

Chaudhary Bansi Lal University, Bhiwani

(A State University established under Haryana Act No. 25 of 2014)



Scheme of Examinations & Syllabi of Bachelor of Fashion Designing (Scheme-C)

(w.e.f. 2024-25)

**Undergraduate Programme
as per NEP 2020**

Curriculum and Credit Framework for Undergraduate Programme
(Multiple Entry-Multiple Exit, Internship and Choice Based Credit System LOCF)
With effect from the session 2024-25 (in phased manner)

**DEPARTMENT OF FASHION DESIGNING
Chaudhary Bansi Lal University, Bhiwani
HARYANA, INDIA**

Scheme of Examinations Curriculum and Credit Framework for Bachelor of Fashion Designing as per NEP-2020
(Multiple Entry-Multiple Exit, Internships and Choice Based Credit System LOCF) w.e.f. the session 2024-25 (in a phased manner)

Course Category	Course Code	Course Title	Total Credits	Marks		
				Internal	External	Total
SEMESTER-I						
MCC-1	24UN-FD-101	Design Studies	4	30	70	100
MCC-2	24UN-FD-102	Textile Science-I	4	30	70	100
CC-M1	24UN-FD-103	Principles of Sewing	4	30	70	100
MDC-1	24UN-FD-MDC101	History of Fashion-I	3	20	50	70
AEC-1	From Available pool of Ability Enhancement Courses as per NEP		2	15	35	50
SEC-1	From Available pool of Skill Enhancement Courses as per NEP		3	20	50	70
VAC-1	From Available pool of Value-Added Courses as per NEP		2	15	35	50
TOTAL			22	540		
SEMESTER-II						
MCC-3	24UN-FD-201	Dynamics of Fashion	4	30	70	100
DSEC-1	24UN-FD-202	Apparel Production-I	4	30	70	100
CC-M2	24UN-FD-203	Garment Construction Techniques	4	30	70	100
MDC-2	24UN-BBA-MDC201	Introduction to Entrepreneurship Development	3	20	50	70
AEC-2	24UN-FLD-AEC102	Fashion Design Software	2	15	35	50
SEC-2	From Available pool of Skill Enhancement Courses as per NEP		3	20	50	70
VAC-2	From Available pool of Value-Added Courses as per NEP		2	15	35	50
TOTAL			22	540		
Students exiting the programme after second semester and securing 48 credits including 4 credits of summer internship will be awarded UG Certificate in the relevant Discipline/Subject						

NOTES:

DSEC	Discipline Specific Elective Course: Credit of a DSEC major could be the combination of lecture credits, tutorial credits, and practical credits. D includes core courses, subject elective and subject skill enhancement courses.
MDC	Multidisciplinary Course: All UG students must undergo three introductory level multidisciplinary courses. Students are not allowed to choose Repeat courses already undergone at the higher secondary level (12 th class) or opted as major and minor stream under this category.
AEC	Ability Enhancement Course: Ability Enhancement (Language) courses may be designed to achieve competency in the Modern Indian Language : English, with a special emphasis on language and communication skills. Hereby, the students are required to study a course on “ Communication Skill ” or any related course for the enhancement of communication skills offered by the department or from the university pool.
SEC	Skill Enhancement Course: Skill Enhancement Courses may be primed to impart practical skills, hands-on training, soft skills, etc., to enhance student's employability. Students are required to study at least one Skill Enhancement Course to gain computer competency before exit.
Summer Internship	Internships will require 120 hours (1 credit:30 hrs of engagement) of involvement working with local industry, government or private organization business organizations, artists, crafts persons, and similar entities during summers. #Four credits of internship earned by a student during summer internship after 2nd semester or 4th semester will be counted in 5th semester if student who pursues a 3-year UG program without taking the exit option.
VAC	Value Added Course: All UG students are required to study at least four Value Added Courses to complete their degree of which “ Environmental Studies ” and “ Human Values and Ethics ” are to be studied compulsorily before exit.
MIC including VOC	Minor Course (MIC) with minimum 24 Credits including Vocational Course (VOC)

Semester I
Course Nomenclature: Design Studies
Course Code: 24UN-FD-101
Course Type: MCC-1

Credits: 4

Duration of Exam: 3 Hrs.

Max. Marks: 100

External Assessment Marks: 70

Internal Assessment Marks: 30

Objective: The main objective of this subject is to make the students understand the basic elements & principles of design for new product development.

Course Outcomes: After completion of the course, learners will be able to:

CO1: Understand different elements of design.

CO2: Learn proper use of color and its schemes

CO3: Study of principles of design.

CO4: Learn suitable clothing requirements according to different age groups.

***Note for the Paper Setter:** The question paper will consist of **nine** questions in all. The first question will be compulsory and will consist of **seven** short questions of **2** marks each covering the whole syllabus. In addition, **eight** more questions of **14** marks each will be set unit-wise, consisting of **two** questions from each of the **four** units. The candidates are required to attempt **one** compulsory question and **four** more questions selecting at least one question from each unit.*

UNIT I

Introduction to design: The concept of design, classification of design, Elements of design - line, dot, print etc. Types of lines-vertical, horizontal, diagonal, wavy, zig- zag, dotted, dashed, spiral and their application in designing. Types of dots- polka dot, etc. General idea about weave and colour effect.

UNIT II

Motifs, different types of motifs. Geometrical shapes. Composition of designs-by Geometric ornamentation by the conventional treatment of natural and artificial forms and by the adoption and reproduction of earlier designs. Construction of symmetrical figures, Reversing inclined figures. Different types of silhouettes.

UNIT III

Color schemes- Warm, Cool, Hue, Value, Intensity, Complementary, split complementary, achromatic, monochromatic analogous, tints, tones, and shades, Color composition: Color mixing, visual identification of hues in color, and generation of the same. Colour harmony. Modification of colours as formation of tint, shades & coloured grays etc. Colour intensity charts. Principle of colour measurement: Munsell system: hue, chroma and value and CIE lab colour system. Metamerism

UNIT IV

Principles of design: Repetition, Gradation, Radiation, Dominance, Contrast, balance, proportion emphasis on rhythm, Unity, and harmony. Integration of elements and principles of design to develop a product, the inspirational concept of design to generate innovation, theme-based designing, and inspirational designing.

Suggested Readings:

1. Gupta S., Garg N. and Saini R., *Clothing Textile and Laundry*.
2. Elements of Design: Rowena Reed Kostellow and the Structure of Visual Relationships, Gail Greet Hannah, 2002
3. Basic Principles of Design, Manfred Maier, Vol. 1-4
4. Comdex Fashion Design, Vol I, Fashion Concepts, Navneet Kaur, Vikas Pub, 2010
5. Sodhia M., *Design Studies*, Kalyani Publishers.
6. Farem S. and Hudson T., *Fashion design course*
7. Lewis T., *Ultimate guide to become a designer*.

Semester I
Course Nomenclature: Textile Science-1
Course Code: 24UN-FD-102
Course Type: MCC-2

Credits: 4

Duration of Exam: 3 Hrs.

Max. Marks: 100

External Assessment Marks: 70

Internal Assessment Marks: 30

Objective: The main objective of this subject is to make the students understand the basic science of Textiles, fibre, yarn and fabrics

Course Outcomes: After successfully completing the course, students will be able to:

CO1: Understand the manufacturing of textile fibers

CO2: Understand the yarn classification and their properties

CO3: Study based on the identification of textile fibers

CO4: Acquire the basic knowledge on fabric construction

***Note for the Paper Setter:** The question paper will consist of five questions in all. The first question will be compulsory and will consist of seven short questions of two marks each covering the whole syllabus. In addition, four more questions of 14 marks each will be set unit-wise, consisting of two questions from each of the two units. The candidates are required to attempt one compulsory question and two more questions selecting at least one question from each unit.*

UNIT I

Introduction to textiles: Textile terminology, textile fibers and yarns, historical existence of fibers and textiles. Introduction to textile industry, Introduction to textile raw materials, Introduction to loom, Woven Fabric, Non-Woven, Knitted Fabrics

UNIT II

Introduction to fibers, essential and desirable properties of textile fibers, classification of textile fibers based on their origin and constituents, important fiber properties and their effect on influencing yarn and fabric properties, effect of fiber cross-sectional structure upon luster and other physical fiber properties. Identification of textile fibers based on microscopic and burning tests. Manufacturing of textile fibers: cotton, linen, jute, wool, silk viscose rayon, polyester, nylon, acrylic, Lycra and others.

UNIT III

Introduction to yarn, classification of yarns and their types, comparison in spun and filament yarns, commonly used manufacturing processes, manufacturing of staple or spun yarns cotton spinning system, flow chart from fiber to spun yarn, carded and combed yarn.

UNIT IV

Method of fabric construction: Weaving-Basic weaves, plain, satin, twill and their variations. Fancy weaves-pile, dobby, jacquard, extra warp and weft figure, leno, crepe and double cloth. Other methods of fabric construction- knitting, braiding, lace and felt. Non-woven fabrics and their applications

Suggested Readings:

1. Garg N., *Clothing and Textile*.
2. 'Understanding Fabrics, Akshay Fabrics, Sarv International, 2017
3. Goh L E PG and Vilensky LD, "Textile Science", CBS Publishers, Delhi, 1983
4. Cook Gordon J, "Hand Book of textile fibre", Vol. I and II, Woodhead Fibre Science series, UK 1984.
5. Gupta VB and Kothari V K, "Manufactured Fibre Technology", 1st Ed., Chapman and London, 1997.
6. Kothari V K Ed. "Textile Fibers: Developments and Innovations, IAPL Publications.
7. Salhotra KR, "Spinning of Man-Made Fibres and Blends on Cotton Spinning System", The Textile Association, Mumbai, 1989.
8. Sara J. Kadolph, "Textiles", Prentice Hall, 10th edition 2007.
9. Bernard P. Corbman, "Textile Fibres to Fabric" McGraw hill Publications, 6th Edition 1983 Textile Science I Laboratory
10. Clive Hallett (2014), Fabric to Fashion, Laurence King Publishing
11. Dana Willard (2012), Fabrics A-to-Z: The Essential Guide to Choosing and Using Fabric for Sewing, Harry N Abrams
12. Gupta S., Garg N. and Saini R., *Clothing Textile and Laundry*.

Semester I
Course Nomenclature: Principles of Sewing
Course Code: 24UN-FD-103
Course Type: CC-M1

Credits: 4

Max. Marks: 100

Duration of Exam: 3 Hrs.

External Assessment Marks: 70

Internal Assessment Marks: 30

Objective: The objective of this course is to help the students to acquire the skill in terms of sewing techniques.

Course Outcomes: After completion of the course, learners will be able to:

CO1: Understand different sewing tools and their applications.

CO2: Gain knowledge about sewing machines and their suitability and functions

CO3: Study of Constructional techniques stitches, seams and seam finishes.

CO4: Learn body measurement and pattern making techniques.

***Note for the Paper Setter:** The question paper will consist of **nine** questions in all. The first question will be compulsory and will consist of **seven** short questions of 2 marks each covering the whole syllabus. In addition, **eight** more questions of **14** marks each will be set unit-wise, consisting of **two** questions from each of the **four** units. The candidates are required to attempt **one** compulsory question and **four** more questions selecting at least one question from each unit.*

UNIT I

Equipment and materials used in clothing construction, sewing- introduction and terminology, sewing tools, cutting, measuring, marking stitching and pressing tools.

UNIT II

Sewing machines: - suitability and functions of different sewing machines, maintenance of sewing machines, common defects and their mechanism.

UNIT III

Types and applications of constructional techniques hand stitches, seams and seams finishes techniques of fullness, fasteners, necklines, collars, plackets, skirts, fusible and quilting

UNIT IV

Recording of body measurement, Care to be taken while taking body measurement. Different methods of developing a design- Drafting, pattern making, draping (in brief) their advantages and disadvantages.

Suggested Readings:

1. Garg N., *Clothing and Textile*.
2. Gupta S., Garg N. and Saini R., *Clothing Textile and Laundry*.
3. Joseph H. and Berry B., *Draping for apparel design*.
4. Joseph H., *Pattern making for fashion*, Pearson.
5. Manmeet sodhia, *garment manufacturing Kalyani publishers*
6. Manmeet Sodhia, *drafting and pattern making, Kalyani publisher*

Semester I
Course Nomenclature: History of Fashion -I
Course Code: 24UN-FD-MDC101
Course Type: MDC-I

Credits: 3

Duration of Exam: 3 Hrs.

Max. Marks: 70

External Assessment Marks: 50

Internal Assessment Marks: 20

Objective: The objective of this course is to help the students to understand basic concepts of Fashion, development of new products in contemporary style derived from the traditional patterns of design.

Course Outcomes: After completion of the course, learners will be able to:

CO1: Study of Indian costumes through ages & regions.

CO2: Understand the drapes of different states.

CO3: Gain knowledge of the rich & culture heritage of people in India

CO4: Create contemporary versions based on traditional costumes

Note for the Paper Setter: The question paper will consist of *nine* questions in all. The first question will be compulsory and will consist of *five* short questions of 2 marks each covering the whole syllabus. In addition, *eight* more questions of *10 marks each* will be set unit-wise, consisting of *two* questions from each of the *four* units. The candidates are required to attempt *one compulsory question* and *four more questions* selecting at least one question from each unit.

UNIT-I

Origin of clothing. Objectives of costumes, main archetypes of costumes. Principles of clothing and fashion. Theories of clothing-Protection, Adornment, modesty & combined need theory etc. Framework for the formulation of costumes in a civilization. Classification of fashion. History of fashion in India from the earliest known civilization: Indus Valley and Harappan Culture (3300- 1300 BC).

UNIT-II

Terminology of fashion, Fashion cycles and sources of fashion, Effect of various factors communication, industry, economy, sports etc on fashion. Prehistoric costume-Concept and comparison of all stages as Paleolithic, Neolithic etc. Study of traditional costumes of Indian States- Punjab, Haryana, Himachal Pradesh, Gujarat, Rajasthan, Maharashtra, and Kashmir.

UNIT-III

Outline of Indian history of fashion. Study of Costumes, jewellery, footwear, hairstyles etc. in India in different periods as-Vedic and post Vedic period, Indus Valley civilization Historical shreds of evidence of the Influence of the Mughal era and Victorian Age in the fashion industry Introduction to contemporary fashion in the modern age.

UNIT-IV

Present trends in fashion like mass production, retailing, various categorizations. Introduction to fashion forecasting and fashion seasons. Use of traditional textiles in contemporary designs, Reflection of traditional costumes into contemporary fashion.

Suggested Readings:

1. Kumar R., "Costumes and Textiles of Royal India". Christies Book Ltd. London, 1999.
2. Gurey G.S, *Indian Costumes*, The popular book depot.
3. Sodhia M., *History of Fashion*
4. Joy Diamond, Eileen Diamond, *Fashion Apparel and Accessories*.

Semester II
Course Nomenclature: Dynamics of Fashion
Course Code: 24UN-FD-201
Course Type: MCC-3

Credits: 4

Duration of Exam: 3 Hrs.

Max. Marks: 100

External Assessment Marks: 70

Internal Assessment Marks: 30

Objective: The objective of this course is to help the students to acquire conceptual knowledge about dynamics of fashion.

Course Outcomes: After completing the course, students will be able to:

CO1: Understanding the fashion dynamics

CO2: Understand the colors and shapes of design products

CO3: Study based on the identification of design process

CO4: Acquire the basic knowledge on product development

***Note for the Paper Setter:** The question paper will consist of **nine** questions in all. The first question will be compulsory and will consist of **seven** short questions of **two** marks each covering the whole syllabus. In addition, **eight** more questions of **14** marks each will be set unit-wise, consisting of **two** questions from each of the **four** units. The candidates are required to attempt **one compulsory question** and **four more questions** selecting at least one question from each unit.*

UNIT I

Fashion: Definitions, origin, evolution, importance, terminology. Fashion and silhouette, fashion characteristics, factors affecting fashion movements.

UNIT II

Components of Fashion: Tangible and Intangible. Fashion cycle; Stages, cycle length and broken fashion cycle. Theories of fashion adoption. Principles of fashion. Fashion trends and analysis.

UNIT III

Fashion forecasting: meaning, indicators used for prediction, sources of forecasting, driving forces of fashion.

UNIT IV

Role of fashion designers and institutes for development of the fashion industry. Study of creation of leading Indian fashion designers. Career in fashion industry.

Suggested readings:

1. Diamond, J and Pinter, G. *Retail Buying*, Prentice Hall of India Pvt. Ltd., New Delhi. 1997
2. Donnellan, J., *Merchandise Buying and Management*. Fairchild Publications, New York. 1999
3. Greenwood, K.M. and Murphy, M.F., *Fashion Innovation and Marketing*. Macmillan Publishing Co. Inc., New York. 1978

Semester II
Course Nomenclature: Apparel Production-I
Course Code: 24UN-FD-202
Course Type: DSEC-1

Credits: 4

Duration of Exam: 3 Hrs.

Max. Marks: 100

External Assessment Marks: 70

Internal Assessment Marks: 30

Objective: The main objective of this subject is to make the students understand the basic concepts of Apparel and Raw material requirements & production techniques

Course Outcomes: After successfully completing the course, students will be able to:

CO1: Understand the apparel industry - organization and functioning.

CO2: Gain the knowledge about pre-production processes of Apparel Industries

CO3: Study based on different types of stitches, seams

CO4: Familiarize with various machines, tools and equipment used in the garment industry.

Note for the Paper Setter: The question paper will consist of **five** questions in all. The first question will be compulsory and will consist of **seven** short questions of **two** marks each covering the whole syllabus. In addition, **four** more questions of **14 marks each** will be set unit-wise, consisting of **two** questions from each of the **two** units. The candidates are required to attempt **one compulsory question** and **two more questions** selecting at least one question from each unit.

UNIT I

Introduction to apparel industry, Organization of apparel industry, Standards and Specifications, Time and Motion study, Various departments in Apparel Industries, Various raw materials used in Apparel Industries.

UNIT II

Pre-production Processes, Rrecording measurements, Preparation of specification sheet/Tech-pack, Pattern making, Fabric development and sourcing, Sampling, Production planning & control. Case studies on Three-dimensional human body measurement systems used in apparel industry, Use of software for creating tech-packs.

UNIT III

In production processes, machines, equipment and work aids: Marker making, Spreading, Cutting, Ticketing and Bundling, Introduction of stitches – types, formation and suitability, Seam types – suitability and usage, sewing threads – Definition of sewing thread numbering, methods of manufacturing and their properties, Sewing machine needles- types – straight and curved, needle points, sizes and uses of needles. Relationship between Needle and Sewing threads,

UNIT IV

Sewing machine Types – Basic lock stitch, chain stitch and over lock machines (Parts, function, sewing defects, care & maintenance, common problems and remedies), Special purpose machines- blind stitch, bar tack, button sewing and button holes, Different types of machine beds-flatbed, raised bed, post bed, cylindrical bed and side bed. Transmission of power, Types of belts- Flat belt and v belt, Different type of feed mechanism and their application – bottom/drop feed, needle feed, top and bottom feed, and differential feed mechanism, Different types of presser foot and their uses, types of fabric guides and their uses. Function of hook sets and loppers – types and uses. Application of folders and attachments in sewing machines.

Suggested Readings:

- 1.Rajesh Bheda “Managing Productivity in the Apparel Industry” CBS Publishers & Distributors (2006)
- 2.Helen Joseph Armstrong “Pattern Making for Fashion Design”, Dorling Kindersley India Pvt.Ltd.(2009)
- 3.Mary Mathews, “Practical clothing construction” Thomson & co., madras, 1974.
4. Jacob Solinger., “Apparel Manufacturing Handbook”, VanNostrand Reinhold Company(1980).
- 5.Herold Carr and Barbara Iatham “The technology of clothing manufacture”, Om book service 1994.
- 6 Laing R.M. Webster J. “Stitches and seams”, The textile institute1998.
- 7 Shaeffer Clair “Sewing for apparel Industry” Prentice Hall, New Jersey2001.
- 8 “Apparel Manufacturing Process”, Kunz.
- 9 Pattern Making for Fashion Design, Helen Joseph Armstrong, Dorling Kindersley India Pvt. Ltd (2006)
10. Practical clothing construction, Mary Mathews, Thomson & co., madras, 1974.
11. A.J Chuter “Introduction to clothing production management”
12. Gerry cooklin “Introduction to clothing manufacture”
13. Charline Phillips “Sewing machine attachment Hand book”.

Semester II
Course Nomenclature: Garment Construction Techniques
Course Code: 24UN-FD-203
Course Type: CC-M2

Credits: 4

Duration of Exam: 3 Hrs.

Max. Marks: 100

External Assessment Marks: 70

Internal Assessment Marks: 30

Objective: The main objective of this subject is to make the students understand the basic elements & principles of cutting and stitching based on the Industrial apparel designing

Course Outcomes: After completion of the course, learners will be able to:

CO1: Introduced with different types of seams.

CO2: Learn proper use of threads and needle according to the fabric type.

CO3: Study of different designs being followed by a garment industry.

CO4: Learn suitable clothing according to different age groups.

Practical:

- Sewing tools and their diagrams.
- Sewing machine and its parts diagrams, Functions, care and maintenance,
- Making samples of: Basic hand stitches- basting, hemming-visible/invisible, Types of seams finishes- plain, run and fell, lapped, counter, over lock, hand overcast, Fullness-darts, tucks, pleats, ruffles, frills and gathers, fasteners plackets.
- Taking Measurements according to the body types

Evaluation Scheme: Students will be evaluated both Internally and Externally. Evaluation will be done based on Practical files, Continuous assessment based on their practical work in the classes as well as Viva-voce and practical examination conducted by the Internal and External Examiner

Suggested Readings:

1. Garg N., *Clothing and Textile*.
2. Gupta S., Garg N. and Saini R., *Clothing Textile and Laundry*.
3. Joseph H. and Berry B., *Draping for apparel design*.
4. Joseph H., *Patternmaking for fashion*, Pearson.

Semester II
Course Nomenclature: Introduction to Entrepreneurship Development
Course Code: 24UN-BBA-MDC201
Course Type: MDC2

Credits: 4

Duration of Exam: 3 Hrs.

Max. Marks: 100

External Assessment Marks: 70

Internal Assessment Marks: 20

Objective: The main objective of this subject is to make the students understand the basic concepts of Apparel and Raw material requirements & production techniques

Course Outcome: At the end of the course students will be able to:

CO1: Demonstrate an understanding of basic concepts of entrepreneurship.

CO2: Exhibit practical knowledge required for become an entrepreneur.

CO3: Appraise a business project.

CO4: Start a small business venture in India.

***Note for the Paper Setter:** The question paper will consist of **nine** questions in all. The first question will be compulsory and will consist of **five** short questions of **2** marks each covering the whole syllabus. In addition, **eight** more questions of **10** marks each will be set unit-wise, consisting of **two** questions from each of the **four** units. The candidates are required to attempt **one compulsory question** and **four more questions** selecting at least one question from each unit.*

UNIT-I

Basics of Entrepreneurship: Entrepreneurship: Introduction, functions, need and importance, Competencies and characteristics, Role of Creativity and Innovation in Entrepreneurship.

UNIT-II

Preparing a Business Plan: Meaning and Objectives of a Business Plan, Advantages and cost of preparing a Business Plan, Elements, and Critical Assessment.

UNIT-III

Financing the New Venture: Importance of new venture financing, types of ownership securities, venture capital, types of debt securities, determining ideal debt-equity mix, and financial institutions and banks.

UNIT-IV

Entrepreneurial Challenges: Barriers to Entrepreneurship, Challenges faced by entrepreneurs. Case Study of some successful Entrepreneurs in India.

SUGGESTED READINGS: (Latest Edition)

1. Brace R., and R., Duane Ireland, Entrepreneurship, Pearson Prentice Hall.
2. Charantimath, Poornima, Entrepreneurship Development and Small Business Enterprises, Pearson Education, New Delhi.
3. Desai Vasant, Management of Small-Scale Industries, Himalaya Publishing House
4. Gupta C.B. & Srinivas, Entrepreneurial Development, Sultan D, Chand & Sons, New Delhi
Lall, Madhurima, and Shikha Sahai, Entrepreneurship, Excel Book, New Delhi

Semester II
Course Nomenclature: Fashion Design Software
Course Code: 24UN-FD-AEC 102
Course Type: AEC-2

Credits: 3

Duration of Exam: 3 Hrs.

Max. Marks: 70

External Assessment Marks: 50

Internal Assessment Marks: 20

Objective: The main objective of this subject is to make the students understand the basic software used for Fashion and Apparel, Textile Designing.

Course Outcomes: After completion of the course, learners will be able to:

CO1: Understand vector-based Bitmap graphic systems

CO2: Develop skills on Illustrator.

CO3: Gain knowledge on Photoshop and develop designs based on Photoshop

CO4: Gain knowledge on Coreldraw and develop designs based on Coreldraw

***Note for the Paper Setter:** The question paper will consist of **nine** questions in all. The first question will be compulsory and will consist of **five** short questions of 2 marks each covering the whole syllabus. In addition, **eight** more questions of **10 marks each** will be set unit-wise, consisting of **two** questions from each of the **four** units. The candidates are required to attempt **one compulsory question** and **four more questions** selecting at least one question from each unit.*

UNIT-I

Understanding vector-based Bitmap graphic systems, Case studies on Vector graphics like Inkscape, SVG-Edit, Skencil and Pencil 2D etc.with application in Textiles, Apparel, Accessories etc.

UNIT-II

Developing Skills in Illustrator, The Illustrator Workspace, Essential Illustrator tools and panels, working with colour, using the drawing tools, gradients and additional colour options, Adding and formatting text, placing text on a path, working with layers, creating projects with Illustrator.

UNIT-III

Developing Skills in Photoshop, Introduction to the Work Area, understanding pixels, toolbars, palettes and menus in Photoshop, Creating Simple Graphics, Learn how to create various graphics, ads, logos, banners, etc., Learn how to manipulate photographs with various 2D graphics techniques and other more complex image manipulation practices.

UNIT-IV

Essentials in Design skills, text layout, documentation and design skills, developing skills in Corel draw to learn production-based vector graphics, Material application, play with shadows and other details to the artwork produced and other open-source software.

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○ **Suggested Readings:**

1. Jinlian Hu., " *Computer Technology for Textile and Apparel* .
2. R Sheela and RS Amsamani , Computers in the Garment Industry
3. Fredrich L Chipkin, Adobe Photoshop and Textile Design
4. Gurey G.S, *Indian Costumes*, The popular book depot.
5. SodhiaM., *History of Fashion*
6. Joy Diamond, Eileen Diamond ,*Fashion Apparel and Accessories*.
7. Wilfred Aldrich, CAD in Clothing and Textiles, Blackwell Science, 1994
8. M. Kathleen Colursy, Fashion design on Computers, Prentice Hall, 2004

Course Nomenclature: Fashion Art-I
Course Code: 24UN-FDT-SEC101
Course Type: SEC-2

Credits: 3

Duration of Exam: 3 Hrs.

Max. Marks: 70

External Assessment Marks: 50

Internal Assessment Marks: 20

Objective: The main objective of this subject is to make the students understand the basic elements & principles of Design to create a new product.

Course Outcomes: After completion of the course, learners will be able to:

CO1: Introduced with different elements of design.

CO2: Study of principles of design.

CO3: Proper use of colour and its schemes.

CO4: Suitable clothing according to different age groups.

LIST OF PRACTICALS

1. Introduction to Fashion Art
2. Introduction to Textures
3. Use of Different Textures
4. Implementation of Textures on papers and Fabrics
5. Use of different color mediums
6. Different techniques of brush strokes
7. Colour blending and merging into different forms
8. Observations on Fashion art by survey
9. Market survey
10. Visits to exhibitions related to fashion art

Suggested Readings:

1. Gupta S., Garg N. and Saini R., *Clothing Textile and Laundry*.
2. Elements of Design: Rowena Reed Kostellow and the Structure of Visual Relationships, Gail Greet Hannah, 2002
3. Basic Principles of Design, Manfred Maier, Vol. 1-4
4. Comdex Fashion Design, Vol I, Fashion Concepts, Navneet Kaur, Vikas Pub, 2010
5. Sodhia M., *Design Studies*, Kalyani Publishers.
6. Farem S. and Hudson T., *Fashion design course*
7. Lewis T., *Ultimate guide to become a designer*