

Sem	Course Code	SEWING TECHNIQUES	L	T	P	EL	Credits	Total Marks
I	SFDB 2101		0	1	4	1	3	100

COURSE OBJECTIVES

- To introduce the sewing machine parts and its functions.
- Students will learn various sewing techniques and garment manufacturing processes.
- To Understand about the Basic Sewing and Handling of Machineries.

LIST OF EXERCISES

1. Basic hand stitches- Single Fold Hem, Double Fold Hem, Rolled Hem, Piped Hem, Bound Hem.
2. Seam - Plain Seam, Single Top, Double Top, Lapped, Welt, French seam, Flat Fell Seam, Mantua Maker, Slot, Piped Seam.
3. Seam finishes - Pinked Finish, Double Stitched, Seam Stitched and Pinked Seam, Herring Bone, Hem Stitched Seam Finish, Overcast Seam Finish, Edge Stitched Seam Finish.
4. Reinforcement (Facing and Binding)
5. Fullness-
 - Pleats - Knife Pleat, Box Pleat, Inverted Box Pleat, Kick Pleat, Cartridge Pleat, Pinch Pleat.
 - Gathers - Shirring.
 - Tucks - Pin Tuck, Cross Tuck, Shell Edge Tuck, Scalloped Tuck, and Group Tuck.
 - Ruffles, Godets, Frills and Flares.
6. Application of fasteners- Zippers, Elastic, Buttons, Hooks and Eyelets, Cord.
7. Application of Plackets - Half Open Bound Placket, Full Open Bound Placket, Tailored Placket.
8. Pockets- Patch Pocket, Bound Pocket, Welt Pocket.

COURSE OUTCOMES

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

CO1 - Speed control, machine control and threading.

CO2 - Handling sewing machine through exercises.

CO3 - Create the Hand tucks, hems, and fasteners.

CO4 - Students will learn types of shaping and seam finishes through machines.

CO5 - Create the Basic Stitches.

CO6 - Learn the skill of attachments of Fasteners.

TEXT/ REFERENCE BOOKS

1. Practical Clothing Construction -Mary Mathews, Part I and II, Cosmic Press, Chennai 1986.
2. The Complete Book of Sewing - Dorling Kindersley Limited, London 1996.
3. Encyclopedia of Fashion Details - Patrick John Ireland, London 1987.
4. Sewing - I Edition, Hilary More, Sunburst Books, London 1994.
5. A Guide to Fashion Sewing - II Edition, Connie Amaden- Crawford, Fairchild Publications, USA 1994.

Mode of Practical Examination: Conducted by Examination

COMPONENTS OF CAE (Distribution of Marks)				COMPONENTS OF ESE (Distribution of Marks)		Total Marks
Through assignment/ Completion of Exercises / Drawing Model/ Plates/ Seminar/ Workshop		Model Exam (50 Marks)	Attendance (5 Marks)	University end semester		
Continuous Assessment I (25 Marks)	Continuous Assessment II (25 Marks)			Examination	Viva voce/ Presentation	
Converted to 25 Marks				20 Marks	5 Marks	50 Marks

Sem	Course Code	ART STUDIO	L	T	P	EL	Credits	Total Marks
I	SFDB 2102		0	1	4	1	3	100

COURSE OBJECTIVES

- The course aims to expose students to various visual design concepts and the fundamental elements of design
- Students will learn how to apply concepts such as balance, proportion, unity, contrast, rhythm, and emphasis to their design work.
- Introduction of drawing as an extension of seeing through enhancing eye and hand coordination and emphasize the development of drawing skills as a means of expression and communication.

LIST OF EXERCISES

1. Significance of Visual Language its relevance of Elements of design.
 - Blind drawing,
 - Gesture Drawing.
 - Doodling
 - Line drawing
 - Shape composition
 - Object drawing
 - Isometric drawing
 - Perspective drawing.
2. Motif and pattern development, types of repeat - straight, half drop, mirror symmetrical asymmetrical etc.
3. Concept and significance of Texture, Textures in nature and its surface characteristics.
4. Principles of design.- Balance, Rhythm, Proportion, Emphasis and Harmony.
5. Color Theory and its application
 - a. Basics of Color - Hue, Value, Intensity.
 - b. Color Schemes - Monochromatic, analogous, complimentary and neutral etc...

COURSE OUTCOMES

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

CO1 - Understand of the Elements of Design and their relevance in visual communication.

CO2 - Learn how to use the Elements of Design to create motifs and patterns.

CO3 - Gain an understanding of the Principles of Design, such as balance, proportion, unity, contrast, rhythm, and emphasis.

CO4 - Strengthen their observational skills and develop their ability to represent objects, shapes, and forms realistically.

CO5 - Learn and practice isometric and perspective drawing techniques.

CO6 - Create designs that effectively convey their intended message or vision.

TEXT/ REFERENCE BOOKS

1. Elements of Design: Rowena Reed Kostellow and the Structure of Visual Relationships, Gail Greet Hannah, 2002
2. Comdex Fashion Design, Vol I, Fashion Concepts, Navneet Kaur, Vikas Pub, 2010
3. Basic Principles of Design, Manfred Maier, Vol. 1-4
4. Basic Design: The dynamics of visual form by Maurice de Sansmarg
5. Principles of Colors by Birren, Fabersvan
6. Kate Wilson- The Artist's Everything Handbook: A New Guide to Drawing and Painting Publisher: Harper Design, Edition, 2015.
7. Betty Edward Fontana- Drawing on the Right Side of the Brain (Publisher: Tarcher; 4 edition November 2012.

8. Betty Edward Fontana -Color: A Course in Mastering the Art of Mixing Colors Publisher: PenguinUSA September 2004.
9. Francis D. K.Ching John Wiley&P.Juroszek, Design drawing with Steven Sons. Inc

Mode of Practical Examination: Conducted by Jury

COMPONENTS OF CAE (Distribution of Marks)				COMPONENTS OF ESE (Distribution of Marks)		Total Marks
Through assignment/, Completion of Exercises/ Drawing Model/ Plates/ Seminar/ Workshop		Model Exam (50 Marks)	Attendance (5 Marks)	University end semester		
Continuous Assessment I (25 Marks)	Continuous Assessment II (25 Marks)			Examination	Vivavoce/ Presentation	100
Converted to 25 Marks		20 Marks	5 Marks	-	50 Marks	

Sem	Course Code	ALLIED -I COMPUTER APPLICATION	L	T	P	EL	Credits	Total Marks
I	SFDB 2103		0	1	4	0	3	100

COURSE OBJECTIVES

- To explore possibilities of digital communication.
- Knowing the system and its operations.
- To explore the application of software.

LIST OF EXERCISES

1. Managing Windows Explorer- Creating, Moving, Renaming and Deleting folders and files.
2. File Management -Opening, Creating and Saving document locating files, Copying contents from different files.
3. Preparing a word document - Text, cut, copy, paste using toolbars, tables and borders.
4. Preparing PowerPoint presentation - Toolbars, Slide layout, templates, addition, deleting and saving slides, creating PowerPoint slides.
5. Preparing the Excel sheet.
6. Internet in design process flow, Internet Browsers, Internet Tools, Sending mails, Search Engines.
7. Create a Share Folder (Doc, Excel).
8. Create Poster/Invitations for the Event.

COURSE OUTCOMES

On completion of the course, student will be able to

CO1 - Know about the Word processing software and their use in business organizations.

CO2 - Know presentation software and presentation skill.

CO3 - Develop ability to use the internet and various search engines for Academic purposes.

CO4 - Know about the Share Folders for Easy Sharing.

CO5 - Understand the Adobe Software for Creating the Posters.

TEXT/REFERENCE BOOKS

1. Comdex Computer Course, Vikas Gupta, PM Publications, 2015
2. Mastering MS Office - 2000 by Tech Media

Mode of Practical Examination: Conducted by Examination

COMPONENTS OF CAE (Distribution of Marks)				COMPONENTS OFESE (Distribution ofMark s)		Total Marks
Through assignment/ Completion of Exercises/ Drawing Model/ Plates/ Seminar/ Workshop		Model Exam (50 Marks)	Attendance (5 Marks)	University end semester		
Continuous Assessment I (25 Marks)	Continuous Assessment II (25 Marks)			Examination	Viva voce/ Presentation	100
Converted to 25 Marks		20 Marks	5 Marks	50 Marks	-	

Sem	Course Code	ELEMENTS OF TEXTILES	L	T	P	EL	Credits	Total Marks
II	SFDB1201		3	0	0	0	3	100

COURSE OBJECTIVES

- To understand the important characteristics of different fibers used commercially.
- To understand the classification of yarns.
- To identify the different types of fabrics and its structures.

UNIT 1

9 Hrs.

Introduction and origin of Textiles, Introduction to Fibers - Classification of Textile fibers - Natural, Manmade fibers. Primary and secondary characteristics of textile fibers. Indigenous natural fibers. Extraction process of natural fibers.

UNIT 2

9 Hrs.

Yarn - definition. Properties of Yarn - Yarn numbering systems - Direct and indirect system of yarn, yarn count, Yarn twist.
Classification of yarns - Simple yarn, Single yarn, Ply yarn, Novelty Yarns.

UNIT 3

9 Hrs.

Spinning - Introduction, Spinning methods - Chemical Spinning and Mechanical Spinning. Chemical spinning - Wet, Melt & Dry spinning of filament yarns. Mechanical Spinning - cotton system - sequence of process, objectives of blow room, carding, drawing, combing, roving and ring spinning.

UNIT 4

9 Hrs.

Manufacturing process, properties and uses of natural fibers and manmade fibers. Natural Fibers - cotton, linen, silk, wool. Manmade fibers - Rayon, nylon, polyester, and acrylic.

UNIT 5

9 Hrs.

Basic fabric formation methods - Woven, Knitted and Nonwoven fabrics. Weaving - parts of the loom, Basic weaving process, Basic weaves - Plain, Twill, Satin and fancy weaves - Dobby, Jacquard. Knitting - Introduction, types of Knitting, and its applications. Non-woven - Introduction, types of non-woven and its applications.

Note: Portfolio submission of fibers, yarns, types of weaves. Woven, knitted, non-woven swatches.

Max. 45 Hrs.

COURSE OUTCOMES

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

- CO1 - Classify the various sources of fibers
- CO2 - Classify yarns and analyze its attributes.
- CO3 - Understand the process of spinning sequences.
- CO4 - Elaborate the manufacturing process of fibers
- CO5 - Understand the different types of fabric formation methods.
- CO6 - Compare different types of eco-friendly fabrics and synthetic fabrics.

TEXT / REFERENCE BOOKS

1. Textiles, Sara J. Kadolph, Pearson publication, 2009.
2. Fabric Science -5th edition, Joseph J Pizzuto, Fairchild Publications, Newyork ,1980.
3. Handbook of Nonwovens- Edited by R J Russell, Woodhead Publishing Ltd, England, 2007.
4. Knitting Technology- B.Ajgoankar, Universal Publishing Corporation, Mumbai, 1998.
5. Fibre to Fabric, Bernard P Corbman, (6th edition), Tata McGraw - Hill Education, 2003

END SEMESTER EXAM QUESTION PAPER PATTERN**Max. Marks: 100****Exam Duration: 3 Hrs.****PART A:** 10 Questions of 2 mark each - No choice.**20 Marks****PART B:** 2 Questions from each unit of internal choice, each carrying 16 marks.**80 Marks**

SFDB1202	INDIAN HERITAGE AND CULTURE	L	T	P	EL	Credits	TotalMarks
		3	0	0	0	3	100

COURSE OBJECTIVES

- Students get to understand the culture, explore art and heritage of our Indian Country.
- Students can inspire the traditions of the country and establish the hold towards the architecture and heritage of our nature in their collections.
- Establish the relationship between culture and civilization.

UNIT 1

12Hrs.

Indus Valley Civilization, Rock Cut Architecture- Evolution of Arch tech Architecture, Important Rock cut caves, the contribution of Pallavas, Comparison of Art Form Found at Ellora and Mahabalipuram. **Buddhist Architecture, Temple Architecture**- Early Temples in India, Basic Form of Hindu temples, Dravida Style of Temple Architecture, Nagara Style or North India Temple Style, Vesara Style of temple Architecture. **Indo- Islamic Architecture. Modern Architecture, Post- independence Architecture.**

UNIT 2

9Hrs.

Indus Civilization Sculpture, Buddhist Sculpture, Bharhut Sculptures, Sanchi Sculptures, Gandhara School of Sculpture, Mathura School of Sculpture, Amravati School of Sculpture. Gupta Sculpture, Medieval School of Sculpture, Modern Indian Sculpture.

UNIT 3

9Hrs.

Pre- historic Painting, Mural Paintings & Cave Paintings, Miniature Paintings – Pala School, Mughal Paintings, Rajasthan School of paintings, Pahari Style of Paintings, Folk Paintings-Pattachitra, Kalighat, Kalamkari, Warli, Madhubani. **Modern Indian Paintings. Personalities associated to Paintings.**

UNIT 4

8Hrs.

Indian Music, Indian Dance, Folk Dance, Theatre, Puppetry. Bakhti and Sufi Movement. Language and Literature. Promotion and Preservation of Indian Heritage. Art and Craft

UNIT 5

7Hrs.

Temples of India. Modern India-Indian Gothic Style, Neo roman Style. **Culture Value and Fashion**- National costumes of India and its Neighboring Countries

Max. 45 Hours

COURSE OUTCOMES

On completion of the course, student will be able to

- CO1** - Know about the History of Indian Art.
- CO2** - Understand the Various Architecture in different Period.
- CO3** - Know about the varieties of Sculptures in India.
- CO4** - Understand about the India's Famous Paintings and its Techniques.
- CO5** - Gain knowledge about the Indian Culture value.
- CO6** - Aware about the National Costumes of India.

TEXT/ REFERENCE BOOKS

1. Indian Culture and heritage- Dr.BinodBihariSathpathy- DDCE, Utkal University.
2. Academy of INSIGHTSIAS Syllabus- UPSC Syllabus.
3. Ministry of culture, Govt. of india- World heritage.
4. Unacademy UOSC CSE GS- Indian Culture and Heritage Syllabus.
5. National Institute of Open Schooling.

END SEMESTER EXAM QUESTION PAPER PATTERN

Max. Marks: 100

Exam Duration: 3 Hrs.

PART A: 10 Questions of 2 mark each - No choice.

20 Marks

PART B: 2 Questions from each unit of internal choice, each carrying 16 marks.

80 Marks

Sem	Course Code	FASHION ILLUSTRATION - I	L	T	P	EL	Credits	Total Marks
II	SFDB2201		0	1	4	0	3	100

COURSE OBJECTIVES

- To give hands-on training in the art of Sketching and illustrating human figures.
- Students will learn to sketch different aspects of fashion through stick figure to flesh figure.
- To know about the Art of drawing the Croquis.

LIST OF EXERCISES

The Following Exercises are illustrated based on 10 Head Theory/ 12 Head Theory/ 7 1/2 Head Theory.

1. Drawing various female poses on Stick Figures
2. Forming a female fleshy figure over a stick figure.
3. Rendering fabric and garments on Women Croquis.
4. Drawing various male poses on Stick Figures
5. Forming a male fleshy figure over a stick figure.
6. Rendering fabric and garments on Men Croquis.
7. Drawing various children poses on Stick Figures
8. Forming a children's fleshy figure over a stick figure.
9. Rendering fabric and garments on children's Croquis.
10. Sketching the Facial features- Eyes, Nose, Lips, and Ears.
11. Sketching the Physical Features- Legs, Feet, Hands and Arms.

COURSE OUTCOMES

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

- CO1 - Develop illustration skills for the industry.
- CO2 - Improve the skills in Fashion figure Drawing.
- CO3 - Draw Stick and flesh figures for various postures with detailing.
- CO4 - Understand the Basics of Illustrations with proper head Theory.
- CO5 - Know about the techniques of illustrating the Croquis.
- CO6 - Know to draw the Facial and Physical features with proper postures.

TEXT/ REFERENCE BOOKS

1. Introduction to Drawing - John Jackson, Eagle Editions, London 2002
2. Fashion Illustration, Anna Kiper, David & Charles Book, 2011
3. Fashion Design Illustration: Children - Ireland Patrick John, Batsford Ltd. London 1995.
4. Advanced Fashion Sketchbook - Bina Ablinc, OM Books International, New Delhi, 2005.
5. Elements of Fashion and Apparel Design - Sumathi, G.J., New Age International Publications, New Delhi 2002.
6. Fashion Illustration Techniques - Maite Lafuente, Evergreen Publications, China 2008.
7. New Fashion Illustration (New Illustration Series) English, Paperback, Martin Dawber 2006

Mode of Practical Examination: Conducted by Examination

COMPONENTS OF CAE (Distribution of Marks)				COMPONENTS OF ESE (Distribution of Marks)		Total Marks
Through assignment/, Completion of Exercises/ Drawing Model/ Plates/ Seminar/ Workshop		Model Exam (50 Marks)	Attendance (5 Marks)	University end semester		
Continuous Assessment I (25 Marks)	Continuous Assessment II (25 Marks)			Examination	Viva voce / Presentation	100
Converted to 25 Marks		20 Marks	5 Marks	50 Marks	-	

Sem	Course Code	FABRIC MANIPULATION TECHNIQUES	L	T	P	EL	Credits	Total Marks
II	SFDB 2202		0	1	4	1	3	100

COURSE OBJECTIVES

- To develop skills in fabric manipulation techniques through subtraction and construction techniques.
- To enhance the student's skills in fabric manipulation and improve style by putting their own stamp on their project.
- To create decoration to enhance its attraction to the individual.

LIST OF EXERCISES

1. **Controlled Crushing** - Basics of Gathering, Single-Edge Gathering, Opposite-Edge Gathering, All Sides Gathering, Shirring, Pattern Shirring.
2. **Supplementary Fullness** - Basics of Ruffle, Gathered Single-Edged Ruffle, Gathered Double-Edged Ruffle, Pleated Ruffle. Circular Flounce, Controlled Flounce, Godet.
3. **Systematic Folding** - Flat Pleats, Partial Pleats, Projecting Pleats, Accordion Pleats, Wrinkled Pleating, Smocking, Basics of Tucks, Standard Tucks, Shell Tucks, Partially Seamed Tucks.
4. **Filled Reliefs** - Basics of Cording, Hand-Sewn Corded Quilting, Machine -Sewn Corded Quilting, Surface Cording, Hand Quilting, Machine Quilting, Basics of Stuffing, Stuffed Applique, Elevated Applique, patch work.
5. **Structured Surfaces and Mixed Manipulations**- Single Pointed Dart, Double Pointed Dart, Technique Variations, Creative Combinations.

COURSE OUTCOMES

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

CO1 - Identify and use various tools used for fabric manipulation with safety precautions.

CO2 - Classify the textile and surface embellishment.

CO3 - Apply smocking and appliqué work in garments.

CO4 - Differentiate and develop various stitches and designs on fabric.

CO5 - Develop new techniques with the help of learned manipulation.

CO6 - Understand the different effects with different manipulation techniques.

Mode of Practical Examination: Conducted by Jury

COMPONENTS OF CAE (Distribution of Marks)				COMPONENTS OF ESE (Distribution of Marks)		Total Marks
Through assignment/, Completion of Exercises/ Drawing Model/ Plates/ Seminar/ Workshop		Model Exam (50 Marks)	Attendance (5 Marks)	University end semester		
Continuous Assessment I (25 Marks)	Continuous Assessment II (25 Marks)			Examination	Vivavoce/ Presentation	100
Converted to 25 Marks		20 Marks	5 Marks	-	50 Marks	

Sem	Course Code	ALLIED-II ADVANCE COMPUTER APPLICATION	L	T	P	EL	Credits	Total Marks
II	SFDB 2203		0	1	4	0	3	100

COURSE OBJECTIVES

- To gain familiarity with various tools used for creating designs.
- To improve the skills in garment designing.
- To acquire and enrich inputs on logo and label designing.

LIST OF EXERCISES

1. Create the following designs
Embroidery Motifs
Neckline designs.
2. Create the following Children's Garments
Gown with ruffles
T-shirt and Trousers
Jumpsuit
3. Create the following Women's Garments
Gown
Skirt and Top
4. Create the following Men's Garments
Shirt
Trouser
5. Create various logos and labels for branded companies.
6. Create a Theme Board, Mood Board and Flat Sketch.

COURSE OUTCOMES

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

- CO1** - Identify and use the appropriate tools for the designing process.
CO2 - Use software for basic designing on computers.
CO3 - Make digital cards and theme related mood boards.
CO4 - Create their Embroidery designs on computer for Dress designing.
CO5 - Know to design the garments in their Creativity.
CO6 - Gain Knowledge about the Designing Software.

Mode of Practical Examination: Conducted by Examination

COMPONENTS OF CAE (Distribution of Marks)				COMPONENTS OF ESE (Distribution of Marks)		Total Marks
Through assignment/, Completion of Exercises/ Drawing Model/ Plates/ Seminar/ Workshop		Model Exam (50 Marks)	Attendance (5 Marks)	University end semester		
Continuous Assessment I (25 Marks)	Continuous Assessment II (25 Marks)			Examination	Viva voce / Presentation	100
Converted to 25 Marks		20 Marks	5 Marks	50 Marks	-	

