

# **Guru Kashi University**



**Diploma in Fashion Design**

**Session: 2023-24**

**Department of Fashion Design**

### Programme Structure

<b>Semester-I</b>						
<b>Course Code</b>	<b>Course Name</b>	<b>Type of course</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
			DFD101	Communication Skills-I	Core Course	
DFD102	Elements of design	Core Course	4	0	0	4
DFD103	Drafting & Pattern Making	Core Course	3	0	0	3
DFD104	Fundamental of Computer	Core Course	3	0	0	3
DFD105	Elements of design Lab	Skill Based	0	0	4	2
DFD106	Drafting & Pattern Making Lab	Skill Based	0	0	4	2
DFD107	Fundamental of Computer Lab	Skill Based	0	0	4	2
<b>Total</b>			<b>14</b>	<b>0</b>	<b>12</b>	<b>20</b>

<b>Semester-II</b>						
<b>Course Code</b>	<b>Course Name</b>	<b>Type of course</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
			DFD201	Communication Skills-II	Core Course	
DFD202	Sewing Techniques & Equipment	Core Course	4	0	0	4
DFD203	Fashion Studies	Core Course	4	0	0	4
DFD204	Textile Studies-I	Core Course	4	0	0	4
DFD205	Sewing Techniques & Equipment Lab	Skill Based	0	0	4	2
DFD206	Fashion Illustration-I Lab	Skill Based	0	0	4	2
DFD207	Textile Studies-I Lab	Skill Based	0	0	4	2
<b>Total</b>			<b>16</b>	<b>0</b>	<b>12</b>	<b>22</b>

**Evaluation Criteria for Theory Courses**

**A. Continuous Assessment: [25 Marks]**

CA1: Surprise Test (Two best out of three) - (10 Marks)

CA2: Assignment(s) (10 Marks)

CA3: Term paper/Quiz/Presentations (05 Marks)

B. Attendance: [5 Marks]

C. Mid Semester Test-1: [30 Marks]

D. End-Term Exam: [40 Marks]

**Evaluation Criteria for Practical Courses**

A. Each Practical: {10 Marks}

B. Report: {05 Marks}

C. Practical Viva: {05 Marks}

Total Marks of each Practical: 20 Marks

10A/C

**SEMESTER-I****Course Title: Communication Skills-I****Course Code: DFD101**

L	T	P	Cr.
4	0	0	4

**Total Hours: 60****Course Content****UNIT I****15 hours**

English Language: Sentence, Parts of speech, Tenses, Active passive voice, Direct, Indirect speech, Creative writing& vocabulary, Comprehension passage, Reading of Biographies of at least 10 IT business personalities.

**UNIT II****14 hours**

Business communication: Types, Medias, Objectives, Modals, Process, Importance Understanding Barriers to communication & ways to handle and improve barriers. Listening skills: Its importance as individual and as a leader or as a worker, Types of listening and Traits of a good listener, Note taking, barriers to listening & remedies to improve listening barriers.

**UNIT III****16 hours**

Nonverbal Communication- understanding what is called nonverbal communication, its importance as an individual, as a student, as a worker and as a leader, its types. Presentation skills-Its Purpose in business world, How to find material for presentation, How to sequence the speech with proper introduction and conclusion, How to Prepare PPT& Complete set of required body language while delivering presentation.

**UNIT IV****15 hours**

Reading Skills- to enhance independent reading, Comprehension Passages, News / Magazine articles on stereotype topics, Poems – Abu Ben Adhem, The Tiger Writing skills- Importance of reading and writing, improving writing skill through Basic cohesive paragraph writing, resume writing, Job application writing/acceptance letter.

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- *“Effective Business Communication”, M.V. RODRIGUEZ*
- *“Living English Structure”, W. Standard Allen (Orient Longman)*
- *“Business Communication”, Menasha Raman, Parkash Singh, Paperback Edition, Oxford University Press.*

IOAFC

**Course Title: Elements of design****Course Code: DFD102**

L	T	P	Cr.
4	0	0	4

**Total Hours: 60****Course Content****UNIT I****16 hours**

Elements of design- Line- Different types of line, application of line in designing (effect of length and thickness to create illusion) Texture- Factors affecting textures, Form-Shape/silhouettes. Color- Color Dimensions of color- hue, Intensity, value, Aspects of color- warm cool, Advancing, receding, dark, pale and bright. Color wheel-Primary colors, secondary colors, and tertiary colors. Basic color schemes- achromatic, analogues, monochromatic, complimentary, and neutral Space

**UNIT II****13 hours**

Principles of design-Balance, Rhythm, Emphasis, Harmony/ unity, proportion, Selection of clothing according to the Element and Principal of design .Define collage- types of collage. Designing of clothes for different age groups using principles and Elements of design and its advantages on appears

**UNIT III****15 hours**

Design concept- Definition and understanding aspects of design  
Classification of design: Applied-Painting, Embroidery, Dyeing, Printing and Finishing Structural-Through variation in fiber, yarn, fabric formation and development Types of motifs- Natural, Stylized, abstract/ modern, Religious Designs in Fabric- Motifs and patterns Importance of fabric design in garment construction Effect of fabric design on body appearance Understanding layouts and repeats of patterns in garments

**UNIT IV****16 hours**

Design process Research in relation to design Exploration and Conceptualization of design Design development and design worksheet  
Factors affecting the choice of Clothing for Different age groups (infant, creeper, School child, pre-adolescence, adolescents, adults, old-age group), occasions, personality and Seasons Various types of figures, selecting and designing clothing according to figure types

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- *Mullick, Prem Lata, "Garment Construction Skills", Kalyani Publishers, New Delhi*
- *Hillhouse and Mansfield, "Dress Design, Draping and Flat Pattern Making", HoughtonMiffic Company 1975.*

IOAFC



**Course Title: Drafting & Pattern Making****Course Code: DFD103**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45****Course Content****UNIT I****12 hours**

Terminology (Drafting & Pattern Making): Flat pattern making, template Working pattern, production pattern, design specification sheet, pattern Chart, cost-sheet, grain, dart, dart legs, dart intake, trueing and blending, Vertical lines, horizontal lines, perpendicular lines, symmetric and Asymmetric lines, style number, pattern size, Pivotal point. A study of tools and equipment Measuring tool Marking tools Cutting tools Finishing tools

**UNIT II****13 hours**

A study of anthropometry- List of measurements locating landmarks Taking body measurements Standard size charts

**UNIT III****9 hours**

Importance of Drafting & Pattern Making and their scope, Darts, formation of darts. Pattern Development: Drafting, Flat Pattern, Slash and Spread and Pivot methods.

**UNIT IV****11 hours**

Basics of Commercial paper pattern-Pattern Envelope Pattern Marking Pattern Layout

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- *“Basic Process and Clothing Construction”* By Shree Doongaji and Roshani Desh Pande, Publisher Unique Education Books, Raj Parkashan, New Delhi.
- Mullick, Prem Lata, *“Garment Construction Skills”*, Kalyani Publishers, New Delhi
- Hillhouse and Mansfield, *“Dress Design, Draping and Flat Pattern Making”*, HoughtonMiffic Company 1975.

**Course Title: Fundamental of Computer****Course Code: DFD104**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45****Course Content****UNIT I****11 hours**

Computer Fundamentals: Block diagram of a computer, characteristics of computers and generations of computers. Number System: Bit, byte, binary, decimal, hexadecimal, and octal systems, conversion from one system to the other, representation of characters, integers and fractions.

Binary Arithmetic: Addition, subtraction and multiplication.

**UNIT II****13 hours**

Computer Codes: weighted and non-weighted code, BCD, EBCDIC, ASCII, Unicode. Input Devices: Keyboard, Mouse, Joy tick, Track Ball, Touch Screen, Light Pen, Digitizer, Scanners, Speech Recognition Devices, Optical Recognition devices – OMR, OBR, OCR Output Devices: Monitors, Printer and its Types.

**UNIT III****9 hours**

Memories: Units of Memory, Main Memories - RAM, ROM and Secondary Storage Devices - Hard Disk, Compact Disk, DVD. Introduction to Computer Terms like Hardware, Software

**UNIT IV****12 hours**

Computer languages: Machine language, assembly language, higher level language, 4GL. Introduction to Compiler, Interpreter, Assembler, Assembling, System Software, Application Software. Internet: Basic Internet terms: Web Page, Website, Home page, Browser, URL, Hypertext, Web Server, Applications: WWW, e-mail, Instant Messaging, Videoconferencing.

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- “Foundations of Computing”, P.K. Sinha and P. Sinha, First Edition, 2002, BPB.
- “Computers Today”, D. H. Sanders, Fourth Edition, McGraw Hill, 1988.
- “Fundamentals of Computers”, V. Rajaraman, Second Edition, Prentice Hall of India,

- *New Delhi, 1996.*
- *“Information Technology”, Satish Jain, Paperback Edition, BPB 1999.*
- *“Fundamentals of Information Technology”, Chetan Srivastva, Third edition, Kalayani Publishers.*

IOAFC

**Course Title: Elements of Design Lab****Course Code: DFD105**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>

**Total Hours: 30****Course Content****30 hours**

Draw different designs using Elements of design. Draw different designs using principals of design. Color wheel-primary color, secondary color, tertiary color. Draw design using Color Aspects in designs -warm, cool, hot, cold, dark, pale and bright. Make design with achromatic, analogues, monochromatic, complimentary, and neutral color schemes. Make different types of collage. Adaption of different types of textures (50 types) Texture of fabrics- silk, satin, velvet, denim, corduroy, net, fur, knitting Rendering techniques

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- *Haslam, A. (2006). Book design. Laurence King Publishing.*
- *Leborg, C. (2006). Visual Grammar: A Design Handbook (Visual Design Book for Designers, Book on Visual Communication). Princeton Architectural Press.*

**Course Title: Drafting and Pattern Making Lab**  
**Course Code: DFD106**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30**

### **Course Content**

**30 hours**

Standard Measurements chart for children .Developing pattern of Basic Bodice Block of a Child and sleeve block. Adaptation of sleeve block to: -Set-in-sleeves -Plain, Puff, Cap, Bell, Umbrella, Flared -Part bodice in sleeve - Raglan, extend bodice sleeve – Magyar Adaptation of collars: Peter Pan, Raised peter pan, Cape, Baby collar, Mandarin Basic Skirt Block & its adaptation to: Straight skirt, A-line skirt, Gathered, Pleated Circular skirt-full and half. Pockets – Patch, , inseam, bound, flap, Kangaroo pocket Pattern of kid’s casual wear-Slip, panty and romper. Drafting for the Basic Bodice Block of a child on full scale. Developing full scale Paper Patterns for basic body block, Collars, Skirts and casual wear.

### **Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

### **Suggested Reading:**

- *Matthews-Fairbanks, J. L. (2018). Pattern Design: Fundamentals: Construction and Pattern Drafting for Fashion Design. Fairbanks Publishing LLC.*
- *Goodyear, P., & Retalis, S. (2010). Technology-enhanced learning: Design patterns and pattern languages. BRILL.*

**Course Title: Fundamental of Computer Lab****Course Code: DFD107**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30****Course Content****30 hours**

Introduction of Microsoft word and Microsoft PowerPoint and Excel. Mathematical operations in excel. Using Outlook. Making presentations of reports in word, excel, Power Point. Make presentation in PowerPoint with its multimedia Implementation of PowerPoint, word, excel tool. Introduction to coral draw and tools.

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- *“Foundations of Computing”, P.K. Sinha and P. Sinha, First Edition, 2002, BPB.*
- *“Computers Today”, D. H. Sanders, Fourth Edition, McGraw Hill, 1988.*
- *“Fundamentals of Computers”, V. Rajaraman, Second Edition, Prentice Hall of India, New Delhi, 1996.*
- *“Information Technology”, Satish Jain, Paperback Edition, BPB 1999.*
- *“Fundamentals of Information Technology”, Chetan Srivastva, Third edition, Kalayani Publishers.*

**SEMESTER-II****Course Title: Communication Skills-II****Course Code: DFD201**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>

**Total Hours: 60****Course Content****UNIT I****15 hours**

Introduction to Business Communication: Meaning and Definition; process and classification of communication; elements & characteristics of communication; barriers to effective communication in business organization; Formal and Informal communication; grapevine, importance of effective communication in business house; Principles of effective communication.

**UNIT II****14 hours**

Writing Skills: Inter-office memorandums; faxes; E-mails; writing effective sales letters - to agents; suppliers; customers; report writing; project writing.

**UNIT III****16 hours**

Curriculum Vitae (CV): Drafting a CV; writing job application and other applications; do's and don'ts while appearing for an Interview; types of interview.

**UNIT IV****15 hours**

Presentation Skills: Introduction; need of good presentation skills in professional life; preparing a good presentation; group discussion; extempore speaking. Interviews: Tips, dos and don'ts for job and higher studies

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- *“Effective Business Communication”, M.V. RODRIGUEZ*
- *“Living English Structure”, W. Standard Allen (Orient Longman)*
- *“Business Communication”, Menasha Raman, Parkash Singh, Paperback Edition, Oxford University Press.*

**Course Title: Sewing Techniques & Equipment's****Course Code: DFD202**

L	T	P	Cr.
4	0	0	4

**Total Hours: 60****Course Content****UNIT I****16 hours**

Introduction to sewing, sewing equipment's and supplies. Introduction and handling of sewing machines, its parts, their working Different types of sewing machines.

**UNIT II****13 hours**

Threading and bobbin winding. Maintenance- Sewing problems and their solutions. Introduction to threads and needles, their numbers and sizes in relation to different types of fabrics.

**UNIT III****15 hours**

Terminology and Classification used in: Collars, Sleeves, Pockets, Yokes, skirts

**UNIT IV****16 hours**

Fabric preparation for garment construction-principle for fabric layout and placing paper pattern and fabric, Handling special fabrics Fabric estimation and its importance. Fitting: Good fitting, Fitting problems and their solution.

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- *“Basic Process and Clothing Construction” By Shree Doongaji and Roshani Desh Pande, Publisher Unique Education Books, Raj Parkashan, New Delhi.*
- *“Garment Construction Skills” By Mullick Pr*



**Course Title: Fashion Studies****Course Code: DFD203**

L	T	P	Cr.
4	0	0	4

**Total Hours: 60****Course Content****UNIT I****16 hours**

Fashion definition : Its importance & Fashion evolution Fashion terminology : Style, change, Trend, fashion cycle, fad classic, fashion trend, silhouette, texture, color, design, coqui, couture Classifications of fashion. Fashion cycle and length of fashion cycle. Fashion theory-trickle down, -trickle across, bottom-up theory.

**UNIT II****15 hours**

Sources of fashion and fashion services. Factors affecting fashion. Inspiration of Fashion Forecasting fashion: In the reference to fabric, trend, style, color Brands and their influence on Forecasting Development of Fashion stores in Indian market Career in fashion industry

**UNIT III****13 hours**

Indian Fashion Centers- Mumbai, Kolkata, Delhi Brief introduction to Indian Fashion Designers and their style statement Sabyasachi Mukhrjee Tarun Tahillian Ritu Kumar Ritu Beri Raghvendra Rathore

**UNIT IV****16 hours**

International Fashion centers- Paris, Milan, London, New-York Brief introduction to International Fashion Designers and their style statement- Versace, George Armani, Coco-Chanel, Paul Poiret, Christian Dior Fashion Shows Fashion weeks

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Readings:**

- *“Dynamics of Fashion” By Elaine Ellen, Publisher Fairchild.*
- *Stephens, Gini. Fashion Concept to Consumer, Prentice Hall International, New Jersey 1999.*
- *Stone, Elanie & Samples, Jean. A., Fashion Merchandising, McGraw Hill, New York.*
- *Lyle, Dorothy, Contemporary Clothing, Bennett And Mc Knight Publishing Company, Peoria Illinois*
- *Sengupta., Hindol., Indian Fashion, Pearson Education, New Delhi 2005.*
- *Jain, Payal. Fashion Studies: An Introduction, Har Anand Publication 2004.*
- *Frings. Fashion Concept to Consumer, 3rd Edition, Prentice Hall International, New Jersey 1991.*

**Course Title: Textile Studies - I****Course Code: DFD204**

L	T	P	Cr.
4	0	0	4

**Total Hours: 60****Course Content****UNIT I****15 hours**

Introduction to textile fiber & terminology Classification of fibers based on their source and origin Primary and secondary properties of textile fibers  
 Manufacturing and properties (Physical and Chemical) of natural fibres- cotton, linen, silk, wool Manufacturing and properties (Physical and Chemical) of manmade fibres- Rayon, Nylon, Polyester, Glass fibre

**UNIT II****14 hours**

Introduction to Yarn- Classification of yarns Simple yarns- single, multiply and cord yarns Novelty yarns- slub, spiral, boucle, grenalelle, nub, chennile Textured yarns- stretch yarns, bulk yarn Blended yarns. Yarn properties to fabric performance – yarn liner density, twist in yarn, twist direction and strength, yarn count and yarn numbering system Different methods of Yarn spinning (mechanical spinning and chemical spinning) –Wet, Dry and Melt spinning

**UNIT III****15 hours**

Introduction to fabric construction and fabric properties Loom its parts & basic operations & classification and Physical properties of fabric ( Fabric strength, abrasion resistance crease recovery, stiffness, drivability, static electricity, Thermal conductivity, air Permeability, water repellency, thickness, shrink resistance, pilling resistance) Fabric count, Weaves

**UNIT IV****16 hours**

Weaves, Weaving terminology Classification of weaves- Plain weave- Rib weave, Basket, Twill ( right handed twill, left handed twill, even & uneven twill), Satin, Sateen Decorative weaves- Pile, Double cloth weave leno, Swivel, Tapestry, Dobby and Jacquard weave, Backed fabrics

**Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

**Suggested Reading:**

- Corbman., P. B., *Textiles Fibre to Fabric* Gregg, Division, Mc Graw Hill Book.
- Phyllis, G. Tortora., *Understanding Textile, (2nd Edition), Mc Millan Co.,USA 1987.*
- Gioello, Debbie Ann., *Understanding fabrics from fibers to finished clothes, Fairchild Publication, New York 1982.*

**Course Title: Sewing Techniques & Equipment Lab**  
**Course Code: DFD205**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30**

## **Course Content**

**30 hours**

Basic Hand Stitches: Basting-even, uneven and diagonal, Tailor's tacks, Back stitch, Hemming- visible and invisible Application of Fasteners: Buttons and buttonholes, hooks and eyes, hammer ones. Sewing Technology: Exercise of machine's control on speed, paper exercises and fabric exercises. Different types of seams and seam finishes. Seams & Seam finishes – Plain, French, run and fell, run and hem, slot, lap, piped, counter seam, counter hem, fringe , overcast seam finish, double stitched finish, herringbone finished, edge stitched seam, bound seam finish, pinked seam. Application of shaping devices Tucks – Plain, cross, shell, released, group. Pleats - knife, box, inverted box, Gathers & Ruffles. Necklines-Round, square, V shape etc. Zips and Fasteners, Collars, sleeves Yokes Construction of a baby garments using any collar, sleeve, yoke, placket, pocket and fastener.-Slip, panty, romper, baby frock.

### **Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

### **Suggested Reading:**

- Wellesley-Smith, C. (2015). *Slow stitch: Mindful and contemplative textile art*. Batsford Books.
- Falana, M. Y. *Home Sewing For Family Survival and Economic Stability: Strategy for Improving Home Making in Ondo Town*.
- Nayak, R., & Padhye, R. (Eds.). (2015). *Garment manufacturing technology*. Elsevier.

**Course Title: Fashion Illustration- I Lab**  
**Course Code: DFD206**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30**

### **Course Content**

**30 hours**

Face analysis. Draw features of eyes, nose, ear, lips, face, hands, arms, feet, legs and hairstyles. Figure analysis. Fashion figure - 8½, 10 and 12 heads, front, back and ¾ profiles. Fleshing on block figures. Body line reading through different poses. Make stick figures in different poses. Make geometric figure. Illustrate a figure using texture in the garment. Stippling and Hatching. Detail in study of light and shade of different types of folds, gathers and shape of fabric in dresses.

### **Transaction mode**

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

### **Suggested Reading:**

- Watanabe, N. (2009). *Contemporary fashion illustration techniques* (p. 128). Rockport Publishers.
- Kiper, A. (2016). *Fashion illustration: Inspiration and technique*. David and Charles.
- Glenville, T. (2013). *New icons of fashion illustration*. Hachette UK.

**Course Title: Textile Studies – I Lab**

**Course Code: DFD207**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30**

**30 hours**

## Course Content

Fiber identification- Visual, burning, microscopic and solubility test – (cotton, wool, silk, nylon, rayon, polyester) Identification of blends  
 Identification of weaves. Identification of types of yarn. Fabric count  
 Evaluation of crimp and twist in yarn. Evaluation of color fastness to washing, ironing, crocking, perspiration and sunlight. Types of bleaches and its effect on fabric Visit to a Textile industry

**Note:** The students are required to prepare a file containing various suitable fabrics available in the market for kids wear, women wear, men wear and household items.

### Transaction mode

Quiz, Project Based Learning, Video Based Teaching, Question, Open Talk

### Suggested Reading:

- Clarke, S. (2011). *Textile design*. Laurence King.
- Scott, R. A. (Ed.). (2005). *Textiles for protection*. Elsevier.
- Houck, M. M. (Ed.). (2009). *Identification of textile fibers*.