

ENVIRONMENTAL STUDIES-I

Course Code	CD-3001 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-I
Number of Credits	2(L-2 T-0, P-0)
Prerequisites	None

Course Objectives

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment.

A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

- Understand the importance of Environmental cleanliness
- Gain knowledge about the causes of Water and Air pollution ,their effects and methods to check the same.
- Have the knowledge of different types of solid waste and their management techniques.

COURSE CONTENTS**1. General :**L
3

- 1.1 Biotic and abiotic environment.
- 1.2 Adverse effects of Environmental Pollution
- 1.3 Control strategies

2. Water Pollution :

7

- 2.1 Water Quality Standards
- 2.2 Surface and underground water sources
- 2.3 Impurities in water and their removal
- 2.4 Adverse effects of domestic waste water and industrial effluent to surface water sources
- 2.5 Self purification of streams

3. Air Pollution :

7

- 3.1 Sources of air contaminants
- 3.2 Adverse effects on human health
- 3.3 Measures to check air pollution
- 3.4 Greenhouse effect
- 3.5 Global warming
- 3.6 Acid rain
- 3.7 Ozone depletion

4. Solid Waste Management :

7

- 4.1 Introduction to solid waste
- 4.2 Its collection and disposal
- 4.3 Recovery of resources
- 4.4 Sanitary land-filling

- 4.5 Vermi-composting
4.6 Hazardous waste management

REFERENCE BOOKS :

1. Patyavaran Shiksha & Dr. V.K. Vijay Dr. A.N. Mathur, Dr. N.S. Rathore
2. Patyavaran Adhyayan Dr. B.C. Jat Dr. Ram Kumar Gujar
3. Patyavaran Avabodh Dr. D.D. Ojha
4. Environmental chemistry and pollution control : S.S. Dora
5. Ecology concepts and application : Manuel C. Muller
6. Environmental protection Emil T. Chanlett
7. Environmental science Cumingham. Saigo
8. Solid waste management : C.I.. Mantell
9. पर्यावरण विनाश के कगार पर राजीव गुप्ता
11. पर्यावरण जीवों का आंगन प्रेमानन्द चंदोला
12. पर्यावरण (त्रैमासिक) पर्यावरण एवं वन मंत्रालय, नई दिल्ली
13. Panda, New letter WWF-India, New Delhi

SEMESTER SCHEME

FABRIC STUDIES-I

Course Code	CD 3002
Course Title	Fabric Studies - I
Number of Credits	5 (L-5,T-0,P-0)
Prerequisites	None

COURSE LEARNING OBJECTIVES

This course provides a basic idea about fiber, Yarn & Fabric to the student of Costume Design & Dress Making, which work as a canvas for the Dress Designer.

SUBJECT LEARNING OUTCOMES [SLOs]

After completing this subject, the learner will be able to :-

- Understand the type of fibre & how these convert into yarn to various types of fibre.
- Describe the different types of fibre, Yarn and fabrics.
- Will be able to differentiate among different types of textile by knowing their properties.

COURSE CONTENTS

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <p>1. TEXTILE FIBRES.</p> <p>1.1 Meaning and definition of fibre.</p> <p>1.2 Classification of fibre.</p> <p>1.3 Introduction, properties and use of following fibre.</p> <p style="padding-left: 20px;">1.3.1 Natural</p> <p style="padding-left: 40px;">1.3.1.1 Animal :- Silk , wool.</p> <p style="padding-left: 40px;">1.3.1.2 Plant/vegetable :- Cotton & Linen</p> <p style="padding-left: 40px;">1.3.1.3 Minerals :- Asbestos, Ceramic.</p> <p style="padding-left: 20px;">1.3.2 Man-Made</p> <p style="padding-left: 40px;">1.3.2.1 Polyamides (Nylon)</p> <p style="padding-left: 40px;">1.3.2.2 Rayon</p> <p style="padding-left: 40px;">1.3.2.3 Acetate</p> <p style="padding-left: 40px;">1.3.2.4 Polyester</p> | 26 H |
| <p>2. YARN CONSTRUCTION.</p> <p>2.1 Properties of different types of yarns used in cloth industry.</p> <p>2.2 Yarn count, Twist & Count measuring system.</p> <p>2.3 Types of Yarn:- Simple and novelty yarn.</p> | 20 H |
| <p>3. FABRIC CONSTRUCTION.</p> <p>3.1 Elementary weaving Theory.</p> <p>3.2 Fabric structure.</p> <p style="padding-left: 20px;">3.2.1 Woven Fabric</p> <p style="padding-left: 20px;">3.2.2 Knitted Fabric</p> <p style="padding-left: 20px;">3.2.3 Nonwoven Fabric</p> | 19 H |

REFERENCES /SUGGESTED LEARNING RESOURCES:

- | | |
|-------------------------------------------|-------------------------|
| 1. Textile Design & Color: | Watson |
| 2. Fundamental of textile and their care: | Susheela Dhantiyagi |
| 3. Fibre to Fabrics: | Carbman |
| 4. Textile fabrics & Their uses: | Katherine Paddock. Hess |

HISTORIC COSTUMES

Course Code	CD 3003
Course Title	Historic Costumes
Number of Credits	5 (L-5,T-0, P-0)
Prerequisites	None

COURSE LEARNING OBJECTIVES

This course will help students to perceive the importance of historical accuracy in costume designing. They will also learn about heritage and influence of historical costumes on latest trends.

SUBJECT LEARNING OUTCOMES [SLOs]

After completing this subject, the learner will be able to :-

- Explain the significance of historical costumes as a source of research for developing new designs and collections.
- Understand evolution of costumes from ancient civilization to modern trends.
- Use and illustrate appropriate technical terminology related to fashion and costumes.

COURSE CONTENTS

- STUDY OF ANCIENT INDIAN COSTUMES DURING THE FOLLOWING PERIOD:** **22 H**
 - Indus Valley.
 - Vedic Period.
 - Gupta Period.
 - Mughal Period.
 - British Period.
- STUDY OF WORLD COSTUMES:** **18 H**
 - Egyptian.
 - Greece.
 - Roman.
- TRADITIONAL COSTUMES OF INDIAN STATES.** **25H**
 - North Zone- Punjab, Jammu and Kashmir and Rajasthan.
 - East Zone- Assam, West Bengal.
 - West Zone- Maharashtra, Gujarat.
 - South Zone- Tamilnadu, Karnataka.

REFERENCES /SUGGESTED LEARNING RESOURCES:

- Visit to museum and historical monuments.
- Costumes of India:
- History of Fashion:
- Costumes and Fashion 4e:

Dorris Flyn, Oxford & IBH Publication.
Manmeet Sodhia
James Laver

DRAFTING AND GARMENT CONSTRUCTION - III

Course Code	CD 3004
Course Title	Drafting and Garment Construction - III
Number of Credits	3 (L-3,T-0, P-0)
Prerequisites	None

COURSE LEARNING OBJECTIVES

This course will help students to learn Drafting, Drafting Instructions and Layout of Ladies Garments.

SUBJECT LEARNING OUTCOMES [SLOs]

After completing this subject, the learner will be able to :-

- Draft Basic Blocks of Ladies Garments.
- Understand the Drafting Techniques.
- Use the appropriate Drafting Techniques.
- Layout of garments on various fabrics.

COURSE CONTENTS

- | | |
|-----------------------------------------------------------------------|-------------|
| 1. MEASUREMENT CHART FOR LADIES: | 04 H |
| 2. DRAFTING FOR LADIES GARMENTS WITH INSTRUCTIONS: | 10 H |
| 2.1 Basic Bodice block. | |
| 2.2 Sleeve Block. | |
| 2.3 Hip Block. | |
| 3. DRAFTING WITH INSTRUCTION AND LAYOUT OF FOLLOWING GARMENTS. | 20H |
| 3.1 Top. | |
| 3.2 Skirt –A-line, Flared, Pleated/Gathered. | |
| 3.3 Plain Blouse. | |
| 3.4 Night Gown. | |
| 4. FITTING PROBLEMS IN LADIES GARMENTS AND THEIR REMEDIES. | 05 H |

REFERENCES /SUGGESTED LEARNING RESOURCES:

- | | |
|--------------------------------------|-------------------------|
| 1. Cutting and Tailoring –Part -1-2 | Ishwari & Anwani |
| 2. Pattern Making for Fashion Design | Helen Joseph Armstrong. |
| 3. Zarpkar System of Cutting: | Zarpkar |

ADVANCED FASHION ILLUSTRATION - I LAB

Course Code	CD 3005
Course Title	Advanced Fashion Illustration - I Lab
Number of Credits	2(L-0,T-0, P-4)
Prerequisites	None

COURSE LEARNING OBJECTIVES

This course reflects the students Capabilities in the field of Fashion. Give students the idea and training on figure drawing and drawing with added knowledge of fabric interpretation and enhance their own personal style.

SUBJECT LEARNING OUTCOMES [SLOs]

After completing this subject, the learner will be able to :-

- Train students in color rendering in different media keeping fabric qualities.
- Introduction to various medium for stylization of croquis.
- Refining the student's illustration skills.
- Refine the designing skills.

COURSE CONTENTS

- BASIC GESTURE DRAWING (FEMALE):** **08 H**
 - Block Figure
 - Stick Figure
 - Fleshing Figure
- DRAPING GARMENTS ON CROQUI:** **12 H**
 - Skirt & Top.
 - Trouser, Shirt & Coat.
 - Dress.
- COLOR RENDERING OF FOLLOWING FABRIC (WITH APPROPRIATE MEDIUM).** **15H**
 - Cotton, Denim, Satin, Velvet, Sued, Woolen, Chiffon, Lace.
 - Solid, Check, Print, Stripes, Floral.
- DESIGNING.** **17 H**

Design a range of garments for Women wear using theme, fabric and surface ornamentation with front and back illustrations. (At least five sheets per range).

 - Casual Wear.
 - Formal Wear.
 - Sports Wear.
 - Fashion Show.

REFERENCES /SUGGESTED LEARNING RESOURCES:

- | | |
|--------------------------------------------------------------------------|---------------------------------------------|
| 1. Fashion Illustration | Anna Kiper, David & Charles Book, 2011 |
| 2. Fashion Illustration Children | Patric, John Ireland, BT Bastford Ltd, 2005 |
| 3. New Fashion Illustration (New Illustration Series) | Martin Dawber 2006 |
| 4. Fashion Design Illustrations | Ritu |
| 5. Foundation in fashion design and illustration | Julian Seaman |
| 6. Fashion Illustration Techniques: A Super Reference Book for Beginners | ZeshuTakamura |

FABRIC ARTISTRY - I LAB

Course Code	CD 3006
Course Title	Fabric Artistry- I Lab
Number of Credits	2(L-0,T-0, P-4)
Prerequisites	None

COURSE LEARNING OBJECTIVES

This course provides an insight about how-to enhance the look of a fabric /garment by decorating it by an element of interest. The most common material used is paints, dyes and yarns.

SUBJECT LEARNING OUTCOMES [SLOs]

After completing this subject, the learner will be able to :-

1. Acquire knowledge about significance of ornamentation of fabrics.
2. Be familiar with tools and techniques of use of different methods of dyeing, printing and painting.
3. Explain the scope of value addition of fabric for fashion and apparel products.
4. Classify the techniques of artistry on fabric.

COURSE CONTENTS

- 1. PREPARATION OF THE SAMPLES OF THE FOLLOWING PROCESSES: 18 H**
 - 1.1 Block Printing.
 - 1.2 Screen Printing.
 - 1.3 Tie and Dye.
 - 1.4 Batik Dyeing.
 - 1.5 Hand painting.
- 2. PREPARATION OF THE SAMPLES USING FOLLOWING TECHNIQUES: 20 H**
 - 2.1 Hand & Machine Knitting.
 - 2.1.1 Knit & Perl Stitch.
 - 2.1.2 Rib Stitch.
 - 2.1.3 Cable Stitch
 - 2.1.4 Eyelit Stitch
- 3. PREPARATION OF THE SAMPLES IN FOLLOWING TECHNIQUES: 14H**
 - 3.1 Crocheting
 - 3.2 Macrame.

REFERENCES /SUGGESTED LEARNING RESOURCES:

1. Visit to local printing and dyeing units.
2. The Reinhold Book of Needlecraft
3. "Vogue" Guide to Knitting, Crochet and Macrame
4. First time Knitting the absolute beginner's guide
5. Vogue, Cosmopolitan, Femina [latest magazines]

Jutta Lammer
by (ISBN)
by Carri Hammit

COMPUTER AIDED DESIGN - I LAB

Course Code	CD 3007
Course Title	Computer Aided Design - I Lab
Number of Credits	1 (L-0,T-0, P-2)
Prerequisites	None

COURSE LEARNING OBJECTIVES

CAD has been found very important in designing field. The objective of the subject is to expose the professionals and to meet the need of the users by completing their knowledge, skill and ability, creativity in the Fashion Field.

SUBJECT LEARNING OUTCOMES [SLOs]

After completing this subject, the learner will be able to :-

1. Study and use of designing software.
2. Acquire Knowledge of editing and transformation of objects.
3. Able to create motifs prints and textures for fabrics.

COURSE CONTENTS**1. INTRODUCTION TO COREL DRAW:****10 H**

- 1.1 Introduction to corel draw program , Menu Bar, Tool Box.
- 1.2 Overview of Drawing Tools.
- 1.3 Editing Objects.
- 1.4 Transformation of Objects.
- 1.5 Color Fill.
 - 1.5.1 Fill color.
 - 1.5.2 Fountain Color
 - 1.5.3 Pattern Fill.

2. DESIGNING PRINT AND TEXTURE DEVELOPMENT:**16H**

- 2.1 Design a logo and create a visiting card and Brochure of your own label.
- 2.2 Create print and textures and their repeat and color ways.

REFERENCES /SUGGESTED LEARNING RESOURCES:

1. Core DRAW
2. Computer Aided Drafting and Design- Concept and Application
3. CAD for Fashion Design
4. CAD in Clothing and Textiles
5. How to Draw & Paint Fashion
6. Computers in Fashion Industry
7. Fashion Design Drawing & Presentation, Children, Men
8. Fashion Design illustrations

Ramesh Bangia
 Veisinet DD
 Rene Weiss Chase 1997
 Winfred Aldrich 1992
 Walton T. Foster
 Taylor P.
 Ireland Patrick John
 Ritu

DRAFTING AND GARMENT CONSTRUCTION - III LAB

Course Code	CD 3008
Course Title	Drafting and Garment Construction - III Lab
Number of Credits	3 (L-0,T-0, P-6)
Prerequisites	None

COURSE LEARNING OBJECTIVES

This course will help students to learn Pattern Making , Layout ,Cutting, Stitching and Finishing of Ladies Garments.

SUBJECT LEARNING OUTCOMES [SLOs]

After completing this subject, the learner will be able to :-

1. Make Paper patterns for Ladies Garments.
2. Understand the different Pattern making Techniques.
3. Use of appropriate Pattern Making Techniques.
4. Create designer garments by adapting basic Blocks

COURSE CONTENTS

Design , Adaptation, Paper Pattern Making, Estimation and Layout , Cutting, Stitching, and Finishing of following Garments:

- | | |
|-----------------------|-----|
| 1. Night Gown. | 20H |
| 2. Top with Adaption. | 20H |
| 3. Skirt (Anyone). | 18H |
| 4. Plain Blouse. | 20H |

REFERENCES /SUGGESTED LEARNING RESOURCES:

- | | |
|--------------------------------------|-------------------------|
| 1. Cutting and Tailoring –Part -1-2 | Ishwari & Anwani |
| 2. Pattern Making for Fashion Design | Helen Joseph Armstrong. |
| 3. Zarakar System of Cutting: | Zarakar |

ENVIRONMENTAL STUDIES-I LAB

Course Code	CD-+ (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-I Lab
Number of Credits	1.0 (L-0, T-0, P-2)
Prerequisites	None

Course Objective

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment.

A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

- Understand the extent of Air pollution in their city.
- Understand the extent of Water pollution in their city.
- Know about the Ph value of water , hardness and TDS of water, their importance method of determination .
- Have knowledge of solid waste management of their city

PRACTICALS

1. Visit to the important circles and measurement of Air Quality Index
2. Determination of Ph Value of tap Water
3. Determination of Hardness of tap Water by EDTA Method
4. Determination of TDS of tap Water
5. Visiting the local agency to Prepre the report of solid waste management of the city .
6. Plantation

SEMESTER SCHEME 2020-21

ENVIRONMENTAL STUDIES-II

Course Code	CD-4001 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-II
Number of Credits	2 (L-2 T-0, P-0)
Prerequisites	None

COURSE LEARNING OBJECTIVES

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment. A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

COURSE OUTCOMES-

After completing the course the Learner will

- Understand the importance of Environmental cleanliness
- Gain knowledge about the causes of Land pollution , Land erosion and prevention
- Understand about Biodiversity and ecosystems
- Water harvesting methods and about the Rural Sanitation
- Know the different Non conventional energy sources and their advantages

COURSE CONTENTS

		L	
1.	Land Pollution :		5
	1.1 Soil conservation		
	1.2 Land erosion		
	1.3 Afforestation		
2.	Ecology :		7
	2.1 Basics of species		
	2.2 Biodiversity		
	2.3 Population dynamics		
	2.4 Energy flow		
	2.5 Ecosystems		
3.	Water Harvesting and Rural Sanitation :		7
	3.1 Water harvesting techniques		
	3.2 Different schemes of Rural Water Supply in Rajasthan		
	3.3 Rural Sanitation		
	3.3 Septic Tank		
	3.5 Collection and disposal of wastes		
	3.6 Bio-gas		
	3.7 Community Awareness and participation		
4.	Non Conventional Energy Sources :		7
	4.1 Non-Conventional (Renewable) sources of energy		
	4.2 Solar energy, Wind energy, Bio-mass energy, Hydrogen energy		

REFERENCE BOOKS :

- | | |
|------------------------|----------------------------------------------------|
| 1. Patyavaran Shiksha | Dr. A.N. Mathur, Dr. N.S. Rathore & Dr. V.K. Vijay |
| 2. Patyavaran Adhyayan | Dr. Ram Kumar Gujar Dr. B.C. Jat |

3. Patyavarán Avabodh Dr. D.D. Ojha
4. Environmental chemistry and pollution control : S.S. Dora
5. Ecology concepts and application : Manuel C. Muller
6. Environmental protection Emil T. Chanlett
7. Environmental science Cumingham. Saigo
8. Solid waste management : C.I.. Mantell
9. Introduction to Environmental Engineering & Science Gilbert M Masters
Prentice Hall of India, 1995
10. Concept of Ecology, 1991 Edward J Kormondy
11. Ecology 1975 Odum
12. Environmental Engineering Peavy, Rowe, Tehobaniglum
13. Environmental Impact Assessment Mc Graw Hill, NewYork, 1977
14. Environmental Technologies for Sustainable Development Dr. Upendra Pandel
Dr. M.P. Poonia
15. Environmental Pollution & Management V.K. Kohli & Vikas Kohli
16. पर्यावरण विनाश के कगार पर राजीव गुप्ता
17. पर्यावरण जीवों का आंगन प्रेमानन्द चंदोला
18. पर्यावरण (त्रैमासिक) पर्यावरण एवं वन मंत्रालय, नई दिल्ली
19. Panda, New letter WWF-India, New Delhi

SEMESTER SCHEME

FABRIC STUDIES - II

Course Code	CD 4002
Course Title	Fabric Studies - II
Number of Credits	5 (L-5,T-0,P-0)
Prerequisites	None

COURSE LEARNING OBJECTIVES

This course provides a basic idea about textile finishing, dyeing & printing to the students of Costume Design & Dress Making, which will help to create different designer dresses & basic idea about laundry.

SUBJECT LEARNING OUTCOMES [SLOs]

After completing this subject, the learner will be able to:-

1. Understand the type of Finishes to various types of fabrics.
2. Knowledge about various methods of Dyeing & Printing on various textiles.
3. Will be able to differentiate among different type of textile.

COURSE CONTENTS

- | | | |
|-----------|-------------------------------------------------|-------------|
| 1. | FABRIC FINISHES. | 25 H |
| | 1.1 Meaning & Definition of finishes | |
| | 1.2 Classification & Type of finishes. | |
| | 1.2.1 According to type of machinery /process | |
| | 1.2.1.1 Chemical | |
| | 1.2.1.2 Mechanical (Physical) | |
| | 1.2.1.3 Biological | |
| | 1.2.2 According to function /performance | |
| | 1.2.2.1 Aesthetic | |
| | 1.2.2.2 Functional | |
| | 1.2.3 According to quality | |
| | 1.2.3.1 Temporary | |
| | 1.2.3.2 Semi Durable | |
| | 1.2.3.3 Durable | |
| | 1.3 Purpose of finishes | |
| 2. | DYEING (ELEMENTARY STUDY). | 15 H |
| | 2.1 General introduction of dyeing. | |
| | 2.2 Classification of dyes | |
| | 2.2.1 Natural | |
| | 2.2.2 Synthetic. | |
| | 2.3 Stages of dyeing, advantages & limitations. | |
| | 2.4 Factors affecting fading of dyes. | |
| | 2.5 Importance of color fastness for textile. | |
| 3. | PRINTING (ELEMENTARY STUDY) | 15 H |
| | 3.1 General introduction of Printing. | |
| | 3.2 Styles of Printing. | |
| | 3.2.1 Direct. | |
| | 3.2.2 Resist. | |
| | 3.2.3 Discharge. | |
| | 3.3 Methods of Printing | |
| | 3.3.1 Block Printing. | |
| | 3.3.2 Screen Printing | |
| | 3.3.3 Roller Printing. | |
| | 3.4 Brief knowledge of Batik, Tie & Dye. | |
| 4. | LAUNDRY (ELEMENTARY STUDY). | 10H |

- 4.1 Introduction & type of laundry process.
- 4.2 Laundry Material & equipment.
- 4.3 Laundry Aids (Bleaches & Stain removal)
- 4.4 Care labels used on garments.

REFERENCES /SUGGESTED LEARNING RESOURCES:

1. Textile Design & colour
2. Fundamental of textile & their care
3. Costumes & Textiles of India
4. Fiber to fabrics
5. Textile Fabrics & Their Uses
6. Household Textile & Laundry Work

Watson
Sushila Dhantiyagi
Jamila Brijbhushan
Corbman
Katheine Paddock,Hess
Durga Deulkar

SEMESTER SCHEME 2020-21

HISTORIC TEXTILES

Course Code	CD 4003
Course Title	HistoricTextiles
Number of Credits	4 (L-4,T-0, P-0)
Prerequisites	None

COURSE LEARNING OBJECTIVES:

This course will help students to gain knowledge about historic textiles, such as clothing, furnishings, tapestries and decorations.

Subject Learning Outcomes [SLOs]:

After completing this subject, the learner will be able to:-

- Express knowledge about traditional textiles of rich heritage of the country.
- Explain the significance of studying historic textiles as a gateway to modern fashion industry.
- Explain the socio-cultural factors influencing story of textiles.

CONTENTS

1.	Brief History and Development of the following Woven textiles in India:-	20
1.1	Chanderi	
1.2	Brocades	
1.3	Jamdani	
1.4	Baluchari	
1.5	Paithani	
1.6	Ikat	
2.	Knowledge about the Painted and Dyed Textiles:-	18
2.1	Block Printed Textiles of Rajasthan, Gujarat and Madhya Pradesh.	
2.2	Picchwai	
2.3	Madhubani and Kalamkari	
3.	Study of Traditional Embroideries of India:-	14
3.1	Kantha of Bengal	
3.2	Kasuti of Karnataka	
3.3	Chikankari of Uttarpradesh	
3.4	Chamba of Himachal Pradesh	
3.5	Kathiyawad of Gujrat	

REFERENCE BOOKS:

1. Visit to Museums and Monuments
2. Hand Woven Fabric of India
3. Traditional Embroideries of India
4. Bhartiya Kashidakari
5. Textiles of Rajasthan

Dhamija Jasleen and Jain Jyotindra
Dr.Shailja D.Naik
Pandit S.and Shinde S.
Kothari G.

DRAFTING AND GARMENT CONSTRUCTION-IV

Course Code	CD 4004
Course Title	Drafting and Garment Construction-IV
Number of Credits	2 (L-2,T-0, P-0)
Prerequisites	NIL

COURSE LEARNING OBJECTIVES:

This subject will help students to learn to make Adaptations in Drafting of Ladies Garments according to the design and contemporary Fashion.

Subject Learning Outcomes [SLOs]:

After completing this subject, the learner will be able to:-

1. Draft Basic Blocks of Ladies Garments.
2. Understand Dart Manipulation.
3. Use of appropriate Drafting Techniques.

1. Dart Manipulation**6hours****2. Drafting and Adaptation, Layout and Estimation of Fabric of following Ladies Garments with Instructions :-****20hours**

- 2.1 Kurti
- 2.2 Plazzo
- 2.3 Belted Blouse
- 2.4 Dressing Gown

REFERECE BOOKS :

1. Cutting & Tailoring – Part – 1- 2
2. Pattern Making for fashion Design ,
3. Zarapkar System of Cutting

*Ishwari&Anwari
Helen Joseph Armstrong
Zarapkar*

ADVANCED FASHION ILLUSTRATION- II LAB

Course Code	CD 4005
Course Title	Advanced fashion illustration-II Lab
Number of Credits	2 (L-0,T-0, P-4)
Prerequisites	NIL

COURSE LEARNING OBJECTIVES:

Creativity is the life of a Designer. This course reflects the students Capabilities in the field of Fashion. Give students the idea and training on figure drawing and drawing with added knowledge of fabric interpretation and enhance their own personal style.

Subject Learning Outcomes [SLOs]:

After completing this subject, the learner will be able to:-

1. Train students in color rendering in different media keeping fabric qualities.
2. Introduction to various medium for stylization of croquis.
3. Refining the student's illustration skills.
4. Refine the designing skills.
- 5.

- | | | |
|----|-------------------------------------|-----------------|
| 1. | Basic gesture drawing (Male) | 8 hours |
| | 1.1 Block Figure | |
| | 1.2 Stick Figure | |
| | 1.3 Fleshing Figure | |
| 2. | Draping garments on croquis. | 20 hours |
| | 2.1 Jeans & T-Shirt | |
| | 2.2 Trousers, Shirt and Coat. | |
| | 2.3 Indian Traditional Dress | |
| 3. | Designing | 24hours |

Design a range of garments for Men's wear using theme, fabric and surface ornamentation with front and back illustrations. (At least five sheets per range)

- i) Casual Wear
- ii) Formal Wear
- iii) Sports Wear
- iv) Fashion Show
- v) Uniform

REFERENCE BOOKS:

- | | |
|-----------------------------------------|-----------------------------------------------------------|
| 1. croquis | |
| 2. Fashion Illustration Children | <i>Patric, John Ireland, BT Bastford Ltd, 2005</i> |
| 3. New Fashion Illustration | <i>(New Illustration Series) Martin Dawber 2006</i> |
| 4. Fashion Design Illustrations | <i>Ritu</i> |
| 5. Foundation in fashion design and ill | <i>Julian Seaman</i> |
| 6. Fashion Illustration Techniques | <i>A Super Reference Book for Beginners.ZeshuTakamura</i> |

FABRIC ARTISTRY-II LAB

Course Code	CD 4006
Course Title	Fabric Artistry-II Lab
Number of Credits	1.5 (L-0,T-0, P-3)
Prerequisites	NIL

COURSE LEARNING OBJECTIVES:

After going through this courset ,the student are exposed to techniques and designs of ornamentation of garments and fabrics with needle craft. The objective of this subject is to impart knowledge about rich heritage of embroideries of India.

Subject Learning Outcomes [SLOs]:

After completing this subject, the learner will be able to:-

1. Develop technical and conceptual skills in various types of stitches and traditional embroidery.
2. Capable of designing embroidery designs by different stitches.
3. Gain knowledge relating to historical and contemporary applications of creative designs in different fabric artistry techniques.

1. **Preparation of samples of the following :-** **14hours**
 - 1.1. Quilting.
 - 1.2. Patch Work.
 - 1.3. Applique Work.
2. **Preparation of samples of the following traditional embroideries:-** **14hours**
 - 2.1. Kasuti of Karnataka.
 - 2.2. Kantha of Bengal.
 - 2.3. .Chikankari of Lucknow.
 - 2.4. Kutch embroidery of Gujrat.
 - 2.5. Kashidakari of Kashmir.
3. **Preparation of samples of following techniques:-** **11hours**
 - 3.1. Cut work embroidery.
 - 3.2. Bead work.
 - 3.3. Sequins work.
 - 3.4. Zardozi work.
 - 3.5. Ribbon work.

REFERENCE BOOKS:

- | | |
|-------------------------------------------------------|----------------------|
| 1. An Encyclopedia of Crazy quilt stitches and Motifs | <i>Linda Causee</i> |
| 2. Ethnic Embroidery of India | <i>Usha Shrikant</i> |
| 3. Ethnic Embroidery of India | <i>Usha Shrikant</i> |
| 4. Designs for a Lifetime | <i>Usha Shrikant</i> |
| 5. Embroidery and Patchwork Revisited | <i>Janice Vaine</i> |

COMPUTER AIDED DESIGN –II LAB

Course Code	CD 4007
Course Title	Computer Aided Design-II Lab
Number of Credits	1.5 (L-0,T-0, P-3)
Prerequisites	NIL

COURSE LEARNING OBJECTIVES:

CAD has been found very important in designing field. The objective of the course is to expose the professionals and to meet the need of the users by completing their knowledge, skill and ability, creativity in the Fashion Field.

Subject Learning Outcomes [SLOs]:

After completing this subject, the learner will be able to:-

1. Study and use of designing software.
2. Acquire Knowledge of figure drawing and rendering techniques through CAD
3. Understand the concept of theme based designing.
4. Understand the concept of range development.

1. Creating Flat Drawings:**19hours**

- 1.1 Necklines
- 1.2 Collars
- 1.3 Skirts
- 1.4 Yokes
- 1.5 Trousers

2. Illustration:**20hours**

- 2.1 Drawing fashion Female and Male croqui with grids and grid lines.
- 2.2 Stylization of female and male croqui.
- 2.3 Drawing of Basic silhouette on style croqui
- 2.4 Design a complete collection of 5 dresses on any inspirational theme.

REFERENCE BOOKS:

- | | |
|----------------------------------------------------------------|------------------------------|
| 1. Core DRAW | <i>Ramesh Bangia</i> |
| 2. Computer Aided Drafting and Design- Concept and Application | <i>Veisinet DD</i> |
| 3. CAD for Fashion Design | <i>Rene Weiss Chase 1997</i> |
| 4. CAD in Clothing and Textiles | <i>Winfred Aldrich 1992</i> |
| 5. How to Draw & Paint Fashion | <i>Walton T. Foster</i> |
| 6. Computers in Fashion Industry | <i>Taylor P.</i> |
| 7. Fashion Design Drawing & Presentation, Children, Men | <i>Ireland Patrick John</i> |
| 8. Fashion Design illustrations | <i>Ritu</i> |

DRAFTING AND GARMENT CONSTRUCTION-IV LAB

Course Code	CD 4008
Course Title	Drafting and Garment Construction-IV Lab
Number of Credits	4 (L-0,T-0, P-8)
Prerequisites	NIL

COURSE LEARNING OBJECTIVES:

This course will help students to learn Designing, Adaptation, Pattern Making, Layout, Cutting, stitching and finishing of following Ladies Garments.

Subject Learning Outcomes [SLOs]:

After completing this subject, the learner will be able to:

1. Make Paper patterns for Ladies Garments according to design.
2. Understand the different Pattern making Techniques.
3. Use of appropriate Pattern Making Techniques.
4. Create Designer garments by adapting basic Blocks.

1. Designing, Adaptation, Estimation and layout, cutting, stitching and finishing of following Garments: 80hours

- 1.1. Dressing Gown
- 1.2. Kurti with Adaptation.
- 1.3. Pallazo
- 1.4. Blouse using Dart manipulation Technique

2. Various Mending Techniques.**10hours****3. Any one garment by Renovation.****14hourss****REFERECE BOOKS :**

1. Cutting & Tailoring – Part – 1-2
2. Pattern Making for fashion Design
3. Zarapkar System of Cutting

*Ishwari & Anwani
Helen Joseph Armstrong
Zarapkar*

ENVIRONMENTAL STUDIES-II LAB

Course Code	CD-4009 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-II lab
Number of Credits	1.0 (L-0, T-0, P-2)
Prerequisites	None

Course Objective:

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment.

A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

- Understand the extent of Land pollution in their city.
- Understand the local birds, plants, insects.
- Importance of Afforestation (Plantation)
- Have awareness towards Environment

Practicals

1. Visit to local area to document environmental assets-mountain/ desert / river / forest
- 2.Study of local birds, plants, insects
- 3.Plantation
- 4.Environmental awareness campaign through exhibitions

Note : After visits/ study, the students will prepare posters, charts, reports for exhibitions / presentations.
