, DK Pub, II Edition, USA, 2001.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	1	1		1	1	1	1	3	1	3	3
CO2	1	3	1	3	3		3	3	1	3	1	1
CO3	1	3	3	1	3	3	3	3		3	1	1
CO4	3	1	1	3	1	1	1	1	3	1		3
CO5	1	3	1	3	3	3	3		1	3	1	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	DSC- Textile Testing	4	4			Theory
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Introduction:

This course facilitates an understanding textile and quality control and Identification of Textile Fibre and orients the learners in the field of textile industry. The learners are expected to know the fibre analysis, yarn analysis and fabric analysis in textile industry.

Course Outcome:

CO1	:	To obtain knowledge chemical processing of cotton and blended materials.
CO2	:	Identifying the suitable process to process the fibre, yarn and fabrics through preparatory and dyeing processes.
CO3	:	To evaluate the parameters and identifying the recipes for chemical processing of different materials.
CO4	:	To attain knowledge and analysis the parameters for printing techniques.
CO5	:	To get hold knowledge on the eco-friendly processes and the effluent treatments.

UNIT – I

Introduction to Textile and Quality Control – Definition, General aspects of Textile testing and quality control, Routine tests performed in Textile Industry. Benefits of testing, international standards for textile and apparel testing.

UNIT – II

FIBRE ANALYSIS:

Identification of Textile Fibre – Burning, Solvent, Longitudinal and cross sectional view of Cotton, Wool, Polyester, Nylon, Acrylic fibres. Cotton fibre length, Cotton fibre strength, Fibre fineness and Nep Potential –Trash.

UNIT – III

YARN ANALYSIS:

Yarn numbering, yarn strength, Twist testing, Additional test for fibres and yarn – Microscope, Weight method, Air flow method, Wet strength and elongation of filament yarn, Crimp.

UNIT – IV

FABRIC ANALYSIS:

Length, Width, Bow, Skewness, Weight, Thickness, Breaking Strength, Abrasion Resistance, Crease Recovery, Stiffness of fabrics and drapability.

UNIT –V

Standards and specification in Textile Industry, Quality control aspects, colour fastness tests in Textiles-Crocking, perspiration, sunlight, laundering.

Textbook:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.

2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, Eastern Ltd.,

Reference:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.
2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, Eastern Ltd.,
3. Satish K. Bhardwaj and Pradip, V. Metha, Managing Quality in Apparel Industry, New age International Publishers, 2000.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1		1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1		3		1	3	1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester :						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Textile Testing Practical	2			2	Practical

Introduction:

This course facilitates an understanding textile and quality control and Identification of Textile Fibre and orients the learners in the field of textile industry. The learners are expected to know the fibre analysis, yarn analysis and fabric analysis in textile industry.

Course Outcome:

CO1	:	To obtain knowledge chemical processing of cotton and blended materials.
CO2	:	Identifying the suitable process to process the fiber, yarn and fabrics through preparatory and dyeing processes.
CO3	:	To evaluate the parameters and identifying the recipes for chemical processing of different materials.
CO4	:	To attain knowledge and analysis the parameters for printing techniques.
CO5	:	To get hold knowledge on the eco-friendly processes and the effluent treatments.

- Fibre Testing
- Longitudinal view test using Microscope.
- Fibre Length using Baer Sorter.
- Fineness test using Sheffield Micronaire.
- Bundle Strength using Stelometer.
- Yarn Testing

- Yarn Count using Wrap Reel and Electronic Balance
- Yarn Count Beesley Balance and Quadrant Balance
- Yarn Twist using Twist tester.
- Yarn Strength using Lea Strength Tester
- Fabric Testing

- Fabric length and Width
- Fabric thickness
- Fabric Weight
- Bursting Strength
- Crease Recovery
- Stiffness

- Drape
- Fabric warp and weft Crimp
- Rubbing fastness
- Washing fastness
- Perspiration Fastness
- Light Fastness
- Clothing care

Textbook:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.

2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, EasternLtd.,

Reference:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.
2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, EasternLtd.,
3. Satish K. Bhardwaj and Pradip, V. Metha, Managing Quality in Apparel Industry, New age International Publishers, 2000.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1		1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1		3		1	3	1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Principles of Pattern Making	4	4			Theory

Introduction:

To Provide Basic Fundamental of Pattern Draping About Different Styles in Draping Using Draping Mannequin.

Course Outcome:

CO1	:	To identify and explain functions of different tools and supplies.
CO2	:	To demonstrate use of different tools and supplies.
CO3	:	To use the draping mannequins using correct procedures.
CO4	:	To design the pattern using correct procedures.
CO5	:	To identify types of patterns.

UNIT-I

Body measurement –importance, preparing for measuring, ladies’ measurements, boys and men’s measurements. Standardizing body measurements –importance, techniques used. Relative length and girth measures in ladies /gentlemen. Preparation of fabric for cutting importance of grain in cutting and construction, steps in preparing the fabric for cutting.

UNIT-II

Pattern making –method of pattern making – (Drafting and draping), merits and demerits. Types of paper patterns (Patterns for personal measurements and commercial patterns) Principles of pattern drafting. Pattern details, steps in drafting basic bodice front and back and sleeve.

UNIT-III

Styles created by shifting of blouse darts, adding fullness to the bodice, converting darts to seam and partial yokes and incorporating darts in to seams forming yokes. **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.

UNIT- IV

Pattern alteration –importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse. Pattern grading –definition, types, manual –master grades, basic front, basic back basic sleeve, basic collar and basic grading.

UNIT-V

Pattern layout- definition, purpose, rules in layout, types of layouts for length wise stripped designs, fabric with bold design, asymmetric designs, one-way designs. What can be done if cloth is insufficient, fabric cutting, transferring pattern marking, stay stitching, ease stitching.

Textbook:

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

Reference:

1. Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai (1986)
2. Zarpker System of Cutting- Zarpker. K. R, Navneet Publications ltd.
3. Practical cutting and tailoring part II Eshwasri Anwahi, Lakhraj Hans R.B Publications, Delhi

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1	1	3	1	1		1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Children's Apparel Practical	2			2	Practical

Introduction:

To familiarize and impart practical training to the students in construction of children's garment. Designing, drafting and constructing the following garments for the features Prescribed, List the measurements required and suitable materials for the garment. Calculate the cost of the garment, Calculate the material required-Layout method and direct measurement method.

Course Outcome:

CO1	:	Designing, drafting and constructing the following garments for the features Prescribed
CO2	:	To recognize and apply relevant technologies within fashion.
CO3	:	List the measurements required and materials suitable
CO4	:	Calculate the cost of the garment
CO5	:	Calculate the material required-Layout method and direct measurement Method.

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.

1. Bib- Variation in outline shape
2. Panty-plain or plastic lined panty
3. Jabla- without sleeve, front open (or) Magyar sleeve, back opens
- 4. Baba suit- knicker with chest piece attached (or) Romper***
5. Gathering petticoat – princess line, without sleeve.
- 6. A-Line frock***
- 7. Summer frock- with or without sleeve/collars***
- 8. Yoke frock- yoke at chest line, with open, puff sleeve, gathered skirt or frock-without sleeve***
9. Knicker- elastic waist, side pockets
10. Shirt- open collar, with pocket.

*** Traditional Portfolio to be made for any one garment based on theme.**

Textbook:

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

Reference:

1. Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai (1986)

2. Zarapker System of Cutting- Zarapker. K. R, Navneet Publications ltd.

3. Practical cutting and tailoring part II Eshwasri Anwahi, Lakhraj Hans R.B Publications, Delhi

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3	1	1	1		1	1	3	3	3	1
CO2	1	1	1		1	3	3	1	1	3	3	1
CO3	3	1	1	3	1	1	3	3	3	1	1	1
CO4	3	1	1	3	1	1	1	1	3	1	3	3
CO5	1	3	3	1	1	3	1	1	1	1	1	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Care & Maintenance of Textiles	4	4			Theory

Introduction:

To encourage students to acquire knowledge about water, soaps, detergents and finishers and equipment's used in laundry. To impart necessary information about the various type of fabric, their laundry procedure and stain removal techniques.

Course Outcome:

CO1	:	Gain knowledge on care and maintenance of textiles.
CO2	:	Know about the garment finishes.
CO3	:	Acquire knowledge on care and maintenance of textile materials to prolong the durability and appearance of the fabric.
CO4	:	Acquire knowledge about principles of washing.
CO5	:	Understanding the types of laundry.

UNIT-I

Water- hard and soft water, methods of softening water. **Laundry soaps** – Manufacture of soap (Hot process, cold process), composition of soap types of soap, soap less detergents , chemical action , detergent manufacture , advantages of detergents.

UNIT-II

Finishes – Stiffening Agents – Starch (cold water and hot water), Other stiffening agents, preparation of starch. Laundry blues, their application.

UNIT-III

Laundry equipment – for storage, for steeping and Washing – Wash board, suction washer, wash boiler, washing machine. Drying equipment's – outdoor and indoor types. Irons and ironing board – types of iron (box, flat, automatic, steam iron). Ironing board – different types.

UNIT-IV

Principles of washing – suction washing, washing by kneading and squeezing, washing by machine - Process details and machine details. Laundering of different fabrics – cotton and linen, woollen's, coloured fabrics, silks, rayon and nylon.

UNIT-V

Special types of Laundry – waterproof coats, silk ties, leather goods, furs, plastics, lace. Dry cleaning – using absorbents, using grease solvents. Storing – points to be noted. Stain removal – food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration / mildew, tar, turmeric and kum-kum. Care labels – washing, bleaching, Drying, ironing and different placements of label in garments.

Textbook:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.
2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, Eastern Ltd.,

References.

1. Textile's fabrics and their Selection – Wingate I B, Allied publishers Ltd, Chennai.
2. Fundamentals of Textiles and their Care- Susheela Dantiyagi , Orient Longmann Ltd (1980).
3. Family Clothing – Tate of Glession , John Wiley & Sons Inc, Illinois.
4. Household Textiles and Laundry Work – Durga Duellkar , Amla Ram & Sons, Delhi

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1	1	3	1	1		1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Care & Maintenance of Textiles Practical	2			2	Practical

Introduction:

To encourage students to acquire knowledge about water, soaps, detergents and finishers and equipment's used in laundry. To impart necessary information about the various type of fabric, their laundry procedure and stain removal techniques.

Course Outcome:

CO1	:	Know about the manufacturing of soap.
CO2	:	Know about the garment finishes.
CO3	:	Acquire knowledge on care and maintenance of textile materials to prolong the durability and appearance of the fabric.
CO4	:	Acquire knowledge about principles of washing.
CO5	:	Understanding the types of laundry.

Prepare samples for the following:

1. Manufacturing of soap (Hot & Cold Process)
2. Starching Process (Hot & Cold Process)
3. Laundry Blue
4. Principle of washing
5. Landry of different fabric.
6. Dry cleaning
7. Stain removal
8. Study of various care labels.

Textbook:

1. Booth J.E. Principles of Textile Testing, CBS Publishers,1996.
2. Elliot. B.Grover and Hamby. D.S. Textile Testing and Quality Control, Eastern Ltd.,

References.

- 1.Textiles fabrics and their Selection – Wingate I B, Allied publishers Ltd, Chennai.
- 2.Fundamentals of Textiles and their Care- Susheela Dantyagi , Orient Longmann Ltd (1980).
- 3.Family Clothing – Tate of Glession , John Wiley & Sons I n c, Illinois.
- 4.Household Textiles and Laundry Work – Durga Duelkar , Amla Ram & Sons, Delhi.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1	1	3	1	1		1	1	3	3

CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Historic Costumes & Textiles	4	4			Theory

Introduction:

This course facilitates an understanding of traditional costumes used in different states of India and orients the learners in the field of woven textiles of India. The learners are expected to know the costume of ancient civilization in apparel industry.

Course Outcome:

CO1	:	To identify and discuss concepts related to the historical background of textiles and fashion.
CO2	:	To recognize and apply relevant technologies within fashion.
CO3	:	Gain an historical knowledge of clothing and art history as a part of understanding the link between art and clothing.
CO4	:	Understands history and sociology are a part of era and periods.
CO5	:	Understand the different categories of fashion and its adoption.

UNIT-I

Beginning of Costume, Growth of Dress out of painting, cutting. **Traditional Costume of different States in India** - Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orissa, Bihar, Mizoram, Tripura, Nagaland, West Bengal, Sikkim, Maharashtra, Rajasthan, Haryana, Himachal Pradesh, Uttar Pradesh, Jammu and Kashmir, Gujarat, Madhya Pradesh.

UNIT-II

Indian Jewelry – jewelries used in the period of Indus valley civilization, Mauryan period Gupta Period, the Pallava and Chola Period, Symbolic Jewelry of South India, Mughal period. Temple Jewelry of South India, Tribal jewelry. A brief study of gems and precious stones.

UNIT-III

Traditional embroideries of India – Chikan/ Chikankari of Lucknow, Kashida of Kashmir, Chamba Rumal of Himachal Pradesh, Kantha of Bengal, Phulkari of Punjab, Toda of Tamilnadu (Nilgiris), Gujarat – Kutch and Kathiawar, Gota of Jaipur, Karchobi of Rajasthan, Kamal kadai of Andhra Pradesh, Phool – Patti Ka Kaam of Uttar Pradesh, Kasuti of Karnataka, Khneng of Meghalaya, Pipli of Orissa, Shamilami of Manipur, Mirror Work or Shisha, Zardosi.

UNIT-IV

Costumes of European countries –Italy, France - French Textiles- Linen in France- the French Renaissance- Motifs- the Rococo Style - Toile de jou, Greece, Roman, Sweden & Germany. Textiles of Egypt, African Textiles.

UNIT-V

Costumes of Far Eastern Countries - Japan, Korea, Sri Lanka, Pakistan, Malaysia, China- Chinese Textiles-Silk- Motifs and designs- Animal motifs-The tiger-dragon, phoenix and unicorn, Burma, Thailand & Philippines.

Reference:

1. Indian Jewellery – M.L Nigam, Lustre Press Pvt Ltd ,India (1999)
2. Indian Costume –G.H Ghosrye, Popular books Pvt Ltd
3. The costumes and textiles of India – Jamila Brij Bhushan, D B Taraporevala Sons & Co, Bombay(1958).
4. Costumes of India –Dorris Flyn, Oxford andIBH Publishing Co ,Delhi (1971).
5. Costumes of India and Pakistan – Das S.N , DB Taraporevala Sons and co, Bombay(1956).

Textbook:

1. Indian Jewellery - M.L. Nigam, Lustre Press Pvt Ltd, India.
2. Costumes and Textiles of India – Jamila BrijBushan
3. Costumes of India – DorrisFlyn

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3	1	1	1		1	1	3	3	3	1
CO2	1	1	1		1	3	3	1	1	3	3	1
CO3	3	1	1	3	1	1	3	3	3	1	1	1
CO4	3	1	1	3	1	1	1	1	3	1	3	3
CO5	1	3	3	1	1	3	1	1	1	1	1	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Women's Apparel Practical	2			2	Practical

Introduction:

To design different women garments. To learn the process of drafting and construction of women's garments.

Course Outcome:

CO1	:	Designing, drafting and constructing the following garments for the features Prescribed
CO2	:	To recognize and apply relevant technologies within fashion.
CO3	:	List the measurements required and materials suitable
CO4	:	Calculate the cost of the garment
CO5	:	Calculate the material required-Layout method and direct measurement method.

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 measurements method.

1. **Skirts** – Circular/umbrella/ Wrap around skirt /panel with style variations.
2. **Blouse - Darted blouse/ Katori/ High Neck Blouse. ***
3. **Salwar & Kameez – pallazo pants, cigarette pants, Patiala, harem pants***
4. **Nightie/ Maxi** –With yoke, front open, with sleeve, full length.
5. **Ladies pant** – variation in styles.
6. **Jump Suit***
7. **Kaftan.**
8. **Ready to wear Saree***

*** Traditional Portfolio to be made for any one garment based on theme.**

Textbook:

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

Reference:

1. Scientific garment quality –K M Illege and Sons , Plot No. 43 , Somuvar Peth pune 411011
2. Easy cutting –Juvekar commercial Tailors Corporation p vt 166 Dr. Ambedkar Road dadar.
3. Commercial system of cutting - Juvekar commercial Tailors Corporation p vt 166 Dr.Ambedkar Road dadar.
4. Zarapker system of cutting –K.R Zarapker ,Navneet publication ltd.
5. Dress making- Smt Thangam Subramaniam Bombay Tailoring and embroidery college ,32
6. North park street ,Ambattur , channi.
7. Pratical clothing construction – Part I and II Mary Mathews ,cosmic Press Chennai.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1	1	3	1	1		1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Fashion Photography	4	4			Theory

Introduction:

To enable students to understand theoretical and technical aspect of fashion photography. To understand the process of fashion industry with sense of Photography perspective to the students and enable them to gain an insight into professionals.

Course Outcome:

CO1	:	To understand the entire process of Fashion Photography
CO2	:	To analyse the various aspect of photography process.
CO3	:	To evaluate and justify the various perspectives of fashion industry
CO4	:	To apply and enhance the knowledge in the field of fashion photography
CO5	:	To create and alleviate the technical aspects in Fashion Photography

UNIT - I

Effects of Lighting with Specific Purpose, the Color Spectrum, and Studio Photography, Strategies & Make-Up, Aesthetics of Fashion Photography, Color theme & photography.

UNIT-II

Cameras & Types of Cameras, Understanding the Human Body, Understanding Fashion, Processing of White & Black.

UNIT- III

Introduction to Studio Lights & Effects, Different Light Sources & Comparative Study, Aperture and Shutter Speed, Indoor & Outdoor photography.

UNIT- IV

Photo Review with Experts/ Mentors, Over and Under Exposures, Studying Various Fashion Styles. Ramp photoshoot.

UNIT- V

Pre-Model Shoots, Outdoor Fashion Shoot, Creative Lighting, Studying Editing Software, Glamour Lighting.

Textbook:

1. The Digital Filmmaking Handbook – Mark Brindle

Reference:

1. Professional lighting handbook – Verne Carlson, Sylvia eCarlson
2. Visual Communication Images with messages – Paul martinLester
3. The Psychology of Composition – S MEisentein
4. Photoshop – Tutorial –ebook
5. CorelDraw – Tutorial -ebook

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes								
	P01	PO2	P03	P04	P05	P06	P07	P08	P09
CO1	1	1	3	3	2	3	2	2	2
CO2	1	1	1	1	2	2	1	1	1
CO3	1	3	3	3	2	2	1	1	1
CO4	1	3	3	1	2	2	1	1	1
CO5	1	1	1	1	1	1	1	1	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Fashion Photography Practical	2			2	Practical

Introduction:

To enable the student to gain knowledge in fashion photography. To gain knowledge in brand making and developing fashion in media.

Course Outcome:

CO1	:	Students will gain the skills to do a brand and develop the art of photography.
CO2	:	Acquire knowledge the about photography.
CO3	:	Develop the skills in photo designing.
CO4	:	Gain knowledge about animation.
CO5	:	To evaluate and justify the various perspectives of fashion industry

Photography

1. Product photography
2. Modelling photography
3. Indoor and Outdoor photography

Experiments

1. Brand Name and Logo design
2. Image editing and special effect
3. Design packing for the brand
4. Logo Animation
5. Product Animation
6. Web designing
7. Story Board
8. Video Capturing and editing
9. Video and audio mixing
10. Add Flim making.

Textbook:

1. The Digital Filmmaking Handbook – Mark Brindle

Reference:

1. Professional lighting handbook – Verne Carlson, Sylvia eCarlson
2. Visual Communication Images with messages – Paul martinLester
3. The Psychology of Composition – S MEisentein
4. Photoshop – Tutorial –ebook
5. CorelDraw – Tutorial -ebook

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes								
	P01	PO2	P03	P04	P05	P06	P07	P08	P09
CO1	1	1	3	3	2	3	2	2	2
CO2	1	1	1	1	2	2	1	1	1
CO3	1	3	3	3	2	2	1	1	1
CO4	1	3	3	1	2	2	1	1	1
CO5	1	1	1	1	1	1	1	1	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Advances in Printing	4	4			Theory

Introduction

To understand about the various printing techniques and advancements in printing

Course Outcome:

CO1	:	Help to learn about types of printing and dyeing and its preparing process
CO2	:	Understanding about brief history of each printing types
CO3	:	To understand about the screen printing and its types
CO4	:	To understand about the resist printing and its types
CO5	:	To understand the other printing techniques

UNIT-I

Printing – Introduction to printing, differences between printing and dyeing, preparation of fabric for printing – cotton, linen, polyester, wool and silk, methods of printing, preparation of printing paste, selection of thickening agents.

UNIT-II

Direct printing: Block printing – Brief History and its advances techniques, Preparation of design, Blocks, table, print paste and printing process Stencil printing – Brief history, preparation of fabric, stencils (For one or more color) Materials used for preparing stencils, process involved, and techniques used.

UNIT-III

Screen printing – brief history and its advances techniques, Flat screen and Rotary screen printing, Preparation of screen, print paste, screen printing process, Discharge printing – chemicals used, process involved.

UNIT-IV

Resist printing: Brief history and its advances techniques, Batik printing wax used, Equipment's required, process sequence and techniques used. Tie and dye – Brief history, Equipment's required, process sequence and techniques used.

UNIT-V

Other printing methods: Ink jet printing, Heat transfer printing, photo printing, foil printing. Printing advances techniques.

References:

1. Textiles – Ninth edition, Sara J Radolph and Anna L Langford, Prentice hall, New Jersey (2002).
2. Textile processing – J L Smith, Abhishek publications, Chandigarh (2003).

3. Textile Chemistry – Peters R H , Vol I, & II, Textile Institute Manchester (1970)
4. Beginners Guide to fabric dyeing and printing – Stuart & Robinson, Technical books,London (1982).
5. Thickening agents and Emulsion thickenings in textile printing – Herbert Barthm, New Delhi (1994).

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1		1		1	3	1		3	3
CO3	1	1	1	1	1	3	3	3		1		3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3	1	1	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Advances in Printing Practical	2			2	Practical

Introduction

To understand about the various printing techniques and advancements in printing

Course Outcome:

CO1	:	Help to learn about types of printing and dyeing and its preparing process
CO2	:	Understanding about brief history of each printing types
CO3	:	To understand about the screen printing and its types
CO4	:	To understand about the resist printing and its types
CO5	:	To understand the other printing techniques

1.To prepare a sample for Dyeing & Printing

- **Block Printing** - Wooden block, nail block, vegetable printing using natural colours, finger.
- Flocking
- **Stencil** – Positive and negative – sponge, brush, spray.
- Screen printing
- Roller printing.
- **Batik printing** - crackled, nail block, free hand.
- **Tie and Dye** - folding, gathering, stripes, diagonal, spiral web, trick, triangle, knotting, object tie.

2.To prepare samples for traditional paintings

- Kalamkari
- Warli art
- Mural

REFERENCE:

1. C.W Pellow, Dyes and dyeing , Abhishek Publications, 2000..
2. Sara J. Radolph and Anna I. Langford, Textile, Prentice Hall, New Jersey, 2002.
3. Z.J. Grosicki ,Watson's design and Colour- Elementary Weaves and Figured Fabrics.
4. Wood head Publishing Limited, 2004. 4. Dyeing and chemical technology of textile fibers,Charles Griffin co, London

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1		1		1	3	1		3	3
CO3	1	1	1	1	1	3	3	3		1		3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3	1	1	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSC- Basics of Research	4	4			Theory

Introduction

To enable the students to Understand the fundamental principles and techniques of methodology concerning research.

Course outcome:

CO1	:	To understand and relate the techniques and types of research
CO2	:	To Understand about Research problem
CO3	:	To identify effective tools and techniques to collect research data and facilitate for the analysis
CO4	:	To understand about the sampling
CO5	:	To understand about the organization and representation of data and report writing

UNIT I

Introduction to Research, types of research and research design - Definition, Objectives and characteristics of research Types of Research- Basic , applied , Action , Evaluation, experimental , Surveys- Descriptive , diagnostic and exploratory.

UNIT – II

Research Problem - Research problem Identification - Review of Literature - Research process - Research design –Experimental and non-experimental designs- Exploratory – Diagnostic.

UNIT III

Data and Tools of data collection - Primary and secondary data. Data sources Interview schedules and questionnaires Interviews and Type of Interviews Pre-testing and Pilot study, Editing and coding of data.

UNIT IV

Sampling - Population –Census. Sample Types – Probability, Non Probability sampling, Sampling size, Sampling process , Hypothesis and its formulation.

UNIT V

Organization and Representation of data, Report writing - Tabulation of data parts of a table, preparation of blank tables. Diagrammatic – One dimensional diagrams- Two

dimensional diagrams-pictogram and cartographs Graphical, frequency graphs- Line , polygon, curve Histogram- cumulative frequency graphs-ogives. Report Writing - Layout– Contents of Report-Style of the report - Steps in Report writing – Forms of Reports.

Textbooks:

1. Devadas.R.P, (2000)A Handbook on methodology of Research, Sri Ramakrishna Vidyalaya, Coimbatore,.
2. Kothari.C.R., (2004)Research Methodology, Methods and Techniques, Wiley Eastern Limited, New Delhi,.
3. Kulbir Singh Sidhu,(2006) Methodology of Research in Education, Sterling Publishers Pvt. Ltd., New Delhi,.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	2			1	1	2					
CO2		3	3		1	1	2		3		3	
CO3			3		1	1	2					
CO4		2			1	1	2		3	2		
CO5					1	1	2					3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	DSC- Men's Apparel Practical	2			2	Practical
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Introduction:

To design different women garments. To learn the process of drafting and construction of men's garments.

Course Outcome:

CO1	:	Designing, drafting and constructing the following garments for the features Prescribed
CO2	:	To recognize and apply relevant technologies within fashion.
CO3	:	List the measurements required and materials suitable
CO4	:	Calculate the cost of the garment
CO5	:	Calculate the material required-Layout method and direct measurement method.

Design, Draft and construct the following Men's garments.

1. Slack Shirt – with collar, Half Sleeve, Patch pocket.
2. Full sleeve shirt – shirt collar, patch pocket, full sleeve with sleeve placket and cuff. *
3. S.B. Vest - With / without collar, No sleeve, Fancy button attached.*
4. Pleated Trousers - Pleat in front, Darts at back, side pocket, fly with button /zip, Belt with adjustable strap.
5. House coat – with collar and full sleeve without cuff.
6. Kalidhakurtha - Kali piece, side pocket, round necks, half open.
7. Pyjama – Waist elastic and tape attached, fly.
8. Men's pant- front opening with zipper placket, side pocket variation in bottom design.

*

* Traditional Portfolio to be made for any one garment based on theme.

Textbook:

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

Reference:

1. Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai (1986)
2. Zarpker System of Cutting- Zarpker. K. R, Navneet Publications ltd.
3. Practical cutting and tailoring part II Eshwasri Anwahi, Lakshraj Hans R.B Publications, Delhi

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	1	3	3	3	3	3	1	1	1
CO2	3	3	1	1	3	1	1		1	1	3	3
CO3	1	1	1	1	1	3	3	3		1	3	3
CO4	3	1	1	3		1	3	1	3	3	3	3
CO5	3	1	3	3	3	1	1	3		1	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	DSC- Computers in the Garment Industry	4	4			Theory
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Introduction:

To educate the students about the basic computer software and to train them with fashion sketching software like coral draw, adobe Photoshop.

Course Outcome:

CO1	:	To upgrade their digital fashion design skills to industry standards.
CO2	:	Design patterns and garments using various drawing techniques.
CO3	:	Illustrate various garment components, accessories & human anatomy
CO4	:	To enable designers to create and produce various fashion design presentation products, such as digital trend and concept boards, textile color developments, and digital spec sheets for a portfolio
CO5	:	To gain the knowledge of tools and palettes developed, gaining speed and accuracy in creating flats and sketches

UNIT-I

Classification of computers, computer generations, computer specification, organization of computer sections. Types of storage devices (primary and secondary) ,input devices , output devices .

UNIT-II

Role of computers in fashion industry – Information flow – CAD, CAM, CIM, CAA, PDC – Definition and functions. Computers in production planning and production scheduling, computerized colour matching system.

UNIT-III

CAD in designing Textile designing – Weaving, Knitting and printing. Creating embroidery designs. Garment designing – 2D and 3D forms.

UNIT-IV

CAD in pattern making and grading – system description – information flow – process involved in pattern making, process involved in pattern grading.

UNIT-V

Computer application in fabric defect checking, laying / spreading, cutting marker planning, labeling – parts and functions. Computerized sewing machines.

References;

- 1.Clothing Technology – Hannelore Eberle et –al, Verlaag Europa – Lehrmittel, Vollmer Gmbh & Co 4287, Haan – Gruilen.
- 2.Computer Fundamentals – P K Sinha , BPB Publications, Delhi (1992)
- 3.The technology of clothing manufacture – Harold Carr and Barbara Latham, Blackwell Ltd (1994)
- 4.Pattern Grading for Women’s Cloths The Technology of sizing – Gerry Cooklin, Blackwell Science Ltd (1990)

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1		1	1	1	1	3	3	3	3	1	1
CO2	3	3	3		1	1	1	1	1	3	3	3
CO3	1	1	3	3		3	3	3	1	1	1	1
CO4	3	3	1	1		1	1	3	1	3	1	3
CO5	1	1	3	3	3		3	1	1	3	1	3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type

	DSC- Computers in the Garment Industry Practical	2			2	Practical
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Introduction:

To educate the students about the basic computer software and to train them with fashion sketching software like coral draw, adobe Photoshop.

Course Outcome:

CO1	:	To upgrade their digital fashion design skills to industry standards.
CO2	:	Design patterns and garments using various drawing techniques.
CO3	:	Illustrate various garment components, accessories & human anatomy
CO4	:	To enable designers to create and produce various fashion design presentation products, such as digital trend and concept boards, textile color developments, and digital spec sheets for a portfolio
CO5	:	To gain the knowledge of tools and palettes developed, gaining speed and accuracy in creating flats and sketches

1. Microsoft Word, Excel, PowerPoint:

Microsoft word, excel and power point– Introduction, features and its applications.

2. Adobe Photoshop :

Introduction to Photoshop - Photoshop tools in detail, enhancing images, Masking, transforms, working with layers. Merging & blending layers, text effects. Creating an advertising brochure. Painting & rendering in Photoshop, & 3D effects, making collage in Photoshop, Applying filters

3. Coral Draw:

Introduction to Coral Draw. Learning basic tools of Coral Draw. Using Basic Shapes, Transformations, Duplicate, Cloning. Applying fill, outlines, special effects, shaping objects, creating custom.

4. **Shapes** using basic shapes and other drawing tool, working with the text, Effects, Shaping object with envelope tool, Power Clip objects, splitting and erasing portion of objects

5. Tuka CAD:

Tuka CAD- Introduction, features and its applications.

Textbook:

1. Computer Fundamentals; Pradeep Sinha, BPB Pub, II Edition, USA, 2001.

Reference:

1. Computer Colour Analysis; Sule, New Age Enterprises, Delhi, 2014.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	3	3	1	1	3	3	1	3	
CO2	1	1	1	3	3	1	1	3	3	1	3	3
CO3	1	1	1		3	3	1			3	3	
CO4	1	1	3	3		1	1	3	3			3
CO5	1	1	1			1	1			3	3	1

ALLIED

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Allied - Styling and Modeling	4	4			Theory

Introduction:

Acquire knowledge on fashion styling and fashion modeling covering all the concepts and aspects of designing, self-grooming and fashion photography. Understand fashion trends, marketing research, strategies and professional practices.

Course Outcome:

CO1: To knowledge Introduction to Fashion Styling
CO2: To knowledge Types of Styling
CO3: To knowledge Modelling
CO4: To knowledge of Fashion Modelling Techniques
CO5: To knowledge Fashion networking analysis.

Unit I

Introduction to fashion Styling – Historical and contemporary art and style – Scope of Fashion

Styling – Concept of Color analyzing in Styling – Sectors of styling

Unit II

Types of Styling- commercial styling – Editorial fashion styling – professional protocols and Etiquette – Wardrobe edit – Art direction styling – Public relation in Styling

Unit III

Introduction to modeling – Modeling industry present/future and past – Preparing and presenting for casting & auditions – do's and don'ts of Modeling – Dieting – modeling body structure – Male and Female

Unit IV

Types of Modeling – Professional Posing techniques and etiquette – Types of choreography – Modeling agency – Self Grooming – Modeling photography Techniques

Unit V

Marketing analysis - Advertising and Media Planning, Fashion shows and other events, Industry tour and Project – Fashion blogging – Networking in Fashion Industry

Textbook

1. Mastering in Fashion styling , Jo Dingemans, Macmillan International pub, U.K

2. How to become successful commercial model by Aaron Marcus's

Reference Books

1. Fashion Styling Handbook by Danielle Griffiths, Laurence king pub

2. The Model as muse: Embodying fashion by Harold koda's

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	3	3	1	1	3	3	1	3	
CO2	1	1	1	3	3	1	1	3	3	1	3	3
CO3	1	1	1		3	3	1			3	3	
CO4	1	1	3	3		1	1	3	3			3
CO5	1	1	1			1	1			3	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Allied – Fashion Retailing	4	4			Theory

Introduction:

To develop an understanding of evolving apparel retailing industry and 4 P's of marketing and create awareness among students.

Course Outcome:

CO1	: To create an awareness and understanding of the evolution and current structure of the apparel retailing industry in India.
CO2	: To provide an understanding of the relative strengths and weaknesses of apparel retail and retail operations and an appreciation of the role of multichannel.
CO3	: To develop an understanding and appreciation of the four P's of marketing, basic principles of visual merchandising and effective customer handling practices.
CO4	: To provide an overview and insights into the evolving business of apparel retailing marketing.
CO5	: To create an awareness of the broad categories of retailing business models and the important factors governing the design of online apparel stores.

Unit 1: Visual Merchandising (VM)

Introduction, Objectives, Concept of Visual Merchandising, Objectives of Visual Merchandising, Growth of Visual Merchandising, The Merchandise Mix- 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, Color scheme, Lighting.

Unit 2: Elements of visual merchandising

Store exterior/front, Store layout, Store interior, Interior display-window display. Store Image & Security: Introduction, Objectives, Concept of Image Mix, Elements of Image Mix, Merchandise, Fixtures, Sound/Music, Odor, Visuals, Employees, Elements that Levy Negative Impact on Shoppers, Change of Image, Security Issues.

UNIT-3 Marketing

Introduction and definition, Factors influencing marketing concept, Market segment, Classification of market-domestic, national, international and E-market, Marketing mix and product mix, Range planning, Study of 4 P'S - product, price, place, promotion. Costing and pricing strategies (Costing principles-cost of goods-direct materials, direct labor, manufacturing overhead), (Costing strategies-direct costing, absorption, and activity based, blended), (Pricing strategies—rigid calculation, subjective pricing).

UNIT – 4 Fashion Businesses

Nature – Environment – Segment of Fashion Industry. Merchandising – Principles, types. Product presentation– role of consumer. Size and structure of fashion market – micro and macro, Market Weeks – Trade Fairs, fashion fares, fair growth. Development of Fashion forecasting process. Forecast reports: - Fiber, Fabric and color. Short- and long-term forecasting.

UNIT 5 - Retail business

Role of retail in marketing system, retail evolution in India: structural changes. Target group and demographics role of a merchandiser, principles and techniques of merchandising.

Textbook:

1. Leslie David Burns, Nancy O. Bryant, 2011 The Business of Fashion, Fairchild Publications.
2. Elanine Stone, 1987, Fashion Buying, McGraw- Hill.

Reference:

1. Mary Frances Drake, Janice Harrison Spoone, Herbert Greenwald, 1992, Retail Fashion Promotion and Advertising, Macmillan.
2. Michele M. Granger, Tina M. Sterling, 2011, Fashion Entrepreneurship Retail Business Planning, Fairchild Publications.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	3	3	1	1	3	3	1	3	
CO2	1	1	1	3	3	1	1	3	3	1	3	3
CO3	1	1	1		3	3	1			3	3	
CO4	1	1	3	3		1	1	3	3			3
CO5	1	1	1			1	1			3	3	1

Subject Code	Subject Title	Lecture	Tutorial	Practical	Credit	Type

	Allied – Principles of Accountancy	4	4			Theory
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Introduction:

Familiarize the basic concepts of accounting and its features to understand the procedures involved in accounting process and its applications to identify the various approaches in modern accounting practices.

Course Outcome:

CO1	:	To develop and understand the nature and purpose of financial statements in Relationship to decision making
CO2	:	To develop the ability to use the fundamental accounting equation to analyze the effect of business transactions on an organization's accounting records and financial statements
CO3	:	To develop the ability to use a basic accounting system to create (record, classify, and summarize) the data needed to solve a variety of business problems.
CO4	:	To develop the ability to use accounting concepts, principles, and frameworks to analyze and effectively communicate information to a variety of audiences.
CO5	:	To develop the ability to use accounting information to solve a variety of business problems.

Unit I:

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Fundamentals of Book Keeping – Accounting Concepts and Conventions – Journal – Ledger – Subsidiary books – Trial balance.

Unit II:

Journal – Ledger - Subsidiary Books: Purchase book - Sales book – Purchase Return book – Sales Return book – Cash book - Preparation of Trial Balance.

Unit III:

Preparation of trading account- Profit and Loss A/C - Balance sheet with adjustment.

Unit IV:

Accounting for consignments and Joint ventures

Unit V:

Bank Reconciliation statement – Receipts and Payments and income and Expenditure Account and Balance sheet – Accounts of professionals.

Note: Distribution of Marks between problems and theory shall be 80% and 20%.

Text Book

1. R.L.Gupta, V.K.Gupta, M.C.Shukla – Financial Accounting – Sultanchand & sons

Reference Books

1. N.Vinayakam, P.L.Mani, K.L.Nagarajan – Principles of Accountancy – S.Chand & Company Ltd.,
2. T.S.Grewal – Introduction to Accountancy- S.Chand & Company Ltd.,

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3	3	3	3	3	3	3	1	1	3	
CO2		3	2	3	1	3	2	3	2	1	3	3
CO3	3	3	3		3		3	3		3	3	
CO4	3	3			1	3	3		3			3
CO5	3	2	2	1	3		3		3	3	3	1

Semester :						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Allied – Entrepreneurship and Documentation	4	4			Theory

Introduction:

To develop and strengthen entrepreneurial quality and motivation in students. To impart entrepreneurial skills and understandings to run a business effectively and efficiently. Students will gain knowledge and skills needed to run a business.

Course Outcome:

CO1	:	Understand the different terms of entrepreneurship and management
CO2	:	Understand the institutions that supports the entrepreneurs
CO3	:	To acquire knowledge on export and imports
CO4	:	To acquire knowledge on setup for export promotion
CO5	:	Gain knowledge about the credit and finance in export

UNIT I

Entrepreneurship- Meaning definition and types, need for Entrepreneurs, qualities and types of Entrepreneurships. Difference between Entrepreneur and manager. Management-Definition Management as a process –Planning, organizing, Directing Controlling, Co-ordination.

Unit II

Institutions supporting entrepreneurs- DIC, NSIC, SISI, SIPCOT, TII, KVIC, CODISSIA, Commercial Banks –SBI. Organizational structure of a garment unit –Hierarchical organization, production planning and control.

Unit III

Export-Import Procedure - Export Procedure, Import Procedure, Study of latest Export-Import Policy, Cost Factors of Export-Imports Goods. Documentation in Foreign Trade - Commercial Invoice, GR Form, Letter of Credit, Bill of Exchange, Shipping Bill, Marine Insurance Policy, Bill of Lading, Mate's Receipt, Certificate of Origin, Packing List

Unit IV

Institutional Set-up for Export Promotion - Basic information about- EIC (Export Inspection Council), DGFT ((Directorate General of Foreign Trade), IIFT (Indian Institute of Foreign Trade), IIP(Indian Institute of Packaging), EPB(Export Promotion Board),

ICA(Indian Council of Arbitration), FIEO(Federation of Indian Export Organization), SEZ(Special Economic Zone).

Unit V

Export Credit and Finance – Importance, Methods and Sources of Export Credit and Finance, Short Term Credit-sources, Medium- and Long-Term Credit and Finance, Methods and Terms of Payment in International Marketing, A brief study of ECGC and Export-import Bank.

Reference books:

1. Entrepreneurship Development in India – Dr. C.B Gupta, Dr N.P. Srinivasan, sultan Chand and sons Delhi, 1997
2. Garment Exports – Darlie O Koshy (1997)
3. Export /Import procedures and Documentation – Thomas E. Johnson’s and Donna L. Bade’s , Fourth Edition, 2010.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	3	3	1	1	3	3	1	3	
CO2	1	1	1	3	3	1	1	3	3	1	3	3
CO3	1	1	1		3	3	1			3	3	
CO4	1	1	3	3		1	1	3	3			3
CO5	1	1	1			1	1			3	3	1

Semester :						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Allied – Principles of Management	4	4			Theory

Introduction:

To enable the students to learn principles, concepts and functions of Management. Identify the key competencies needed to be an effective manager. Provide the students with the capability to apply theoretical knowledge in simulated and real-life settings. Develop the students' ability to work in teams

Course Outcome:

CO1	:	Discuss and communicate the management evolution and how it will affect future managers
CO2	:	Observe and evaluate the influence of Historical forces on the current practice of management
CO3	:	Identify and evaluate social responsibility and ethical issues involved in business situations and logically articulate own position on such issues.
CO4	:	Practice the process of management's four functions: planning, organizing, leading, and controlling
CO5	:	Identify and properly use vocabularies within the field of management to articulate one's own position on a specific management issue and communicate effectively with varied audiences.

UNIT I

Introduction- Definition of management, nature and scope of management - Management as a science and art, Management as a profession, Management and Administration-Managerial roles and Skills; Development of Management through; Classical and neo – classical systems; Contingency approaches: - Robert Owen, Taylor Fayol, and Elton Mayo.

UNIT II

Planning – Nature – Importance – Forms – Types – Steps in Planning – Objectives – Policies – Procedures and Methods – Nature and Types of Policies – Decision Making – Process of Decision making – Types of Decisions – Problems involved in Decision – making.

UNIT III

Organizing – Types of Organization (Line and Staff, Committees, Projects, Matrix) – Organizational structure – Span of Control – Departmentalization – Informal Organization Meaning and functions of Staffing.

UNIT IV

Authority – Delegation – Decentralization – Difference between authority and power – Uses of authority – Distinction between Centralization decentralization – Responsibility –Nature,

Purpose and Scope of Directing. - Controlling – Meaning, importance and Types of Control – Control Process.

UNIT V

Co-ordination – Need for Co-ordination – Types – Techniques – hierarchy of control-Co-operation-meaning- Distinction between co-ordination and co-operation – Requisites for excellent Co-ordination.

Text Book:

1. P.C. Tripathy, “Principles of Management,” Tata McGraw hill publishing Company ltd, 5th Edition, 2012, New Delhi. 2. T. Ramasamy, “Principles of Management,” Himalaya Publishing House, First Edition, 2014.

Reference Books:

1. R.K.Sharma&ShashiK.Gupta, Principles of Management
2. Bhushan Y.K, “Business Organization,” Sultan Chand & Sons, Nineteenth Edition -2013.
3. L.M. Prasad, Principles of Management, 5th Edition, Himalaya publication, Mumbai – 2006.
4. Hellriegel, Slocum & Jackson, ' Management - A Competency Based Approach', Thomson South Western, 10th edition, 2007.
5. S.Bagad, 'Principles of Management', Technical Publications, 4th edition, 2013.

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3	1	3	1	1	3	1	1
CO4	1	3	1	1	3		1	3	3	1	3	1
CO5	3	1	1	3	1	3	1	1	3	1	1	

Semester :						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Allied – Dynamics of Fashion	4	4			Theory

Introduction:

Help to learn about terms related to fashion industry and acquire knowledge about the colour theory and understanding about designs and its elements.

Course Outcome:

CO1	:	Helps to learn about fashion industry.
CO2	:	To acquire the basic skills and knowledge of designs and its elements.
CO3	:	Identify to know about the color theories.
CO4	:	Acquire the knowledge about dress designing.
CO5	:	Understanding about factors of fashion.

UNIT - I

Origin of Fashion – Importance of fashion - Development of fashion, Components of fashion- Design Details, Texture, Color and Silhouette. **Types of silhouette** – Natural Body, Slim line, Wedge, Hour Glass, Extreme Volume Silhouette.

UNIT - II

Fashion Focus – The designers Role, The Manufacturers Role, The Retailers Role. Scope of Fashion Business – Primary Level, The Secondary Level, The retail level and the Auxiliary level. Study about International Designers – Fashion related cycle and theories.

UNIT - III

The Movement of Fashion - Factors influencing fashion movement -Accelerating factors, retarding factors, and Recurring fashions. Predicting the movement of fashion.

UNIT - IV

Types of designers – High fashion Designer, Stylist, and Freelance Designer. Sources of design inspiration. Indian fashion Designers- Manish Malhotra, Ritu kumar, Ritu beri, Tarun Tahilani, Wendell Rodricks, Abu Jani and Sandeep Khosla, JJ Valaya, Rina Dhaka, Manish Arora, and Rohit Bal.

UNIT - V

Study of International Fashion centers – France, Italy, England, Germany, Canada, New York. Study of International Fashion Brands – Women's Wear, Men's Wear, Kids Wear, Sports Wear, Cosmetics and Accessories.

Textbooks:

1. Elaine Stone. 2001. **The Dynamics of Fashion**. Fair child publications, New York.
2. Gini Stephan Friens . 1999. **Fashion from concept to consumer**. [Sixth Edition]. Prentice Hall.

REFERENCE BOOKS:

1. Ellen Diamond. 2007. **Fashion Retailing**. Pearson Education. INC and Dorling Kinderley Publishing, Delhi.
2. Kitty G, Dickerson. 2005. **inside the fashion Business**. Pearson Education. INC and Dorling Kinderley Publishing, D

Mapping Of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3		1	1	1	1	3	3	3	1	1
CO2	1	1	1	3	3	1		1	1	1	1	1
CO3	1	3	1	3	3	1	3	1	1	3	1	1
CO4	1	3	1	1	3		1	3	3	1	3	1
CO5	3	1	1	3	1	3	1	1	3	1	1	

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Allied – Business Finance	4	4			Theory

Introduction:

Enable student to understand the financial aspects of a Business 2. Make students prepare financial plan with a clear understanding of expenses and earnings 3. Understand the principles of equity shares, bonds, debentures and fixed deposits

Course Outcome:

CO1	:	Understand the scope and functions of Finance
CO2	:	Work on a financial Plan
CO3	:	Work on cost theory and earnings theory
CO4	:	Calculate the cost of individual and composite cost of capitals
CO5	:	Aware of the advantages and limitations of Equity shares, bonds, debentures and deposits

UNIT – I

Business Finance: Introduction – Meaning – Concepts – Scope – Functions of finance, Traditional and modern concepts – content of modern finance functions.

UNIT – II

Financial Plan: Meaning – Concept – objectives – Types – Steps – Significance – Fundamentals.

UNIT – III

Capitalisation – Bases of Capitalisation – Cost Theory – Earning Theory – Over Capitalisation – Under Capitalisation – Symptoms – causes – remedies – Watered Stock Vs. Over Capitalisation

UNIT – IV

Capital Structure – Cardinal Principles of capital structure – Trading on equity – Cost of capital – concept – Importance – Calculation of Individual and composite cost of capital.

UNIT – V

Sources and forms of Finance: Equity Shares, Preference Share, Bonds, Debentures and fixed deposits – features – advantages and disadvantages.

Text Book(s)

2. Essentials of Business Finance, R.M.Sri Vatsava, Himalaya Publishing House, 2016
3. Financial Management – Saravana Vel, Kalyani Publishers, New Delhi, 2004
4. Financial Management – B.Y.Pandey, Tata McGraw Hill, New Delhi, 2000.
5. Financial Management - An Analytical and Conceptual Approach, S.C.Kuchhal, Chitanya Publishing House, 1982.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	1	1	3	3	3	1	3	3	3	3	
CO2	3	1	1	3	3	3	1	3	3	3	3	3
CO3	1	1	1				1					3
CO4	1	1	1			1	1		3			
CO5	1	1	1	3	3	1	1		3			3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Allied – Technical Textiles	4	4			Theory

Introduction:

To impart knowledge on technical fabric manufacture and fabric characteristics.

Course Outcome:

CO1	:	To develop an understanding of fiber in technical textile.
CO2	:	To become familiar with various usage of technical textile.
CO3	:	Understand bonding methods in fabrics.
CO4	:	Student will be understanding the usage of technical textile in various field.
CO5	:	Student will implement the application of fibers in the field of technical textile.

Unit - I

Technical textiles – Meaning, Definition, Classification, Scope of technical textiles, Application of technical textiles, Fibers suitable for technical textiles – Developments in fibers- natural fibers, polyamide, polyester, viscose rayon, polyolefin, high performance fibers, glass and ceramics.

Unit – II

Automobile tech – Introduction, Textiles in cars, train, air craft's, marine and other vehicle applications.

Pack tech – Introduction, classification of Pack textiles, applications and uses.

Build tech – Introduction, fibers and composites, Interior design, acoustic, false fencing, hoardings, signage, scaffolding nets, awnings, canopies, tarpaulins, architectural membranes, roofing materials and concretes.

Unit - III

Geo tech – Introduction, Geosynthesis, properties of Geo textiles, Applications of Geo textiles – soil erosion control, land slide, road construction, dam construction, Geo textiles structural forms.

Agro tech – Introduction, application of Agro textiles and Agro textile products.

Agro textile for horticulture and floriculture, Textiles in animal husbandry, fishing and Aquaculture applications

Unit - IV

Sports tech – Introduction, classification – sporting equipment's, sport wears, personal protective textile materials in sports.

Pro- tech – Introduction, Classification – self-protection, protection against calamities, external Protective materials, heat protection, Ballistic protective materials.

Functional finishes –Classification, methods and applications –wrinkle free finishes, water repellent finish, rot and mildew proof finish, antistatic finish, and soil release finish. Fireproof, Flame retardant finish, UV protective materials.

Unit - V

Special purpose finishes – methods and applications – silicone finish, denim finish – stonewash and enzyme wash, fragrance finish, UV protection finish, anti-bacterial finish, and phase change finishes. Micro encapsulation techniques, nano finishes

References

1. Meachm Lewin & Jack Preston, and book of Fiber Science & Technology. Volume III, High technology fibers part A; Marcel Dekker. Inc 1993
2. Menachem Lewin & Jack Preston; Handbook of Fiber Science & Technology Volume III, High technology fibers, part B; Marcel Dekker Inc 1993
3. Menachem Lewin & Jack Preston, Hand book of Fiber Science & Technology Volume III, High technology fibers part C Marcel Dekker. Inc 1993
4. Sarah. E Braddock and Marie O' Mahony" Techno textiles – Revolutionary fabrics

for fashion & design”, Thames & Hudson 2002

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	1	1	3	3	3	1	3	3	3	3	
CO2	3	1	1	3	3	3	1	3	3	3	3	3
CO3	1	1	1				1					3
CO4	1	1	1			1	1		3			
CO5	1	1	1	3	3	1	1		3			3

SKILL BASED

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Skill – Fashion Sketching Practical	2			2	Practical

Introduction:

In advanced fashion sketching, students gain more experience drawing the figure, and learn to use Croquis (quick sketches with loose drawings of clothes). Students learn how to capture fashion figure poses on paper and gain a better understanding of proportion and techniques in sketching.

Course Outcome :

CO1	:	To exploit colors in informed and creative way.
CO2	:	To expertise in translating design ideas to fashion sketches.
CO3	:	Capable to use fabric painting to create fashionable designs.
CO4	:	To build new designs for garments.
CO5	:	To intend in different types of drawing fashion accessories.

UNIT – I

Lines and line drawings – object drawing and perspective view drawings, enlarging and reducing motifs.

Learning the usage of various drawing and sketching mediums- pencils, ink, charcoal, brushes, crayons, watercolor and poster colors.

UNIT II

Illustrating Features –Men and Women - Eyes, Ears, Nose, Lips, Finger postures, Leg postures.

UNIT III

Illustrating Human Face – Men and women in different angles.

UNIT IV

Head Theories – 5 head, 8 head, 10 head, 12 head - Drawing a stick figure for both normal and fashion figure-Forming a fleshy figure over a stick figure for front, back and side poses.

UNIT V

Rendering – Denim, chiffon, satin, Silk, Velvet, Leather, Stripes, checks, Animal prints, Floral prints, Abstract design

REFERENCES:

1. Fashion Design Drawing & Presentation, Ireland Patrick John.
2. Fashion design Illustration: Children, Ireland Patrick John,
3. Fashion Design Illustration: Men, Ireland Patrick John
4. Foundation in fashion design and illustration – Julian Seaman.
5. Fashion Sketch Book, Fair child publication, New York

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1		1	1	1	1	3	3	3	3	1	1
CO2	3	3	3		1	1	1	1	1	3	3	3
CO3	1	1	3	3		3	3	3	1	1	1	1
CO4	3	3	1	1		1	1	3	1	3	1	3
CO5	1	1	3	3	3		3	1	1	3	1	3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Skill – Surface Embellishment Practical	2			2	Practical

Introduction:

To provide knowledge and training about the Hand Embroidery used for Fabric Embellishment.
To master the art of making different Embroidery stitches and application of Decorative items.

Course Outcome:

CO1	:	To acquire knowledge about hand embroidery.
CO2	:	To know the collection of different traditional embroidery.
CO3	:	To develop skills in creating types of smocking.
CO4	:	To develop creative ability in designing embroidery using sequence work.
CO5	:	Can utilize the skill gained in embroidery by using in garments.

Prepare samples for the following.

1. Hand embroidery – 20 stitches -10 samples
2. Traditional embroidery
 - Embroidery of Kashmir
 - Phulkari of Punjab
 - Gujarat – Kutch embroidery
 - embroidery of Rajasthan
 - Kasuti of Karnataka
 - Chikan work of lucknow
 - Kantha of Bengal.
3. Machine Embroidery- 3 samples.
4. Smocking -5types
5. Applique (hand)- 3 types
6. Laces – 6 types
7. Bead Work, Sequin’s work, Zardosi work -1 sample
10. Tassels and fringes -2-3 samples.
11. Mirror work –Shapes (Round, square, diamond) 3 samples

Text Book:

1. Traditional Needle Arts Cross Stitch, Katrin, Thunderbay Press, I Edition, California,2011.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1		1	1	1	1	3	3	3	3	1	1
CO2	3	3	3		1	1	1	1	1	3	3	3
CO3	1	1	3	3		3	3	3	1	1	1	1
CO4	3	3	1	1		1	1	3	1	3	1	3
CO5	1	1	3	3	3		3	1	1	3	1	3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Skill – Computer Aided Designing	2			2	Practical

Introduction:

To educate the students about the basic computer software and to train them with fashion sketching software like coral draw, adobe Photoshop.

Course Outcome:

CO1	:	To upgrade their digital fashion design skills to industry standards.
CO2	:	Design patterns and garments using various drawing techniques.
CO3	:	Illustrate various garment components, accessories & human anatomy
CO4	:	To enable designers to create and produce various fashion design presentation products, such as digital trend and concept boards, textile color developments, and digital spec sheets for a portfolio
CO5	:	To gain the knowledge of tools and palettes developed, gaining speed and accuracy in creating flats and sketches

1. Microsoft Word, Excel, PowerPoint:

Microsoft word, excel and power point– Introduction, features and its applications.

2. Adobe Photoshop :

Introduction to Photoshop - Photoshop tools in detail, enhancing images, Masking, transforms, working with layers. Merging & blending layers, text effects. Creating an advertising brochure. Painting & rendering in Photoshop, & 3D effects, making collage in Photoshop, Applying filters

3. Coral Draw:

Introduction to Coral Draw. Learning basic tools of Coral Draw. Using Basic Shapes, Transformations, Duplicate, Cloning. Applying fill, outlines, special effects, shaping objects, creating custom.

4. **Shapes** using basic shapes and other drawing tool, working with the text, Effects, Shaping object with envelope tool, Power Clip objects, splitting and erasing portion of objects

5. **Optitex** – Tools and its applications, 2D and 3D pattern creations, pattern enhancements.

Textbook:

1. Computer Fundamentals; Pradeep Sinha, BPB Pub, II Edition, USA, 2001.

Reference:

1. Computer Colour Analysis; Sule, New Age Enterprises, Delhi, 2014.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	3	3	1	1	3	3	1	3	
CO2	1	1	1	3	3	1	1	3	3	1	3	3
CO3	1	1	1		3	3	1			3	3	
CO4	1	1	3	3		1	1	3	3			3
CO5	1	1	1			1	1			3	3	1

Semester:

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Skill – Fashion Ornaments & Accessories	2			2	Practical

Introduction:

To demonstrate different types of accessories in recent trends and train students to creatively design accessories using various materials in existence and trained to make accessories for fashion show according to their garment.

Course Outcome:

CO1	:	To acquire knowledge on different types of accessories.
CO2	:	To train students to design accessories creatively using various materials.
CO3	:	Develop skills in design accessories for fashion show.
CO4	:	To gain knowledge in making accessories using craft items.
CO5	:	Develop skills in designing accessories for portfolio according to their garment.

Prepare samples for the following :

1. **Handbag** – any three types
2. **Hat** – any two types
3. **Bow** – Decorative bow and formal bow
4. **Belt** – for boy and girl
5. **Jewellery designing** – Teracotta, Antique jewellery, Kundan Jewellery – necklace, earring, chain, studs, bangles, anklets and finger rings.
6. **Jewellery designing** - Crystal jewellery, Bead jewellery– necklace, earring, chain, studs, bangles, anklets and finger rings
7. **Footwear** – any three types
8. **Purse and pouches** – any two types
9. **Hair band and head bands** – any four types
10. **Watches** – any two types

Textbook:

Design Ideas and Accessories, Chargava, English Edition Publishers, IV Edition, Chennai, 2002

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1		1	1	1	1	3	3	3	3	1	1
CO2	3	3	3		1	1	1	1	1	3	3	3
CO3	1	1	3	3		3	3	3	1	1	1	1
CO4	3	3	1	1		1	1	3	1	3	1	3
CO5	1	1	3	3	3		3	1	1	3	1	3

Semester:

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Skill – Computer Aided Designing II	2			2	Practical

Introduction:

To develop and implement CAD techniques in pattern making. To understand the marker making and grading using CAD. To develop skills in creating recent garment styles using CAD.

Course Outcome:

CO1	:	Student will have knowledge on CAD pattern making on garment created.
CO2	:	Student will be familiar with grading techniques in CAD. Testing equipment.
CO3	:	To understand the marker making and grading using CAD.
CO4	:	To develop skills in creating recent garment styles using CAD.
CO5	:	Student can utilize the skill gained in CAD portfolio.

Create the following designs.

1. Motifs / small designs.

2. Embroidery designs for Kerchiefs, Neck lines

3. Chest prints for T-shirts

4. Children's Garments (any one)

Bib, Knicker, Jabla, Frocks, Middi and Tops.

5. Women's Garments (any one)

Churidhar, Full gowns, Princess line Dress, House coats, Aprons, Nighties

6. Men's Garments (any one)

S B vest, T- Shirt, Shirts, Kurta pyjama

7. Design Garments for the following by theme.

- Party Wear – Women, Men, Children.
- Sports Wear- Tennis, Basketball/football (men and Women), Golf, any other.
- Fashion show – Children, men and women
- Winter Wear - Children, men and women

- Summer Wear - Children, men and women
- Spring Wear - Children, men and women
- School uniforms – Preschool, school, higher secondary and college going students- boys and girls.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1		1	1	1	1	3	3	3	3	1	1
CO2	3	3	3		1	1	1	1	1	3	3	3
CO3	1	1	3	3		3	3	3	1	1	1	1
CO4	3	3	1	1		1	1	3	1	3	1	3
CO5	1	1	3	3	3		3	1	1	3	1	3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Skill – Textile Crafts	2			2	Practical

Introduction

To create samples for various crafts in textiles.

Course Outcome:

CO1	:	Understand and utilize yarn for craft making
CO2	:	Make design analysis to introduce a new product
CO3	:	Develop appropriate products with textile material
CO4	:	Analyze and use relevant technique to develop craft items
CO5	:	Create fashionable trimmings and decorative items

Prepare samples for the following:

1. Create ornaments using:

Macrame, Knotting, Braiding, Tatting

2. Carpet-making

3. Creating Hand printed/ painted samples: stole, dupatta and borders

4. Making trimmings and decorative items: Any 5

5. Preparation of wall hanging/Pouches: Using patch work and appliqué

References Books:

Textbooks:

1. Annalees Lim,(2013).Textile Crafts -Craft Attack, The Rosen Publishing Group, New York.

2. Ruth Singer, (2013).Fabric Manipulation: 150 Creative Sewing Techniques, David and Charles,UK.

3. Zeena Shah, (2015), How to Print Fabric: Kitchen-table Techniques for Hand-printed Accessories

With Over 20 Easy Sewing Projects, "F+W Media, Inc,U.S

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1			2					1	1	2
CO2			3	2			1			1	1	
CO3	1				2	3		3	3	1	1	2
CO4	1		3			3	2	3	3	1	1	
CO5	1			2		3				1	1	3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Skill – Soft Toy making	2			2	Practical

Introduction

To create samples for various crafts in textiles.

Course Outcome:

CO1	:	Understand the various soft toy making
CO2	:	To prepare paper model for toys
CO3	:	To understand various cutting for making various soft toys
CO4	:	To understand various stitching procedure for making various soft toys
CO5	:	To understand finishing procedure in making various soft toys

To prepare various models

1. Preparation of paper model of toys
2. Preparation of Santa Claus
3. Preparation of dogs and varieties
4. Preparation of pandas
5. Preparation of flowers
6. Preparation of birds
7. Preparation of Swan
8. Preparation of Teddy bear, polar bear
9. Preparation of Hugging birds
10. Preparation of Elephants/varieties of elephants
11. Preparation of Monkeys

Textbooks:

1. Sue Quinn, (1989). The creative book of soft toys, Mark Publications, Scotts Valley.
2. Pamela Peake, (1974). Creative Soft Toy Making, Bobbs-Merrill co Publications.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1			2					2	2	2
CO2			3	2			1			1	2	
CO3	1				2	3		3	3			2
CO4	1		3			3	2	3	3			
CO5	1			2		3						3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Skill – Ayurvedic Skin Care	2			2	Practical

Introduction

This program gives an insight to Ayurvedic concept of Beauty care. It covers all relevant topics such as Ayurvedic care for skin, hair, eye, mouth, face etc through various herbs.

Course Outcome:

CO1	:	Introduction to common Ayurvedic herbs and Medicinal plants
CO2	:	To understand various skin cares
CO3	:	To understand various hair cares
CO4	:	To understand various pedicures and manicures
CO5	:	To understand about various packs

1. Skin cleansing, toning and moisturizing techniques based on Ayurveda.
2. Demonstration of Ayurvedic beauty enhancing procedures such as Swedana, Aalepa etc with different herbs.
3. Preparation of different Lepa
4. Lipcare, eye care, nailcare through Ayurveda.
5. Homemade Ayurvedic hair spa, Ayurvedic hairdyes and hairpacks.

Text Books:

1. Melanie Sachs, (1995). Ayurvedic Beauty Care Ageless Techniques to Invoke Natural Beauty, Motilal Banarsidass, Chennai.
2. Pratima Raichur, Mariam Cohn, (2014). Absolute Beauty: Radiant Skin and Inner Harmony Through the Ancient Secrets of Ayurveda, HarperCollins, New York.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P02	PO2	P03	P04	P05	P06	P07	P08	P09	P020	P022	P022
CO2	2		2	2	2	2	3	3	3	3	2	2
CO2	3	3	3		2	2	2	2	2	3	3	3
CO3	2	2	3	3		3	3	3	2	2	2	2
CO4	3	3	2	2		2	2	3	2	3	2	3
CO5	2	2	3	3	3		3	2	2	3	2	3

*Rathinam College of Arts & Science (Autonomous), Coimbatore-21.
Admitted in B.Sc. Costume Design and Fashion from the academic year 2021-2022 & onwards.*

Regulations 2021

ELECTIVE

Approved in the BOS meeting held on 05.05.2021

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSE – Organisation of Garment Unit	4	4			Theory

Introduction:

Enable student to become a successful entrepreneur / manager in the future. Impart knowledge on the organisation of the various departments of a garment unit. Gain a better understanding of a garment unit with SWOC analysis

Course Outcome:

CO1	:	Interpret the meaning of entrepreneur and management
CO2	:	Understand the organizational structure of a garment unit
CO3	:	Plan factory design and layout to suit the production needs
CO4	:	Prepare cost sheet for a finished product
CO5	:	Set up a garment unit by performing SWOC analysis

UNIT – I

Entrepreneur- Meaning, definition and types, need for Entrepreneurs, qualities, and role of Entrepreneur. Management – Definition. Management as a process – Planning, organizing, Directing, Controlling and Co Ordination. Difference between Entrepreneur and Manager

UNIT – II

Organizational structure of a garment unit, Design department, Finance department, purchasing department, Production department, organizing different sections – hierarchy Personnel involved in all the departments, nature of the job. Role of HR in apparel industry.

UNIT – III

Factory Design and layout – importance of factory design, factors affecting factory design, Types of buildings (single and Multi-Storey) – advantages and limitation. Factory layout – Process, Product and combined layout Design requirement – requirements relating to health, safety and welfare. Balancing – Steps to balance the line - Initial balance - Balance control - Efficiency - Cycle checks - Balancing tools.

UNIT – IV

Principles of costing - requirement of good costing system. Cost estimation of yarn and fabric. Cost estimation for dyeing, printing, embroidery, cutting, stitching, checking, packing, final inspection, shipping and insurance.

UNIT – V

Performance of Indian Garment Export and Institutions supporting Entrepreneurs, SWOC Analysis Setting up of garment unit for export market, Export Document, Export finance - Payment method, Export shipping. Institutions supporting entrepreneurs- DIC, NSIC, SISI, SIPCOT, TII, KVIC, CODISSIA, Commercial banks – SBI.

Text Book(s)

2. Introduction to Clothing Production Management, AJ Chester 2nd Edition, Wrenbury Associates Ltd, 1998.
3. The technology of clothing manufacture, Harold Carr and Barbara Latham, Blackwell Science, 1994.
4. Apparel Costing, A functional Approach- Krishnakumar. M, Abishek Publications, Chandigarh, 2011.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	3	3	1	1	3	3	1	3	
CO2	1	1	1	3	3	1	1	3	3	1	3	3
CO3	1	1	1		3	3	1			3	3	
CO4	1	1	3	3		1	1	3	3			3
CO5	1	1	1			1	1			3	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSE - Fashion Styling and Modelling -Practical	4			4	Practical

Introduction:

Acquire knowledge on fashion styling and fashion modelling covering all the concepts and aspects of designing, self-grooming and fashion photography. Understand fashion trends, strategies and professional practices.

Course Outcome:

CO1: Understanding the concept of modelling.
CO2: To acquire the basics in Grooming.
CO3: Designing and understanding styling.
CO4: Acquire knowledge about the Fashion photography.
CO5: Create a portfolio, video and Magazine.

UNIT 1 – Preparing a look book.

- Preparing for Modelling
- Ramp walk and Catwalk.
- Posture and Body Language

UNIT 2 – Preparing a Portfolio

- Personal Grooming – makeup/ hair styling
- Fitness and Dieting

UNIT 3 – Preparing for Styling

- Personal Styling

- Accessory Styling
- Rules of fashion styling in the planning,
- Develop & present diver types of clothing.

UNIT 4 - Fashion Photography

- Elements of photography
- Lighting, camera techniques
- Depth of Field and Focus and framing

UNIT 5 – Creating a Portfolio

- Creating look for 2D (Print media) & 3D (Tv Music Video etc..) – You tube channel.
- Photography in indoor and outdoor shoots–Settings and techniques
- Model Photo Shoot with styling, for magazine cover and posters – Department magazine

Textbook:

1. Langford Fox, sawdon Smith, Basic Photography, Taylor and Francis, 2012
2. Fashion Stylist hand book, Danielle Griffiths, Laurence King Pub.Ltd.,2016
3. Basic fashion design styling, Jacqueline McAssey

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1	3	3	1	1	3	3	1	3	
CO2	1	1	1	3	3	1	1	3	3	1	3	3
CO3	1	1	1		3	3	1			3	3	
CO4	1	1	3	3		1	1	3	3			3
CO5	1	1	1			1	1			3	3	1

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSE – Export Analysis and Documentation	4	4			Theory

Introduction:

To explore the knowledge about the regulation of AEPC. To apply the terms and methods in the documentation purpose. To understand about the license procedure, pre-shipment charges and transaction

Course Outcome:

CO1	:	Apply the costing techniques
CO2	:	Infer the apparel promotion rules and functions
CO3	:	Explain the importance of export documentation
CO4	:	Classify the duties and responsibilities of import and export license
CO5	:	Compile the details on exchange of bills and documentation before shipping

UNIT – I

Cost estimation of yarn, knitted fabric, dyeing, printing & finishing. Cost estimation for cutting, stitching, checking, forwarding, shipping and insurance –INCO terms & their relationship with costing. Estimation of factory cost for vest, briefs, shorts, T-Shirts, pyjamas, children's wear and women's wear. Various factors to be considered in costing for domestic products & international products

UNIT – II

Introduction – Apparel Export promotion Council and its role – Registration formalities – Registration cum membership certificate – Import Export code – RBI code. Benefits and incentives offered by Government of India to garment export. Role of SEZ and apparel parks in export.

UNIT – III

Need, rationale and types of documents relating to goods – Invoice – Packing note and list – Certificate of origin – Certificates related to shipment – Mate receipt – Shipping bill – Certificate of measurement – Bill of lading – Air way bill – Documents related to payment – Letter of credit Bill of exchange – Letter of hypothecation – Bank certificate for payment – Document related to inspection – Certificate of inspection – GSP and other forms. Importance of insurance of goods in foreign trade – ECGC and its role.

UNIT – IV

Import license – Procedure for import license – Import trade control regulation procedure – Special schemes – Replenishment license – Advance license – Split up license – Spares for after sales service license – Code number – Bill of entry

UNIT – V

Pre shipment inspection and quality control – Foreign exchange formalities – Pre shipment documents. Shipment of goods and port procedures – Customs clearance

Text Book(s)

1. Export-What, Where, How, Paras Ram and Nikhil K. Garg, Anupam Publishers, New Delhi, 2016.
2. Export Import Procedures - Documentation and Logistics, C. New Age International (P) Limited, Rama Gopal, 2006.
3. Export/Import Procedures and Documentation, Thomas E. Johnson and Donna Bade, AMACOM, 2010.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1			1	3	3	3	3	3	
CO2	1	1	1			1	1	3	3	3	3	
CO3	1	1	3			1	1	3	3	1	1	
CO4	1	1	3			1	1	1	1	1	1	
CO5	1	1	3			1	3	1	1	1	1	

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSE - Advanced Fashion Sketching Practical	4			4	Practical

Introduction:

In advanced fashion sketching, students gain more experience drawing the figure, and learn to use Croquis (quick sketches with loose drawings of clothes). Students learn how to capture fashion figure poses on paper and gain a better understanding of proportion and techniques in sketching.

Course Outcome:

CO1	:	To exploit colors in informed and creative way.
CO2	:	To expertise in translating design ideas to fashion sketches.
CO3	:	Capable to use fabric painting to create fashionable designs.
CO4	:	To built new designs for garments.
CO5	:	To intend in different types of drawing fashion accessories.

UNIT – I

Rendering – Denim, chiffon, satin, Silk, Velvet, Leather, Stripes, checks, Animal prints, Floral prints, Abstract design in garments

UNIT – II

Creating illustrations with various garment styles for Men, Women and Children – for casual wear, party wear and sportswear.

UNIT – III

Drawing the stylized figures of Men, Women and Children (using 10 heads or 12 heads).

UNIT – IV

Drawing garments for different seasons – summer, winter, autumn and spring – for Men, Women and Children.

UNIT – V

Men and Women illustration on the background of party and office, children illustration on the background of party and picnic.

REFERENCES:

1. Fashion Design Drawing & Presentation, Ireland Patrick John.
2. Fashion design Illustration: Children, Ireland Patrick John,
3. Fashion Design Illustration : Men, Ireland Patrick John
4. Foundation in fashion design and illustration – Julian Seaman.
5. Fashion Sketch Book, Fair child publication, New York

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1		1	1	1	1	3	3	3	3	1	1
CO2	3	3	3		1	1	1	1	1	3	3	3
CO3	1	1	3	3		3	3	3	1	1	1	1
CO4	3	3	1	1		1	1	3	1	3	1	3
CO5	1	1	3	3	3		3	1	1	3	1	3

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSE – Apparel Quality Management	4	4			Theory

Introduction:

Inculcate knowledge in the field of quality parameters. Plan and execute the application of quality standards in garment industry. Analyze the improvement methods in the TQM techniques.

Course Outcome:

CO1	:	Relate quality parameters for yarn and fabric
CO2	:	Identify the inspection methods for different stages.
CO3	:	Analyse the principles in TQM
CO4	:	Discover ISO standards for garment industry and implement it.
CO5	:	Classify the ISO documentation

Unit-I

Meaning of quality, testing and standard and their importance in apparel industry – Quality terminologies- Sources of international standards. Quality Parameters of yarn :Yarn evenness & hairiness and their effect on fabric quality. Quality parameters of fabric: Brief study of fabric pilling resistance, bursting strength, colour fastness and dimensional stability. Testing of sewing threads, zippers, fusible interlinings, buttons and fasteners.

Unit-II

Inspection: Incoming and raw material inspection: Fabric inspection – 4-point system. In process/ on-line inspection: Advantages – On line inspection during spreading, pattern making, cutting, sewing and ironing. Final inspection: Sampling plans and AQL charts – Level of final inspection. Packing & packaging quality tests. Care labeling and international care symbols.

Unit-III

Principles of TQM – Demings PGDCA Cycle - KAIZAN concepts – 5 „S applications in apparel industry. Application of seven QC tools in apparel industry.

Unit-IV

Understanding of ISO 9001:2000 standards: QMS, management responsibility, resource management, product realization and measurement analysis & improvement – Various documents required for ISO 9001:2000 implementation and its contents – Development of quality system manual for garment industry.

Unit-V

Documented procedures required for ISO 9001:2000 implementation – Procedures for internal quality audit – Management review meeting – Certification process – Surveillance audit.

Text Book(s)

1. ISO 9000 Quality Management System, D.L.Shah Trust, DL Shah Trust Publication, 1999.
2. Managing the Quality in Apparel Industries, Pradeep V Mehta, New Age International (P) Ltd, New Delhi – 1998.
3. An Introduction to Quality Control for the Apparel Industry, Pradip V. Mehta, J.S.N. International, 1985.
4. Quality Characterisation of Apparel, Subrata Das, Woodhead Publishing, 2009.
5. The Fundamentals of Quality Assurance in the Textile Industry, Stanley Bernard Brahams, CRC Press, 2016.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1			1	3	3	3	3	3	
CO2	1	1	1			1	1	3	3	3	3	
CO3	1	1	3			1	1	3	3	1	1	
CO4	1	1	3			1	1	1	1	1	1	
CO5	1	1	3			1	3	1	1	1	1	

Semester:

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSE – Boutique Management	4	4			Theory

Introduction:

To know about the management of boutique and to run a business.

Course Outcome:

CO1	:	To acquire knowledge on creating a business plan.
CO2	:	Develop skills to run a business and sourcing of raw materials.
CO3	:	To acquire knowledge on buyer customer relationship.
CO4	:	Develop skills to run a boutique.
CO5	:	Develop skills in research and development of boutique.

Unit-I

How to start a boutique, creating a business plan, finding a ideal location, financial planning.

Unit-II

Government norms to run a boutique, interior designing, sourcing of raw materials, and inventory planning.

Unit-III

Buyer supplier relationships, consumer relationship, tips and tricks to attract customers.

Unit-IV

Essential technology to run a boutique and labour management and warehouse.

Unit-V

Quality control, research and development and analysis, marketing and promotion, maintenance of boutique.

REFERENCE:

1. Opening a boutique store: how to start your own boutique, Briana Stewart Bull City Publishing, 2014.
2. Fabjob guide to become a boutique owner, Tag Goulet, Debra Mikaelson, Catherine Goulet, Fabjob incorporated,2011.
3. Fashion unraveled: How to start ,run and manage an independent Fashion Label,Jennifer Lynne Mathews, 2009.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1	1	1			1	3	3	3	3	3	
CO2	1	1	1			1	1	3	3	3	3	
CO3	1	1	3			1	1	3	3	1	1	
CO4	1	1	3			1	1	1	1	1	1	
CO5	1	1	3			1	3	1	1	1	1	

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	DSE – Home Textiles Practical	4			4	Practical

Introduction:

To gain knowledge in soft furnishings and in home textiles. To develop skills in creating home furnishing products. Get an idea for furnishing home textiles for different people.

Course Outcome:

CO1	:	To design and construct home furnishings.
CO2	:	To have a collection of home furnished for different people.
CO3	:	To develop skills in creating home furnishing product.
CO4	:	To develop creative ability in designing home furnishing.
CO5	:	Can utilize the skill gained in furnishing for different types of rooms.

Prepare samples for the following:

1. Design and Construct Bed-linens - quilt.
- 2 Design and Construct Table - linens – Table cover, Chair cover, Table runner, Placemats.
3. Design and Construct Curtains – Any 2 designer types.
4. Design and Construct Kitchen linens – apron, mittens, fridge cover with compartments, breadbasket
5. Design and Construct doormats.
6. Design and Construct bedding for newborn baby.

References

- 1.Cheryl Mendelson, Home Comforts-the arts and science of keeping home, published by Scriber, New York,2005.
2. Hamlyn octopus, Cushions and Pillows- professional skills –made easy, Octopus publishing group, New York,2001.
3. Magi Mc McCormick Gordon, The ultimate sewing Book 200 sewing ideas for you and your home, Collins and Brown,London,2002.
4. Anne van Wagner Childs Leisure Arts- Inc., Sew no more Home Décor,Arkansas,U.S.A,1993.

Mapping of Course Outcomes with Program Outcomes:

Course Outcomes	Program Outcomes											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	1		1	1	1	1	3	3	3	3	1	1
CO2	3	3	3		1	1	1	1	1	3	3	3
CO3	1	1	3	3		3	3	3	1	1	1	1
CO4	3	3	1	1		1	1	3	1	3	1	3
CO5	1	1	3	3	3		3	1	1	3	1	3

ABILITY ENHANCEMENT COURSE

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Environmental Studies	2	2	0	0	FC

Unit I

A Multidisciplinary Subject – Natural Resources – Forest Resources – Water Resources – Mineral Resources – Food Resources – Energy Resources – Land Resources.

Unit II

Ecosystem – Concepts of Ecosystem – Characteristics – Food Chains – Food Web – Ecological Pyramids – Energy Flow in an Ecosystem – Nutrient Cycling – Primary Production – Ecosystem Regulation – Ecological Succession – Major Ecosystem Types.

Unit III

Biodiversity and its Conservation – Diversity – Biogeographically Classification of India – Value of Biodiversity – Global Biodiversity – Biodiversity: National, Regional or Local – Hot Spots of Bio Diversity – Threats to Biodiversity – Loss of Habitat – Poaching – Man-wildlife Conflicts – Endangered Species of India – Endemic Species of India – Conservation of Biodiversity.

Unit IV

Environmental Pollution – Air pollution – Noise Pollution – Water Pollution – Thermal Pollution – Marine Pollution – Soil Pollution – Nuclear Hazards – Solid Waste Management – Role of an Individual in Prevention of Pollution – disaster Management.

Unit V

Social Issues and the Environment – From unsustainable to sustainable development – Urban problems related to energy – Water Conservation – Rainwater Harvesting – Watershed Management – Resettlement and Rehabilitation Issues – Environmental Ethics – Climate change – Global Warming – Acid Rain – Ozone Layer Depletion – Environmental Legislation.

Reference books:

1. Perspectives in Environmental Studies – Aubha Kaushik, C. P. Kaushik, New Age International Publishers, Second Edition, 2004.
2. Basics of Environmental Science – Michael Allaby, Routledge – London, 2nd Edition, 1996.
3. Principles of Environmental Science and Technology – K. Saravanan, S. Ramachandran and R. Baskar, New Age International Publishers, 2005.

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Women Studies	2	2	0	0	FC

Unit I

Laws, Legal Systems and Change

Definition - Constitutional law, CEDAW and International Human Rights – Laws and Norms – Laws and Social Context – Constitutional and Legal Framework.

Unit II

Politics of land and gender in India

Introduction – Faces of Poverty – Land as Productive Resources – Locating Identities – Women's Claims to Land – Right to Property - Case Studies.

Unit III

Women's Rights: Access to Justice

Introduction – Criminal Law – Crime Against Women – Domestic Violence – Dowry Related Harassment and Dowry Deaths – Molestation – Sexual Abuse and Rape – Loopholes in Practice – Law Enforcement Agency.

Unit IV

Women's Rights

Violence Against Women – Domestic Violence - The Protection of Women from Domestic Violence Act, 2005 - The Marriage Validation Act, 1982 - The Hindu Widow Re-marriage Act, 1856 - The Dowry Prohibition Act, 1961

Unit V

Special Women Welfare Laws

Sexual Harassment at Work Places – Rape and Indecent Representation – The Indecent Representation (Prohibition) Act, 1986 - Immoral Trafficking – The Immoral Traffic (Prevention) Act, 1956 - Acts Enacted for Women Development and Empowerment - Role of Rape Crisis Centers.

Reference books:

1. Nitya Rao “Good Women do not Inherit Land” Social Science Press and Orient Blackswan 2008
2. International Solidarity Network “Knowing Our Rights” An imprint of Kali for Women 2006
3. P.D.Kaushik “Women Rights” Bookwell Publication 2007
4. Aruna Goal “Violence Protective Measures for Women Development and Empowerment” Deep and Deep Publications Pvt 2004
5. Monica Chawla “Gender Justice” Deep and Deep Publications Pvt Ltd.2006
6. Preeti Mishra “Domestic Violence Against Women” Deep and Deep Publications Pvt 2007
7. ClairM.Renzetti, Jeffrey L.Edleson, Raquel Kennedy Bergen, Source Book on “Violence Against Women” Sage Publications 2001

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Constitution of India	2	2	0	0	FC

Unit I

Making of Constitution - Constituent Assembly - Dr.Rajendra Prasath - Dr.B.R.Ambedkar - Salient features - Fundamental Rights.

Unit II

Union Executive - President of India - Vice-President - Prime Minister - Cabinet - Functions

Unit III

Union Legislature - Rajiya Sabha - Lok Sabha - Functions and Powers

Unit IV

Union Judiciary - Supreme Court - Functions - Rule of law

Unit V

State - Executive - Legislature - Judiciary

Reference books:

1. Agharwal.R.C. - National Moment and Constitutional Development – New Delhi, 1977
2. Chapra B.R., Constitution of India, New Delhi, 1970
3. Rao B.V., Modern Indian Constitution, Hyderabad, 1975.
4. Nani Palkhivala - Constitution of India, New Delhi, 1970
5. Krishna Iyer, V.R., Law and Justice, New Delhi, 2009

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Value Education – Human Rights	2	2	0	0	FC

UNIT – I:

Concept of Human Values, Value Education Towards Personal Development - Aim of education and value education; Evolution of value oriented education; Concept of Human values; types of values; Components of value education. Personal Development: Self-analysis and introspection; sensitization towards gender equality, physically challenged, intellectually challenged. Respect to - age, experience, maturity, family members, neighbors, co-workers.

Character Formation towards Positive Personality: Truthfulness, Constructively, Sacrifice, Sincerity, Self-Control, Altruism, Tolerance, Scientific Vision.

UNIT – II:

Value Education towards National and Global Development - National and International Values: Constitutional or national values - Democracy, socialism, secularism, equality, justice, liberty, freedom and fraternity. Social Values - Pity and probity, self-control, universal brotherhood. Professional Values - Knowledge thirst, sincerity in profession, regularity, punctuality and faith. Religious Values - Tolerance, wisdom, character. Aesthetic values - Love and appreciation of literature and fine arts and respect for the same. National Integration and international understanding.

UNIT – III:

Impact of Global Development on Ethics and Values - Conflict of cross-cultural influences, mass media, cross-border education, materialistic values, professional challenges and compromise. Modern Challenges of Adolescent Emotions and behavior; Sex and spirituality: Comparison and competition; positive and negative thoughts. Adolescent Emotions, arrogance, anger, sexual instability, selfishness, defiance.

UNIT - IV:

Introduction – Law – Functioning of Court – Hierarchy of Courts – seeking Justice – Dragged into the Net – Help thy Neighbor – You snooze, You Lose - Crime & Punishment – Introduction to Criminal Law – Encounter with Criminal Law – Limitation and other restrictions for prosecution – Major offences and punishments - Guardianship and Minority – Civil Marriage – Compulsory Registration of Marriages – Relief through Family Court – Writing a Will.

UNIT - V:

Protection of Women under Civil Law – Protection of Women under Criminal law – Protection of Child under Civil and Criminal Law - Protection of Workmen - Consumer Protection – Consumer friendly forums – Defective and

Hazardous Good – Deficiency in Service – Unfair and Restrictive trade practices – Quality of Goods – Right to Information Act – Cyber Crimes – E- Commerce.

Textbook:

1. Value Education – Human Rights – Learning Material, Bharathiar University, 2009.
2. Introduction to Human Rights and Duties - Dr.T. S.N.Sastry, University of Pune, 2011
3. Human Rights Education for Beineers - KWIRC , NHRC, 2005.
4. Layman’s Guide to Law, Yetukuri Venkateswara Rao, Asia Law House, 2008.

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Yoga	2	2	0	0	FC

Unit I - Yoga and Physical Health

- 1.1. Physical Structure - Three bodies - Five limitations
- 1.2. Simplified Physical Exercises - Hand Exercises - Leg Exercises – Breathing Exercises - Eye Exercises – Kapalapathi
- 1.3. Maharasanas 1-2 - Massages - Acu-puncture – Relaxation
- 1.4. Yogasanas - Padmasana- Vajrasanas - Chakrasanas . (Side)- Viruchasanas- Yoga muthra- Patchimothasanas – Ustrasanas - Vakkarasanas - Salabasanas

Unit II - Art of Nurturing the life force and Mind

- 2.1. Maintaining the youthfulness - Postponing the ageing process
- 2.2. Sex and Spirituality - Significance of sexual vital fluid - Married life - Chastity
- 2.3. Ten stages of Mind
- 2.4 Mental frequency - Methods for concentration

Unit III - Sublimation

- 3.1. Purpose and Philosophy of life
- 3.2. Introspection - Analysis of Thought
- 3.3. Moralization of Desires
- 3.4. Neutralization of Anger

Unit IV - Human Resources Development

- 4.1. Eradication of worries
- 4.2. Benefits of Blessings
- 4.3. Greatness of Friendship
- 4.4. Individual Peace and World Peace

Unit V - Law of Nature

- 5.1. Unified force- Cause and Effect system
- 5.2. Purity of Thought and Deed and Genetic Centre
- 5:3. Love and Compassion
- 5.4. Cultural Education - Five fold Culture

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	NCC	2	2	0	0	FC

Unit I - INTRODUCTION TO NCC

Introduction to NCC, NCC Motto, Flag, Aims, Cardinal points of NCC, Organization of defense forces in general, Organizational structure of Indian Army, Organizational structure of NCC, Ranks in Army, Navy and Air Force, Honors and Awards.

Unit II - MILITARY HISTORY

World war I & World war II Famous Battles / Wars of India: Battle of the Ten Kings - 14th century BCE, Kalinga War - 262 BC, Battle of Takkolam – 949, Battle of Saragarhi -12 September 1897, Indo – Pak War 1971, Kargil War 3 May–26 July 1999.

Unit III - NATIONAL INTEGRATION

Meaning and Importance, Unity in Diversity, Indian History and culture, Religion and customs of India, India and its Neighbors, contribution of Youth in National Building.

Unit IV - LEADERSHIP

Meaning, Leadership Traits, Types of Leadership, Discipline & Duty of an Indian Citizen, Motivation, Code of Ethics, Perception, Communication, Importance of Team Work.

Biography of Successful Leaders: Vijayalaya Chola, Rajaraja Chola I, Rajendra Chola I, Jalal ud din Muhammad Akbar (Akbar the Great) (1556–1605), Muhiuddin Muhammad Aurangzeb Alamgir (1658–1707), Chattrapati Shivaji Maharaj, Peshwa Bajirao I (17 April 1720 – 28 April 1740), Field Marshal Cariappa, Field Marshal Sam Maneksha,

Unit V - CIVIL DEFENCE AND DISASTER MANAGEMENT

Civil Defence: Meaning, Organization and its Duties, Civil Defence Services, Fire Fighting : Meaning, Mode of Fire, Fire Fighting Parties, Fire Fighting Equipment's.

Introduction, Classification of Disaster: Natural Disaster & Man Made Disaster, Disaster Management During Flood, Cyclone and Earth Quake, Assistance in Removal of Debris, Collection and Distribution of Aid Material, Message Services.

Reference books:

1. Cadet's Hand Book- Common Subject, All Wings, by DG NCC, New Delhi.
2. Cadet's Hand Book -Specialized Subject, Army, by DG NCC, New Delhi.

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Communicative English	2	2	0	0	FC

Unit I - Vocabulary building – Puzzle

Unit II - Common error in English - Role Play

Unit III - Advertising - Newspaper Reading

Unit IV - Write the missing Verbs - Question Framing

Unit V - Description - Letter writing

Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
19BMAAFC	Quantitative Aptitude	2	2	0	0	FC

Unit I

Introduction: Competitive Exams – Types- Eligibility and Criteria - Public and Private sectors.

Unit II

Number Series – Simplifications – Average – Percentage - Profit and Loss - Partnership

Unit III

Time and Work - Time and Distance - Permutations and Combinations - Probability

Unit IV

Problems on Ages - Coding and Decoding - Blood Relation

Unit V

Direction Sense test - Sitting Arrangements - Syllogism

Rathinam College of Arts & Science (Autonomous), Coimbatore-21.
Admitted in B.Sc. Costume Design and Fashion from the academic year 2021-2022 & onwards.

Regulations 2021

VALUE ADDED COURSE

Approved in the BOS meeting held on 05.05.2021

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Value Added Course – Fiber Survey Report	2			2	Practical

Introduction:

A creative, innovative, and well-developed handmade Portfolio Report to share his or her original ideas.

1. To collect different types of fibres.
2. To Understand about the fibres.
3. To create a portfolio with the collected fibres.

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Value Added – Yarn Survey	2			2	Practical

Introduction:

A creative, innovative, and well-developed handmade Portfolio Report to share his or her original ideas.

1. To collect different types of yarns.
2. To Understand about the yarns.
3. To create a portfolio with the collected yarns.

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Value Added – Fabric Survey	2			2	Practical

Introduction:

A creative, innovative, and well-developed handmade Portfolio Report to share his or her original ideas.

1. To collect different types of fabrics.
2. To Understand about the fabrics.
3. To create a portfolio with the collected fabrics.

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Value Added – National Designer Cluster	2			2	Practical

Introduction:

A creative, innovative, and well-developed handmade Portfolio Report to share his or her original ideas.

1. To choose top five Indian designers .
2. To collect their current designer collections.
3. To create a portfolio with the collected datas.

Semester:						
Subject Code	Subject Title	Credit	Lecture	Tutorial	Practical	Type
	Value Added – International Designer Cluster	2			2	Practical

Introduction:

A creative, innovative, and well-developed handmade Portfolio Report to share his or her original ideas.

1. To choose top five International designers .
2. To collect their current designer collections.
3. To create a portfolio with the collected datas.

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