<u>Raja Mansingh Tomar Music & Arts University, Gwalior, M.P.</u> <u>Bachelor of Design Fashion Design Syllabus (Four Years)</u>

Bachelor of Design Fashion Design

YEARLY EXAMINATION : Duration 4 Years

Syllabus 2024-25





Paper	Time	Size	Ext. Marks	C.C.E.	Total
Basics of Fashion	3Hrs.	-	70	30	100
History of Fashion - Ancient & Modern India	3 Hrs.	-	70	30	100
Introduction of Textiles	3 Hrs.	-	70	30	100
				Total	300
Practical			Ext. Marks	Internal Assignment	
Drawing & Composition	6 Hrs.	1⁄4	70	30	100
Introduction to Fashion Illustration	3 Hrs.	1/4	70	30	100
Pattern Making & Garment Construction!	6 Hrs.	A4	70	30	100
Sewing Techniques	6 Hrs.	4"X4"	70	30	100
		•		Total	400
			•	Grand Total	700

<u>B. DESIGN FASHION DESIGN YEAR I</u> <u>SCHEME OF EXAMINATION</u>





B. DESIGN FASHION DESIGN YEAR I

PAPER - 1 (THEORY) - BASICS OF FASHION

UNIT I — ELEMENTS OF DESIGN

- Line: Definition of Line, Lines and Visual Illusion, Line and Impression. Different 1am of firms and Drawings, Development and Possibilities of Line Drawings. Knowing the Tools and Materials, Drawing—its Evolution and Possibilities, Line -Visual Kinetics (Flow and Weight), Energy and Lines, Other Values of Line
- Form: Definition of form, Classification, Impression, Visual and Formal Weight and Colors. Forms and Proportion, Form and content, Form and Space
- What is Color? Physiology, I low light gives objects colors Factors in perception. Local, Optical and Arbitrary Colors, Color Systems and Color Wheels —The Pigment Wheel. The Process Wheel. The Munsell Wheel, The Light Wheel, The Visual Wheel. Coloring Agents --Additive Color Mixing Subtractive Color Mixing, Dimensions of Color Win_ Value, Intensity, Temperature, Color in Compositions Rhythm, Balance, Proportion, Scale, Emphasis, Harmony. Transparency. Volume Color, Film Color, Intensity and Space, Line, Texture, Light, Contrast. Shadows. The Influence of Color Color Symbolism, Ho Color Influences Life, Color Association in Language and Emotion, influences of the Dimensions of Color
- Tone: Definition, Classification, Impression, Tone-Its Importance and Application, Emotional Aspects of Tone, Relation of Tone with Space
- Texture: Meaning and Definition, Classification, Texture and Space. Texture and Principles of composition, Texture Creating. Tools and Ways of Creating Texture, Texture Exploration. Texture and Painting, Texture and Sculpture
- Space: Definition, Space Division, Theories/Principles Relating Space, Division, Role Of Space (Negative/Passive, Passive/Active, Neutral/Assisting and Their Importance), Organization Of Form and its Relation To Space
- What is composition (general meaning and definition)

UNIT 2 - PRICIPLES OF DESIGN

- Unity: Definition, object, unity and vision, unity and visitor, unity and relativity, unity creation in painting, unity and opposite (discord)
- Harmony: Definition, line-harmony, form-harmony, texture-harmony, conceptual harmony. color harmony, process of harmony creation
- Balance: definition, balance and visual weight (line, form, color and tone), principles of balances. etc.
- Dominance: Definition and object, fundamentals, dominance and background, ways to create dominance point of interest in a painting space.
- Rhythm: Definition, different types, ways of creating rhythm, feeling of rhythm.
- Proportion Definition, Proportion and space division, form and proportion, color and proportion, human forms and proportion
- Medium and methods All about painting medium and methods relating to creation
- Drawing and rendering Definition, problem relating two-dimensional drawing and rendering, and three dimensional effects, do's and don'ts in it.

UNIT 3

- The Language of Fashion –Fashion Today, Fashion and Traditional Costume, Prescribed Clothing and Modem, Democracy, Women- Fashion and Men's Fashion
- Fashion Between Art and Commerce, Fashion and Body fashion as a Paradigm in our cultureFashion
- Terminology Introduction, Style, Design, Taste, Classics, Fad, Fords, Fashion Look, Accessories, Fashion Trends, Fashion Season
- The Intangibles of Fashion Acceptance, Change, he Futility of forcing change, Meeting the demand for change, Components of fashion change, Why fashion change





UNIT 4

- Fashion Movement Principles OF Fashion
- Theories of Clothing Origin Protection theory, Modesty Theory, Self-Adornment Theory, Combined Need Theory
- Theories of Fashion Adoption Trickle-down Theory (Traditional Fashion Adoption), Trickle-across theory (Mass Dissemination), Trickle-up Theory or Bottom-up Theory (Reverse Adoption)

UNIT 5

- Fashion Cycles —
- 1. Stages of the fashion cycle- Introduction, Increase in popularity, Peak of popularity, Decline of popularity, and Rejection of popularity.
- 2. Length of fashion cycles Cycles for long-lived fashions, Cycles for short-lived fashions, Breaks in cycles, Cycles within cycles, Recurring cycles
- 3. Fashion leaders and followers Fashion leaders, Fashion motivations, Fashion innovators. Fashion victims, Fashion Followers

SUGGESTED READING

- 1. Fashion: From Concept to Consumer by Gini Stephens Frings
- 2. Fashion Design Course: Principles, Practice and Techniques: The Ultimate Guide for aspiring Fashion Designers by Steven Faerm
- 3. Color by Edith Anderson Feisner
- 4. Fashion Design by Felicity Everett
- 5. Art Fundamentals: Color, Light, Composition, Anatomy, Perspective, and Depth by 3DTotal Team (Author), Gilles Beloeil, Aandrei Riabovitchev & Roberto F. Castro

PAPER-2 THEORY -HISTORY OF FASHION ANCIENT & MODERN INDIA

UNIT 1

- Ancient India Civilizations Indus Valley Civilization (3000 1500 B.C,), Aryan Civilization, Vedic and Epic Periods (1500-500 B.C.) - Clothing, Entertainment, Food, Toys, Ornaments, Daily Lives
- Mauryan and Sunga Periods History and Social Life, Costume Men and Women, Headgear and Hairstyles, Jewelry, Military Costume, Religious Persons, Textiles and Dyes, Style. Illustration of Men and Women Costumes

UNIT 2

- Satavahana (andhra) Period (200 B.C.-A.D. 250) History and Social Life, The Royal Way of Life, Early Satvahana, Late Satavahana (100 B.0-A.D 250), Illustration of Men and Women Costumes.
- Kushan -Period -introduction of Kushan Empire, Costume: Men and Women, Headgear and Hairstyles: Men and Women, Jewellery, Military Costume, Religious Persons, Textiles and Dyes, Style, Illustration Of Men and Women Costumes

UNIT 3

- Gupta Period history and Social Life, Costumes: Men and Women, Headgear and Hairstyles, Jewelry, Military Costume, Religious Persons, Textiles and Dyes, Styles, Illustration of Men and Women, Costumes, Age of Empires Daily Life (500 B.0 647 A_D)
- Mughal Period Introduction, Hindu Court Clothing, Sultanate Clothing, Textile Trade

UNIT 4 - Traditional Fashion of States of India – Dresses, Headwear, Foot wear, Styles, weaves etc

- East Jammu & Kashmir: Punjab, Rajasthan, Gujarat, Maharashtra
- West Orissa, Bihar, Arunachal Pradesh





UNIT 5 - Traditional Fas hion of States of India – Dresses, Headwear, Foot wear, Styles, weaves etc

- Central Madhya Pradesh, Chhattisgarh
- North Himachal Pradesh, Assam, Manipur, Meghalaya, Sikkim, Nagaland
- South Tamil Nadu, Andhra Pradesh. Kerala

SUGGESTED READING

- 1. Traditional Indian Costumes and Textiles by Parul Bhatnagar
- 2. Indian Costumes 11- Patkas : A Costume Accessory In the Collection of the Calico Museum of Textiles by B.N. Goswamy
- 3. Ancient Indian Costume by Roshen Alkazi

PAPER – 3 (THEORY) - INTRODUCTION TO TEXTILES

UNIT I

- Flow chart from fiber to finished fabric. Fiber classification. Staple & Filament.
- Different methods of fiber identification- physical examination, burning test, chemical test.
- Characteristics & Properties & Process of Manufacturer of:
 - PLANT FIBERS Cotton, Linen, Jute, Hamp, Bamboo
 - ANIMAL FIBERS Silk, Wool, Mohair, Angora.
 - MAN MADE FIBERS Nylon, Spandex, Polyester, Acrylic, Polyolefin
 - MINERAL FIBERS Asbestos, Glasswool,
 - Regenerated Man Made Fibers Rayon, Viscose, Cuprammonium, Acetate, Tri Acetate Etc

UNIT 2

- Yarns: Introduction, Types Ply yarns, Novelty yarn, Textured yarn.
- Conversion of fiber to yarn- blending, opening, cleaning, carding, doubling, combing, drawing, roving, spinning, yarn twisting S and Z. Yarn spinning. Yarn numbering system
- Fiber quality requirements for different types of yarns and fabrics

UNIT 3

- Different Methods of Fabric Formation Weaving, knitting, non-woven & Netting.
- Comparative study of woven, knitted and non woven fabrics
- Properties and uses of different weaves.
- Different types of weaves Plain, Satin, Sateen, Twill, Jacquard, Basket, Ribbed, Crepe, Pile, Dobby, Triaxial, Lapped. Development of weaves from elementary weaves
- Common fabric names . Care Labeling . Common defects in weaving.

UNIT 4

- Different types of weaving machinery & Looms Basic Loom, Hand Loom, Power Loom, Dobby loom, Jacquard Loom.
- Overview of the Textile industry. Emerging Textile Technology. SWOT analysis of the Indian Textile industry.

UNIT 5

- Traditional Indian Textiles Sarees of India. Their yarn & weaving speciality in detail.
- Traditional Dyeing & Printing of India Methods of Tie & Dye. Yarn Dyed fabrics of India.

Suggested Reading

- 1. Understanding Textiles: United States Edition by Billie J. Collier and Martin Bide
- 2. Understanding Fabrics: From Fiber to Finished by Debbie Ann Gioello
- 3. Fabric for Fashion: The Complete Guide: Natural and Man-made Fibers by Clive Hallett
- 4. Fabric Reference Paperback by Mary Humphries
- 5. Textiles: Fiber to Fabric by Bernard P. Corbman

<u>Suggested Activities</u>: Field trip to a spinning and weaving unit can be made.





B. DESIGN FASHION DESIGN YEAR 1 - PRACTICAL

PRACTICAL 1 — DRAWING & COMPOSITION

DRAWING

- Still Life Study of various objects in pencil and color (cube, sphere, cone. etc.)
- Study of drapery, pots, jugs, glass, random objects.
- Study of various forms of nature leaves, flowers, plants, fruits, etc.
- Perspective (1 Point & 2 Point)
- Study of Figures Human figures , Animals, Birds
- Line –movement –conversion into strips n checks
- Shape –visualization of an image through line and plane using '-ve' '+ve' space

COMPOSITION & COLOR STUDIES

- Geometric Shape Compositions with lines & shading.
- Compositions of Organic shapes.
- Color Study Color Schemes Primary, Secondary, Analogous, Tints & Shades, Achromatic & Monochromatic, Di Chromatic Colors, Color Wheels.
- Color Harmonies Complementary, Split Complementary, Triad, Tetrad
- Textures –an introduction to the basic materials, creating textures using all, art media like pencils, crayons, pastels, paints etc

PRACTICAL SUBMISSION All to be done on A3 Size Sheets

- Still Life 10 Sheets (5 Pencil & 5 Color)
- Nature Study 10 Sheets (5 Pencil & 5 Color)
- Color Schemes 12 Sheets (1 sheet of each color scheme and color harmony)
- Interior Perspective 2 sheets 1 point & 2 sheets 2 Point
- 5 sheets of textile print designs in poster or pencil color rendering using Flowers & Leaves or other organic shapes as design reference.

Suggested Reading

- Light, Shade and Shadow (Dover Art Instruction) by E. L. Koller
- Now to Draw What You See (Practical Art Books) by Rudy De Reyna
- Bridgman's Complete Guide to Drawing from Life by George B Bridgima
- Color by Edith Anderson Feisner

PRACTICAL 2 - INTRODUCTION TO FASHION ILLUSTRATION

BASIC ILLUSTRATION

- Fashion Croquis mechanical & flash out Male & Female fashion figure 9 head
- Different views such as Front, Back, Side and 3/4th
- Drawing arms, legs, feet, palm, and different positions.
- Drawing different face positions such 3/4th, front, side.
- Facial details like eyes, nose hairstyle and lips.
- Drawing body details with different movements Multiple Poses

ILLUSTRATING GARMENT COMPONENTS

- Drawing different types of Necklines, Collars, Sleeves & Cuffs, Pockets, Yokes, Waist Bands, Bows and Ties, Tucks, Gathers, Frills and flounces, Folds & Pleats, Fabric Drapes etc.
- Design Idea Development to Draw Indian Garments Kurta and kurtis, Salwars, Lehngas & Saree on flashed out fashion figure in different poses.
- Texture Study Using poster colors, pencil colors, crayons, soft pastels etc.





• Rendering of Tie & Dye Fashion garments

DESIGN IDEA DEVELOPMENT

- Illustrating Traditional costumes of various states of India
- Illustrating head gear, jewellery & costumes of any 3 Eras of ancient India.

PRACTICAL SUBMISSION

- Croquis & Flashed out fashion figures with garment components (50 sheets)
- Features Arms, legs, feet, palm, and different positions. (5 Each)
- Facial details like eyes, nose, hairstyle and lips. (5 Each)
- Historic & Modern India costumes, jewelery & head gear (50 sheets)

Suggested Reading

- 1. I Technical Drawing for Fashion: A Complete Guide by Basin. Szkutnicka
- 2. Fashion Illustration Techniques: A Super Reference Rook for Beginners by Zeshu Takamura
- 3. Flats: Technical Drawing for Fashion (Portfolio Skills) by Basia Szkutnicka
- 4. Perspective Drawing Handbook (Dover Art. Instruction) by Joseph D Amelio
- 5. Perspective Drawing.: A Designer's Method by Robert Philip Gordon
- 6. Fashion Illustration: Inspiration and Technique by Anna Kiper
- 7. Fashion Illustration Art How to Draw Fun and Fabulous Figures, Trends and Styles by Jennifer Lilya
- 8. Figure Drawing for Fashion Design (Pepin Press Design Books) by Elisabetta Drudi and Tisiana Pael
- 9. 9 Heads: A Guide to Drawing Fashion by Nancy Riegelnian
- 10. Advanced Fashion Sketch Book by Bina Abling
- 11. Illustrating Fashion: Concept to Creation by Steven Stipelman

PRACTICAL 3 - 67PATTERN MAKING & GARMENT CONSTRUCTION I

- Introduction to pattern making Tools, Instruments, Terminology & Symbols
- Pattern Making Techniques Difference in Tailoring Techniques and Apparel Industry Techniques
- Body Measurements Taking Body Measurements of Indian Women's Garments
- Taking Body Measurements for Men's Traditional Indian Garments (Kurta & Paijama)
- Standard body measurement charts of men & women used by various manufacturers
- Understanding the use of Dummy.

DRAFTING, PATTERN MAKING AND TAILORING OF :

- Women's Basic Kurta, A-Line Kurta, Anarkali Kurta
- Women's Simple Salwar, Patiala Salwar, Churidar Salwar
- Traditional Indian Simple Blouse worn with saree
- Women's Traditional Lehnga & Choli
- Men's Basic Kurta & Men's Basic Paijama

TIE & DYE – learn basic types of ties, dyeing process and preparing fabric for Indian Traditional Garments.

PRACTICAL SUBMISSION

- 1. Women's Indian traditional wear (minimum 5 garments)
- 2. Men's Kurta
- 3. Tie & Dye (Minimum 10 samples of dyeing and al least 1 garment using tie & dye.)





- 1. Sculpture: Tools, Materials and Technique by Wilbert Verhelst
- 2. The Sewing Book (Dk) by Alison Smith
- 3. Complete Book of Sewing by Alison Smith

PRACTICAL 4 - SEWING TECHNIQUES

Understanding Sewing tools

- Familiarization & handling of tools. Safety Precautions while handling the tools. Usage and safety.
- Measuring Tools, Drafting Tools, Marking Tools, Cutting Tools, Sewing Tools, Finishing Tools.
- Fabric Grain Selvedge, Shrinkage, Straightening the fabric Grains.
- Measurements Units, Measuring Techniques
- Sewing Machines Identification, Classification Applications, Types, Uses, Categories. General Sewing machine, Over locking/over casting machine, Blind Stitching machine, Button hole machine, Button Sewing machine, Bar tacking machine etc.
- Needles Hand sewing Needles, Machine Sewing Needles.
- Threads Various types of Threads
- Sewing' Machines attachments and their applications. Edge Guides, Compensating loot / specialized presser foot, Stitching Jig etc.
- Care, Maintenance & Trouble Shooting of sewing machines.

Components of Sewing

- Stitches Hand stitches Hemming, Basting, Over casting, Blind stitch, Back stitch, button hole etc.
- Seams Seam Allowance, Machine seams and scam finishes on woven fabric Plain Seam, French Seam, Flat fell Seam, Press open, Felt / Edge stitch, Welt Seam, Double Top stitch, Tuck seam, Lapped, Bias Bound scam etc.
- Gathers, Piping, Cording, Fagotting, Smoking & Use of Elastic in various areas.
- Facings & Fusings Fused, Un Fused & Bias. Casing & Cording. Waistband, Neck Finishes, Cuff Finishes.
- Fasteners Zip Visible & Invisible, Buttons, Buttonholes, Hook & Eye, Snaps, Rivets, Eyelets, Velcro etc.
- Plackets & Slits for various garment openings. Open, Canceled & Fly Front.
- Pockets Patch, In seam, Flap & Box pockets.
- Pleats Accordion, Box & Simple Pleats.
- Darts Simple Dart, Fish Dart, Curved dart, Multiple Darts, Graduating Darts, Parallel Darts.
- Asymmetrical Darts & Converting Darts into Gathers, Pleats & other designs.
- Various types of Tucks

Industrial Sewing

- Quality Control in Sewing Basic Principles. Major & Minor Defects.
- Seam types Class 1, 2, 3, 4, 5, 6. Their basic diagrams and usages

PRACTICAL SUBMISSION

1. Prepare a reference file for the above mentioned techniques of Seams, Stitches, Trims & Notions, etc. on fabric samples. (Minimum 30 samples)

- 1. Claire B. Shaeffer Sewing for the Apparel Industry (2013, Pearson)
- 2. Complete Book of Sewing by Alison Smith
- 3. VOGUE'S book of sewing
- 4. Professional Sewing Techniques Julie Christine Cole, Sharon Czachor
- 5. Sewing Visually Debbie Colgrove
- 6. The Complete Guide to Sewing Nancy Langdon





B. DESIGN FASHION DESIGN YEAR II

SCHEME OF EXAMINATION

Paper	Time	Size	Ext.	C.C.E.	Total
_			Marks		
History of Fashion – Ancient &	3 Hrs.	-	70	30	100
Western					
Dying & Printing	3 Hrs.	-	70	30	100
Principles of Management	3 Hrs.	-	70	30	100
				Total	300
Practical					
Advance Fashion Illustration	3 Hrs.	A3	70	30	100
Pattern Making & Garment	5 Hrs.	A3	70	30	100
Construction II					
Surface Design	3 Hrs.	-	70	30	100
Computer Applications	3 Hrs.	A3	70	30	100
				Total	400
				Grand Total	700



B. DESIGN FASHION DESIGN YEAR II

PAPER – 1 (Theory) HISTORY OF FASHION-ANCIENT & WESTERN

UNIT I

- Ancient Egypt Costumes for Men and women, Beauty and Grooming, Headgear and Hairstyles, Jewelry for men and women, Military costumes, Religious Costumes, Costume for Musicians, Dancers And Acrobats
- Ancient Greek Textiles. Costume components for men and women, Beauty and grooming of Greek people, I tat and headdress of Greek, Jewelry, Foot wear, Military Costumes, Theatrical Costume
- Roman Period Textiles. Costumes for men and women, Beauty and grooming, Jewelry Foot wear, Military costumes. Other ceremonial costumes

UNIT 2

• Byzantine Period — Textiles, Costume component for men and women. Beauty and grooming. Jewelry, Footwear

UNIT 3

- The Renaissance Textiles, Costumes for men and women
- Victorian Era The great exhibition of Crystal palace, The Industrial Revolution, The early Victorian Era, The late Victorian Era

MODERN WORLD FASHION To understand the different types of costumes worn during 20th century with the help of illustrations –

UNIT 4

- The Twenties
- The Thirties
- The Forties
- The Fifties

UNIT 5

- The Sixties
- The Seventies
- The Eighties

- 1. Survey of Historic Costume: A History of Western Dress by Phyllis G. Tortora, Keith Eubank
- 2. A History of Costume in the West by Francois Boucher Racinet.
- 3. The Complete Costume I lists by Francoise Tetart-Vittu
- 4. The Chronicle of Western Costume: From the Ancient World to the Late Twentieth Century by John Peacock
- 5. Fashion: The Definitive History of Costume and Style by DK The History of Modern Fashion: From 1850 by Daniel James Cole, Nancy Delhi
- 6. Fashion. A History from the 18th to the 20th Century by Kyoto Costume Institute
- 7. 100 Years of Fashion by Cally Blackman



PAPER —2 (THEORY) — DYEING & PRINTING INDUSTRY

UNIT I

- Introduction and significance of dyes
- Classification of Dyes.
- Types, Process, Effect, Advantage, And Use of Different Preparatory Processes Done on Textiles For The Dyeing And Printing: Singeing, Desizing, And Boiling. Scouring. Souring, Bleaching and Mercerization

UNIT 2

- Selecting dyes according to the fiber content.
- Achieving different shade effects on fabrics through cross dyeing union dyeing.
- Methods of Dyeing and effects achieved on various textile material Fiber, yarn_ fabric and Garment.

UNIT 3

- Printing: Introduction, Equipment process Advantages, disadvantages and end uses.
- Methods of printing: Direct, resist. discharge
- Styles of Printing: Block, stencil, screen, roller, transfer, flock, warp, yarn, resist (tie and dye and batik), duplex printing and its application in fashion.

UNIT 4

- Finishes-introduction, classification and types of finishes
- Fabric Defects What is quality? Why quality is important? What is Inspection? What is textile testing?
- Care Labeling of apparel
- Standards-Introduction, Importance and benefits Preparatory processes of dyeing.

UNIT 5

- Dyeing of frequently used fabrics: Cotton dyeing with direct, reactive and vat dyes,
- Silk dyeing with acid dyes.
- TEXTILE PRINTING techniques Stencil, Screen, Rotary, Block
- **RESIST PRINTING BATIK & other methods**

- 1. Understanding Fabrics : From Fiber to Finished Cloth (Language of Fashion Series) Debbie Ann Gioello
- 2. Quality Assurance for Textiles and Apparel by Sara J. Kadolph
- 3. Understanding Fabrics- A Practical Approach by Akshay Tholia
- 4. Handbook of Synthetic Dyes and Pigments Vol I. 2, & 3 b K. NI. Shah
- 5. Textbook of Fabric Science: Fundamentals to Finishin!! by Sekhri Seema
- 6. Dyeing and Screen printing On Textiles by Joanna Kinnersly Tae lor
- 7. Quality Assurance for Textiles and Apparel by Sara J. Kadolph
- 8. Managing Quality in the Apparel Industry by Pradip V. Mehta



PAPER – 3 (THEORY) PRINCIPLES OF MANAGEMENT

UNIT 1

• Management - Concept of Management, Nature and Characteristics of Management, Principles of Management, Purpose and Social Responsibility or Management, Evolution of Management, Ethics and Social responsibilities in Management

UNIT 2

• Planning — Definitions, Nature or Characteristics of Planning, Six Pus of Planning, Needs for Planning, Principle of Planning. Characteristic of a Good Plan, Types of Planning, Advantages of Planning, Limitation of Planning, SWOT Analysis

UNIT 3

- Motivation Types of Motivation, Importance of Motivation. Techniques to Increase Motivation, Financial Motivators, Non-Financial Motivators
- Delegation of Authority Theories of Authority, Definition of Delegation, Characteristics of Delegation, Elements of Delegation, Types of Delegation, Difficulties involved in Delegation of Authority

UNIT 4

- Leadership Characteristics of Leadership, Leadership Functions, Importance of Leadership in Management. Techniques of Effective Leadership
- Departmentation Need and Significance of Departments, Advantages of Departmentation Limitations of Departmentation, Factors Influencing Assigning Of Activities

UNIT 5

- Communication Meaning and Definition, Characteristics: Nature of Communication, Elements of Communication, Need or purpose of Communication, Importance of Communication.
- Controlling Definition, Characteristics of Control, Requirements of a control system, Importance of Control, Limitation of Control
- Finance- Functions, goals, source, break- even analysis and profitability.

Suggested Reading

- 1. Essentials of Management: An International and Leadership Perspective by Harold Koontz and
- 2. Heinz Weihrich
- 3. Principles of Management by PC Tripathi and P N Reddy





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B. DESIGN FASHION DESIGN YEAR II PRACTICAL

PRACTICAL 1 - ADVANCE FASHION ILLUSTRATION

RENDERING FABRICS

- Rendering different mediums Poster, Water color, Pen & Ink, Sketch Pen
- Rendering Different Stripes, Checks, Dots, Plaids, Floral prints, Geometrical Prints.
- **Fabric Rendering** with fabric swatch- Silk, Georgette, Chiffon, Satin, Denim, Tweed, Lace, Net, Velvet, Leather, Knitted fabrics, Nylon, Wool, Fur, Corduroy.
- Creating Inspiration Board & Mood Boards with textile swatches

RENDERING ACCESSORIES

- Rendering Buttons, Zippers etc
- Rendering Fashion Bags & Purses
- Rendering Fashion Belts
- Rendering Eye Wear

RENDERING WESTERN WEAR GARMENT

- Illustrate and render different types of Women's Trousers & Skirts & Women's Shorts as formal wear, casual wear and sports wear
- Illustrate and render Women's Blouses, Shirts & T-Shirts as formal wear, casual wear & sports wear
- Illustrate and render Women's Western Dresses, Frocks, Evening Gowns etc
- Illustrate & render Men's Shirts, Trousers, T-shirts & Shorts as formal wear, casual wear & Sports wear
- Illustrate & render Men's Jackets & Coats

ILLUSTRATING WESTERN WEAR GARMENT COMPONENTS

- Illustrating Men's Shirts, Trousers, Jackets, Coats, Formal Collars, etc.
- Illustrating Boots, Shoes & footwear for Men & Women

PRACTICAL SUBMISSION

- 1. Rendered Design Development Sheet of Women's wear 15 sheets
- 2. Rendered Design Development Sheet of Men's wear 15 sheets
- 3. Foot Wear Illustration -5 Sheets
- 4. Accessory Rendering -5 Sheets
- 5. Mood Board & Inspiration boards 2 each



Suggested Reading

- 1. Fashion Drawing,: Illustration Techniques for Fashion Designers by Michele Wesen Bryant
- 2. Illustrating Fashion by Kathryn McKelvey and Janine Munslow
- 3. Illustrating Fashion: Concept to Creation by Steven Stipelman
- 4. Colors for Modern Fashion: Drawing Fashion with Colored Markers by Nancy Riegelman

PRACTICAL 2 - PATTERN MAKING & GARMENT CONSTRUCTION

UNDERSTANDING WESTERNWEAR

- **Pattern Making Terminology**, Drafting, Pattern Making, Grading, Laying Out, Cutting. Techniques, procedures, Precautions & Quality Control
- Basic Skirt Block
- Adaptation of Different Skirts from Basic Skirt Block Fitted, A- Line, Cirular etc.
- Basic Bodice Block
- Dart Manipulation techniques in Basic Bodice Block and various silhouettes Sheath, Shift, A-Line, Princes Line etc to create Dresses & Gowns for Women.
- Basic Sleeve Block
- Use of Basic Sleeve Block to create sleeves like Raglan, Kimono, Batwing, Cap, Petal, Leg-omutton, Puff & it's variation etc, by flat pattern making.
- Collars develop patterns for different collars suitable for Women's Western Dresses
- Cowls Front, Back, Armhole.
- Bias Cut Understanding and constructing Bias Cut Dresses & Skirts.
- Introduction to Draping- Terminology, Dummy Preparation and Techniques used to create garments.
- Women's Trousers Block

PRACTICAL SUBMISSION

- 1. Skirt, Western women's shirt or blouse, Frock & Women's Party Dress Minimum 3
- 2. Women's Gown based on Fashion History Minimum 1
- 3. Women's Trouser Minimum 2 variations
- 4. Women's Shirt / Blouse using Sleeve and Collar as design element Minimum 3
- 5. Bias Cut Garments minimum 3

- 1. Metric Pattern Cutting for Menswear by Winifred Aldrich
- 2. Metric Pattern Cuffing for Women's wear by Winifred Aldrich
- 3. Metric Pattern Cutting for Children's Wear and Babywear by Winifred Aldrich
- 4. Patternmaking for Fashion Design by Armstrong
- 5. The Art of Fashion Draping by Connie Crawford
- 6. Draping for Fashion Design by Hilde Jaffe and Nurie Ras



- 7. Integrating Draping, Drafting and Drawing by Bina Abling and Kathleen Maggio
- 8. Patternmaking for Fashion Design by Armstrong
- 9. Flat Pattern Design by Allyne Bane
- 10. Dress Pattern Designing: The Basic Principles of Cut and Fit by Natalie Bray

PRACTICAL 3 - SURFACE DESIGN

Understanding Surface Design

- Introduction to motif. Development of a motif from an inspiration-naturalized, stylized, geometrical, simplified and abstract form.
- Inspiration & Sources of Motif design. theme boards, motif development based on themes
- Developing & interpreting Motif design according to mode of application.
- Colors & Color separation of motif. Techniques of transferring final motif on to surface.
- Enlarging and reducing design

Understanding Embroidery Stitches

- Practicing Basic Embroidery Stitches to create motifs & borders Basting, Backstitch, Chain Stitch, Buttonhole, Lazy Daisy, Herring Bone, Satin Stitch, French knot, Shadow Stitch, Long & Short Stitch, Cross Stitch, Pekinese Stitch, Cast-on-Stitch, Rose Stitch, Eyelet Stitch, Blanket Stitch
- Other Techniques of Surface Design using stitches Mirror Work, Patchwork, Beads & stones etc.

Understanding Traditional Indian Embroideries

- Kashida Embroidery of Kashmir
- Kantha Embroidery of West Bengal
- Kasuti Embroidery of Karnataka
- Chamba Rumal of Himachal Pradesh
- Phulkari of Punjab.
- Chikankari Embroidery of Uttar Pradesh
- Kathiawar Embroidery of Gujarat.
- Manipuri Embroidery

Understanding Printing

• Batik Print, Block Print, Screen Print, Roller Print, Stencil Print, Flock Print

PRACTICAL SUBMISSION

- 1. Indian Embroidery on fabric as mentioned above 1 sample of each (8 fabric samples)
- 2. Indian Embroidery Stitches 1 sample of each on fabric
- 3. Block Printed Scarf / Dupatta / Saree any one article
- 4. Screen Printed T-shirt or any other garment.



Suggested Reading

- 1. Encyclopedia of Embroidery Stitches, Including Crewel by Marion Nichols
- 2. Embroidery Designs by Nirmala C Mistry
- 3. The Quitter's Bible: The indispensable Guide to Patchwork, Quilting and Applique by Linda Clements
- 4. Encyclopedia of Embroidery Stitches, Including Crewel by Marion Nichols
- 5. Embroidery- Designs by Nirmala C Mistry
- 6. The Quitter's Bible: The Indispensable Guide to Patchwork, Quilting and Applique by Linda Clements
- 7. Ethnic Embroidery of India by Usha Shrikant

PRACTICAL 4 – COMPUTER APPLICATIONS

Part 1 - VECTOR BASED SOFTWARES - COREL DRAW OR ILLUSTRATOR

- Understanding Basic Interface of the software
- Introduction to Graphics, Graphics Devices, Graphics Output Devices, Graphics Input Devices.
- Understanding Vector principles, file types, opening & saving files, importing & exporting files.
- Introduction Page Setup and Software Menus. Color Modes. Introduction to various tools of the software.
- Drawing Tools use of various tools to create croqui male, female & kids. Use of various tools to obtain different line effects. Working with Shapes, Lines, Texts & Objects.
- Creating rectangles, squares, Circles, Ellipses, Polygons, Stars and Spirals.
- Selecting Single and Multiple Objects, Duplicating Objects, Grouping Objects, Trimming Objects, Locking and Unlocking Objects, Aligning Objects. Placement, rotation, scaling & other transformations tools to create motifs.
- Placing, Moving & Rotating Shapes freely and to Fixed angles. Mirroring & Scaling.
- Defining outline width using Outline Flyout, Outline Pen Dialog Box, Setting the Line Cap Style, Changing the Outline Color Outline tools & use of various tools to create Outline effects
- Working with Curves. Introduction to Curves, Nodes and Segments, Drawing Freehand Tools, Drawing Closed Curves, Curved Objects, Selecting Node on a Curved Object, Adding, Removing and Joining Nodes. Drawing Curve and Straight Lines, Creating Simple and Artistic Texts.
- Fill tools Uniform Fill, Fountain Fill, Tow-Color Fountain Fill, Preset Fountain Fill, Pattern Fills, Two-Color, Full Color and Bitmap Pattern Fills, Texture Fills, PostScript texture Fills. Working with outlines and Fills. Selecting Fill and Outlines to any shape
- Text Tools and Text effects. Crating T-shit designs using Text tools & other tools. Formatting Texts by changing Font, Size and Shape of Text. Rotating texts, Assigning a Fill Color to text, Assigning outline color to text. Creating Paragraph Text, Aligning Texts, Adjusting Line & Letter Spacing in the paragraph text. finding and replacing texts, objects & colors.
- Drawing with Artistic Media Tools using Preset and Brush Mode. Calligraphic Mode, Pressure- Sensitive Mode, Object Sprayer.
- Special Effects Introduction to Special Effects, Blending Tool, Contouring Objects, Distorting Objects, Envelop Tool, Extruding of the object, Vector Extrusion. Drop Shadow, Creating Drop Shadow, Changing Color of Drop Shadows, Removing Drop Shadows. Applying Lenses, Applying Perspectives.
- Layouts (Development of different types of Boards)
- Drawing Basic Male, Female and Kids Figure in Corel Draw with Grids and Guidelines and Converting them into Objects.





- Drawing Dresses over basic figures and applying various prints, effects & textures.
- Saving and Exporting Images.

Part 2 – IMAGE EDITING SOFTWARE - PHOTOSHOP

- Introduction to Photoshop interface. Page setup. Image properties, Open, Close, Save, Import, Export File
- Understanding Toolbox Navigation tools, Selection tools, Drawing and painting tools
- Selection Tools, Elliptical Tool, Move Tool, Lasso Tool, Polygon Tool, Magnetic Lasso Tool, Magic Wand Tool, Crop Tool, Brush Tool, Clone Stamp, Eraser Tool, Gradient Tool, Zoom Tool, Pen Tool, Default Color, Swatches Tool, Path Selection, Text Tool, Text Properties.
- Select Menu All, Deselect, Reselect, Inverse, All Layer, Deselect Layer, Similar Layer, Feather, Modify, Transform Selection, Load Selection, Save Selection.
- Edit Menu Cut, Copy, Paste, Free Transform, Transform, Fill, Stroke
- Layer Palette Making Layer Active, Move the Layer, Load The Selection Of Layer, Making Layer Active, Move the Layer, Load The Selection Of Layer, Duplicate Layer, Delete Layer, Layer Properties, Layer Opacity. Layer blend modes, Adjustment layers, Layer masks, Clipping masks
- Content-Aware Fill
- Image Menu- Mode Adjustment, Level, Color Balance, Brightness/Contrast, Hue/Saturation, Desaturate.
- Working with Sketches rendering in Photoshop. Scanning your artwork . Auto-aligning oversized images. Cleaning and preparing your images for color. Adding color. Shading with Dodge and Burn. Color changes with Hue/Saturation. Creating merged copies for layouts
- Working with Scanned Color Illustrations Removing the background. Color adjustments. Change color
- Layouts Layout ideas for portfolio . Saving for print.
- Creating Mood Boards Resolution. Picking colors. Working with color libraries.

Exercises to practice above tools:

- Creating Fashion Layouts
- Color Corrections
- Apply Water color effects to a sketch
- Adding a Pattern on a Dress
- Adding Fabric texture on Model's dress
- Replacing Dress on Model
- Replace the Texture on Model
- Create a Patchwork fabric
- Create Fashion Logo / Fashion Poster
- Learn to edit a garment and map a texture on it
- Replace a fashion garment with a texture

PRACTICAL SUBMISSION

- 1. Digitally draw and use color / textures / effects Collars, Sleeves, Pockets, Skirts, Trousers, Kurtas, Shirts Kirtis Etc.
- 2. Digitally draw and use color / textures / effects to create Accessories Belts, Purses, Eye Wear, Footwear etc
- 3. Digital collection for Men's Wear, Women's Wear & Kids wear for :

1.Party Wear 2. Casual Wear 3. Sports Wear 4. Beach Wear 5 Your own theme - (10



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designs for each theme.)

- 1. Fashion Designer's Handbook for Adobe Illustrator by Marianne Center
- 2. Corel DRAW in Simple Steps by Kogent Learning Solutions Inc.
- 3. Corel Draw: Graphics Suite X4 by M.C. Sharma
- 4. Photoshop for Screen Printing by Joli Ballew
- 5. How to do everything in Photoshop by Chad Perkins
- 6. Essential Digital Fashion Illustration by Streeter L B





SCHEME OF EXAMINATION

B. DESIGN (FASHION DESIGN) YEAR III

Paper	Time	Size	Ext.	C.C.E.	Total
			Marks		
Fabric Studies (Knits)	3 Hrs.	-	70	30	100
Fashion Forecasting	3 Hrs.	-	70	30	100
Retail & Visual Merchandising	3 Hrs.	-	70	30	100
				Total	300
Practical			Ext.	Internal	
			Marks	Assignment	
Knit Wear Design –Sports wear, Lounge	3 Hrs.	-	70	30	100
wear & Uniform Design					
Pattern Making & Garment	3 Hrs.	-	70	30	100
Construction III					
Visual Merchandising	3 Hrs.	-	70	30	100
Accessory Design	3 Hrs.	-	70	30	100
				Total	400
				Grand Total	700





B. DESIGN FASHION DESIGN YEAR III

PAPER - 1 THEORY - KNITWEAR DESIGN TECHNOLOGY

UNIT 1

- Introduction to knitted fabrics. Indian knitting industry past, present and future.
- Difference between woven and knitted structures
- History of knitting, Hand knitting, terms used in knitting, weft knitting & warp knitting –introduction and comparison. Parts and functions of weft knitting and warp knitting
- Yarns used for knitting- cotton, wool, nylon, acrylic, high bulk acrylic, spandex, etc.
- Properties of knits for apparel production –stretch and shrinkage factors.

UNIT 2

- Wefts knit structures single jersey or plain rib purl interlock Knit float-tuck and stitch structures designing of weft structures.
- Warp Knit Fabrics warp knit structures underlap overlap closed lap and open lap stitches.
- Warp knitted fabrics- tricot, raschel, kitten raschel, crochet, Milanese knit, simplex
- Other knitted constructions- jacquard, pile, fleece, high pile, terry knit, velour knit

UNIT 3

- Latest Knitting machines, weft -knitting machines- warp knitting machines Circular knitting machine jacquard knitting machine circular pile knitting machine
- Knitted fabric defects.
- Knitwear production-Machineries: Flat bed, circular & stock knitting machines

UNIT 4

- Classification of knitted garments Fully cut knitted garments- Fully fashioned knitted garments Integral knitted garments Cut stitch shaped knitted garments
- Seam and stitches used in knitting
- Introduction to knitwear designing-Factors influencing knitwear designing, fashion as applied to knitwear
- Innovations in knitwear- Recent trends in knit wear-seamless garment construction,
- Surface embellishments on knitwear

UNIT 5

- Introduction to knitted apparels- apparel categories- men, women and children casual, formal/sportswear, sweaters and hosiery.
- Quality control of knitted garments-Fabric quality-weight per unit area, tightness factor, knitted faults, pilling.
- Garment quality-spreading, cutting, sewing and final inspection.
- NON-WOVENS Classification of non woven fabrics. Properties and end uses of non woven fabrics
- Different methods of production- Web formation, bonding, finishing

- 1. David Spencer, "Knitting Technology", Pergamon Press, Oxford, 2001.
- 2. George A Tay, "Fundamentals of weft knitted fabrics", National Knitwear and Sportswear Association, New York, USA, 1996.
- 3. Sandy Black, "Knitwear in Fashion", Thames and Hudson Publication, 2002.





5. Terrry Brackenbury, "Knitting Clothing Technology", Blackwell Publishing, 2005. 18 Textiles: Fiber to Fabric by Bernard P. Corbman

PAPER – II (THEORY) - FASHION FORECASTING

UNIT 1 - Fashion Forecasting Process

- Introduction to Fashion; Fashion Trends; Fashion Forecasting; Forecasting in Apparel Planning
- and Scheduling.
- Introduction to Innovation Characteristics of an Innovation; the Consumer Adoption Process; Fashions, Fads, and Classics; Consumer Segmentation
- **Direction Change in Fashion** Fashion Movement; Theories of Fashion Change; Directional Theories of Fashion: Change in Tandem, Model of Vertical Flow
- **Design and Style Directions** the Fashion Geography; Collections on the Runway; Different Designers with the Same Design Concept.

UNIT 2: Color Forecasting & Trend Forecasting

- Dimensions of the Color Story; Color in Marketing; Consumers and the Psychology of Color; the Language of Color; Color Names; Forecasting with Color Cycles; Color Research; Sources for Color Ideas and Palettes
- **Trend Forecasting** What, Why & How. Fashion Terms & the Importance of Decade study. Trend analysis of Indian and International Designers from 1950 to present in 5 year periods.
- Analysis of Ramp fashion, Street fashion in Fashion Capital across the world.

UNIT 3: Textile Development

- Fashion in Fiber and Fabric; Sources of Innovation in Textile Development; Fabric Fairs and
- Trade Shows; Fabric Libraries.
- Demographics and psychographics of customer profile. Interpretation of the forecast in terms of cut, style, color and fabric sourcing

UNIT 4: Consumer Research

- Fashion Brands; Retail Formats: Emergence of Catalogs, TV Shopping and Online Shopping;
- Relational Marketing; Demographics: Geodemographics, Demographics and Preferences;
- Preferences with Ethnicity, Gender and Income

UNIT 5: Sale Forecasting

- Real Time Marketing; Sales Forecasting Basics; Sales Forecasting Methods; Sales Forecasting in Context.
- **Presenting the Forecast** Presentation Design as a Creative Process; Transforming Data into Information and Knowledge; Trend Reporting; Trend Map; Presentation Techniques

- 1. Fashion buying, Helen Goworek, Wiley-Blackwell.
- 2. Fashion art for the Fashion Industry, Rita Gersten, Fairchild Books.
- 3. Fashion Forecasting: a Mystery or a Method? Rita Perna, Images Publishing Group.



- 4. The Fashion Design Manual, Pamela Stecker, Macmillan Education.
- 5. Fashion Forward: A Guide to Fashion Forecasting by Chelsea Rousso Strategic
- 6. Brand Management:Building Measuring&and Managing Brand Equity by Keller Designing Brand Identity: An Essential Guide for the Whole Branding Team by Alina Wheeler
- 7. Building Better Brands: A Comprehensive Guide to Brand Strategy and Identity Development by Scott. Lerman

PAPER III (THEORY) -RETAIL &VISUAL MERCHANDISING

UNIT I

- Definition of merchandising Qualities of a merchandisers Role of Merchandiser functions of merchandisers, problems and challenges face by merchandisers, responsibilities of merchandiser, Role of merchandisers in garment house buying house malls etc.
- Introduction to Visual Merchandising: The role of Visual Merchandising in a store, the growing significance of Visual Merchandising

UNIT 2

- Why Do We Display? The Exterior of the Store. Sip & signages, Marquees. Outdoor Display, Outdoor Lighting
 - Windows in Store-Front Design. Display Window Construction

• Store Interiors, Light and Lighting Attention-Getting Devices. Point-of-Purchase Display a Means of visual communication: Furniture's & Fixtures. Props, Graphics & Signage, Mannequins

- Presenting Merchandise on a Three-Dimensional Form
- Fixtures & Rack
- Store Planning and Display
- Floor Plans
 - Visual Merchandise Planning Scheduling the promotion
 - Exhibit and Trade Show Design Industrial Display

UNIT 3

- Introduction to retail: Introduction to the world of retailing: roles performed by a retailer
 Types of retailers: retail formats, Multi- channel retailing. Customer buying behavior
- Retail branding & customer relationship: The value delivery process: customer value, perceived value, customer expectations, customer satisfaction & delight, customer loyalty, customer lifetime value, Retail branding: brand equity, brand identity prism

UNIT 4

• Need and importance, purchasing cycles, Types of purchasing, methods of purchasing, purchasing procedure, purchase order, selection of supplier, purchase department, purchase budget, purchasing and other functions of manager

UNIT 5

• The Supply Chain Management Concept, Purchasing and Supply Management. Operations, Integrated Logistics Management, Quality Customer Service and Integrated Logistics, Service





Response Logistics

- 1. Retailing Management by Michael Levy. Barton Weitz, Ajay Pandit
- 2. Visual Merchandising and Display by Martin M. Pegler
- 3. Point of Purchase by Marta Serrats
- 4. The Aesthetics of Merchandise Presentation by Joseph Weishar





<u>B DESIGN FASHION DESIGN YEAR III</u> <u>PRACTICAL</u>

<u>PRACTICAL I — KNITWEAR DESIGN</u> - Sports Wear, Lounge Wear & Uniform Design

DESIGNING FOR T SHIRTS, SHORTS AND LOWERS (Knit Wear)

- Types of T-shirts. Types of Shorts. Types of Sports Lowers
- Designing of Track Suits, Yoga pants, Gym wear
- Designing of Beach Wear & Swim Wear
- Designing of Lounge wear
- Designing of School Uniforms
- Designing of Sport Team Uniforms
- Preparing Mood Boards, Fabric Boards & inspiration boards for above.
- Preparing Flats, Spec Sheets, Technical Drawings for above
- Presenting the collection to a prospective client..

PRACTICAL SUBMISSION

- 1. 20 designs of each garment using CAD or Fine illustration techniques
- 2. Mood Boards, Inspiration boards & Fabrics Boards for Uniforms
- 3. FINAL PRESENTATION OF ANY 3 CATEGORIES.

Suggested Reading

- Blazers, badges and boaters : a pictorial history of school uniform by Alexander Davidson
- Children's Fashions by Joanne Olian
- Classification of children's apparel by Sandra Bell
- Pattern making for Stretch Fabrics by Nareerut Jariyapunya

PRACTICAL II - PATTERN MAKING & GARMENT CONSTRUCTION III

ADVANCE GARMENT CONSTRUCTION

Men's Shirts – Formal Shirts, Casual Shirts, Uniform Shirts, Party Shirts Men's Trousers – Pleated Trousers, Flat Front Trousers, Men's Shorts, Men's Bermudas Women's Shorts, Capri, Culottes, Sarong, Yoga Pants etc. Women's Bikini, Corset and Strapless Foundation based garments.

PRACTICAL SUBMISSION

- 1. Men's Shit & Trousers minimum 3 garments
- 2. Beach wear for women Minimum 3 garments
- 3. Women's Shorts, Capri, culottes any 2
- 4. strapless gown or ballroom dress or cocktail dress minimum 2
- 5. Corset or corset top. Bikini top or Bikini top based garments minimum 2



Suggested Reading

- Metric Pattern Cutting for Menswear by Winifred Aldrich
- Metric Pattern Cutting for Women's wear by Winifred Aldrich
- Metric Pattern Cutting for Children's Wear and Babywear by Winifred Aldrich
- The Art of Fashion Draping by Connie Crawford
- Draping for Fashion Design by Hilde Jaffe and Nude Relis
- Integrating Draping, Drafting and Drawing by Bina Abling and Kathleen Maggio
- Dress Pattern Designing: The Basic Principles of Cut and Fit by Natalie Bray
- Draping: The Complete Course by Karolyn Kiisel

PRACTICAL III - VISUAL MERCHANDISING

- Developing floor plans for Garment shop or Garment Showroom Minimum size 30'x15'
- Prepare Marquee designs, Concept & theme descriptions.
- Develop Plans, Elevation & 3D View sketches in color pencil or water color
- Prepare minimum 4 different layouts for the same shop based on VM principles
- Prepare detailed plans for Display Window, Entrance, Racks, Hangers & other display styles
- Prepare lighting plans with pasted pictures of suggested lights you are using in your design.
- Prepare a display window dressing and styling mannequins and props and attach the photos with your portfolio sheets
- Submit Case studies of minimum 4 leading brand stores 2 Indian & 2 International brands describing their products, their various branding strategies and their store details with pictures.

PRACTICAL SUBMISSION

- 1. Submit Design Portfolio (Minimum sheet size is A3) for above course guidelines.
- 2. Prepare a scale model of any one of your Design project from above in Cardboard or Forex Sheet.

Suggested Reading

- 1. Retailing Management by Michael Levy, Barton Weitz, Ajay Pandit
- 2. Visual Merchandising and Display by Martin M. Pegler
- 3. 3, Point of Purchase by Marta Serrats
- 4. The Aesthetics of Merchandise Presentation by Joseph Weishar

PRACTICAL IV — ACCESSORY DESIGN

SKETCHING AND RENDERING FOR ACCESSORY DESIGN – Manual & Digital

- **BELTS** Types Of Belts For Women's Dresses, Types Of Belts For Women's Jeans, Types Of Belts For Women's Coats.
- Men's BELTS Casual Belt, Braided Belt, Leather Belt,Leather Braided Belt, D-Ring Belt, Suede Belt.
- HATS & CAPS Different Types of Hats & Caps for Men, Women & Kids.
- Turbons & other wraps for head wear
- HANDBAGS, PURSES & WALLETS Different types for Women and men
- Women's Shoes, Boots & other footwear
- Men's Shoes, Boots & other footear





- Women's Shawls, Scarves, Stoles & Other neckwear.
- Men's Ascots, Fullard, Cravats, Ties & other neckwear.
- **Fashion Jewellery** Cufflink, Tie Pin, Broche, Tiara, Nose Piece, Ear rings, Neck pieces, Bangles, Armlet, Anklet, Toe Ring, Rings and other body jewelry.
- Gloves Types of Gloves in different materials for men, Women & Kids.
- Sun Glasses & Fashion Eye wear

DESIGN RESEARCH & CASE STUDIES

• Prepare research project stating how leading International & National brands started their success journey on the following points:

When the company started. Who are the founders of the company. What are the products the company started with. What is their present product range, Who are the key designers associated with the company. Brand identity. Age Range and Gender. Functionality and lifestyle, Season, Price Range. Advertising Strategy & most iconic advertisings.

Prepare design research project presentation for 6 companies from the given list below & 2 of your own choice which is not in the list: - 1. Hermes 2. Louis Vuitton 3.Dior 4. Coach 5. Nike 6. Vivier 7.Prada 8. Jimmy Chop 9.YSL 10.Cartier 11. Pierre Cardin 12. Stella McCartney 13.Kate Spade 14.Gucci 15.Versace 16.Armani, 17. HiDesign 18. Burberry 19.Ralph Lauren 20.Tommy Hilfiger 21. Moncler 22. Bata.

PRACTICAL SUMBISSION

- Rendering Sheets Size A3 of each topic listed in Para 1.
- Design Research in A4 size in hard bind / Spiral Bind.
- ACCESSORY PORTFOLIO PRESENTATION. Your own Accessory Design collection concept sheet, Style pointers, Inspiration and interpretation of inspiration, Color Board, Mood Board & Design Idea Development sheets for Accessories. 1 set of Women's accessories on same theme Head wear, Foot Wear, Neck Wear 2 each and 2 jewelry either neck & ear or Hand & Feet or Finger & Nose etc. on the same theme .
- Prototype and Development of designs.

• FINAL PREPARED PRODUCTS -

Hat – Minimum 1 Pc. Scarf – Min. 1 Pc. Shawl – Min 1 Pc. Foot Wear – Min. 1 Pc. Bag or purse – Min. 1 Pc. Eashion Jewellry – Min 1 set. of 4

Fashion Jewellry – Min 1 set of 4 body pieces of your choice.

- 1. Accessory Design by Aneta Genova
- 2. Beyond Design: The Synergy of Apparel Product Development by. Myrna-B. Gamer, Sandra Keiser
- 3. Drawing Fashion Accessories by Steven Miller





<u>Raja Mansingh Tomar Music & Arts University, Gwalior, M.P.</u> <u>Bachelor of Design Fashion Design Syllabus (Four Years)</u>

Bachelor of Design Fashion Design

YEARLY EXAMINATION : Duration 4 Years

Syllabus 2024

This syllabus is applicable to the students taken admission from 2022 onwards





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SCHEME OF EXAMINATION

B. DESIGN (FASHION DESIGN) YEAR- 4

Paper	Time	Size	Ext. Marks	C.C.E.	Total
Fashion Communication & Brand Management	3 Hrs.	-	70	30	100
Apparel Production & Quality Control	3 Hrs.	-	70	30	100
Costing	3 Hrs.	-	70	30	100
				Total	300
Practical			Ext. Marks	Internal Assignment	
Pattern Making & Garment Construction - IV Kidswear & School uniform	9 Hrs/	-	70	30	100
Bridal Fashion Design – Virtual collection Design project with costing & detailed estimation	9 Hrs.	-	70	30	100
Industry Research & Internship		-	70	30	100
GRADUATING SHOW COLLECTION minimum 12 garments		-	70	30	100
				Total	400
				Grand Total	700





B. DESIGN FASHION DESIGN YEAR 4

PAPER - 1 THEORY – FASHION COMMUNICATION & BRAND MANAGEMENT

UNIT 1 - FASHION COMMUNICATION

- Definition, Process and types of Fashion Communication
- Types of Writing Narrative Writing, Descriptive Writing, Expository Writing, Persuasive Writing, Creative Writing, Objective Writing, Subjective Writing, Review Writing, Poetic Writing, and Technical Writing.
- Other Forms of Fashion Writing Scholarly Writing, Writing Books, Writing Academic Articles
- Writing Business Communications, Writing Employment Messages. Writing Stage Speech,

UNIT 2 - FASHION JOURNALISM

- Writing the story Incident story, Attribution, Time and Timelines, Stylebook, Lifestyle news, Event Coverage., picture stories and photo shoots
- Reporting Reporting for news papers, taking notes, finding, checking, verifying, analyzing and interpreting information, types of interviews, Interviewing techniques
- Reviews Product reviews, Style Reviews, Event Reviews, Fabric & Technical Reviews.
- Fashion Promotion Communication Writing for Advertising, Writing for Public Relations
- Writing Fashion Blog, & Social Media

UNIT 3-FASHION ADVERTISING

- Concepts of Advertising, Advertising and its types, Communication Models in Advertising.
- Setting & Determining Target Audience. Comparative Advertising, Understanding Segmentation, Positioning & Budget Decision. Analysis of Mission & Market Objective.
- Understanding Message Strategy. Message & Copy in Advertising, Headlines in Print & TV Advertising, Visualization & Layout, AD Appeals, Testimonials & Celebrity Endorsement
- Media Types of Media, Media Selection, Media Planning Media Decision
- Campaign Making- Three Phases of Campaign Creation, Steps of Effective Advertising, Understanding Campaigns.

UNIT 4-FUNDAMENTALS OF BRAND MANAGEMENT

- Basics of Brand Management. What is Branding? Definitions of Brands, Characteristics of Brands, Brands & Products.
- Understanding and defining Branding Key words Brand, Brand Architecture. Brand Community, Brand Equity. Brand Essence, Brand Extensions, Brand Genealogy, Brand Icon, Brand Identity, Brand Image.
- Brand Personality, Brand Portfolio, Brand Positioning, Brand Relation, Brand Revitalization, Brand Strategy, Brand Stretch, Co Branding, Product Brand, Services Brand, Viral Branding,
- Branding Philosophies 3 Models of Brand Planning Brand Positioning Model, Brand Resonance Model & Brand Value Chain Model.

UNIT 5-FASHION BRAND MANAGEMENT

- Fashion brand strategies Introduction, brand identity, brand positioning, and brand image.
- Fashion brand classification International designer/luxury brand, National designer / luxury brands, private label brands, department stores, private label brands, exclusive licensing brands, SPA retail brands, lifestyle brand.
- Fashion brand licensing Introduction, types of licensed names, images and design types like celebrity



name licensing, designer name licensing, exclusive licensing for retailers, character and entertainment licensing, corporate licensing, nostalgic licensing, sports and collegiate licensing, event and festival licensing, art licensing.

B. DESIGN FASHION DESIGN YEAR 4

PAPER - 2 THEORY – APPAREL PRODUCTION & QUALITY CONTROL

UNIT 1 - INTRODUCTION TO THE APPAREL INDUSTRY

- Classification & categories of apparel producers Different types of apparel & accessory producers.
- Product categories & Price zones Designer, Bridge, better,, moderate, budget or mass.
- Factors Influencing Apparel Business Change, Quality, Timing, Price.
- Organization & Structure of Apparel Industry
- Departments in Garment Manufacturing Unit
- Process Flow in Garment Manufacturing Unit

UNIT 2 - DESIGN PLANNING DEPARTMENTS

- **Design Department** Forecasting Fashion Trends & Designing, Collection Planning, Pattern Making The Block Pattern & The Garment Pattern, Technology, Production of Sample Garments, Pattern Grading
- Sampling Department Importance of sampling department, objectives, responsibilities. Types of samples design development, photo sample, fit sample, photo shoot sample, sales / marketing samples, size set samples, Garment Performance Test samples, Pre-production samples, Wash samples, Top of the production (TOP) samples, Shipment samples.
- Roles and functions of Fabric Store Department & Trims & Accessories Store Department
- Marketing Department Marketing, Merchandising & Sales
- **Finance Department** Management Information, Budgeting, Garment Costing (Bill of Materials), Administration
- **Purchase Department** Information, Suppliers, Prices, Progressing, Verification, Speculative Buying, Storekeeping, Stock Management, Purchase Order

UNIT 3 - PRE -PRODUCTION DEPARTMENTS

- **Operations Department** Company Calendar, The Seasons, The Time Axis, The Mills, The Clothing Manufacturer, The Timing of Activities, Pre-Production Planning and Control.
- Order Concentration, Production Block Planning, Raw Materials, Production Order, Marker and cut Planning, Marker Planning, Cutting room production planning, Production Plans
- **Spreading & Cutting Department** Flow process. planning, Marker Planning, marker making ,. Cut order planning,
- **Spreading** requirements for spreading, equipments used in spreading, different process of spreading. Modes of Spreading
- **Cutting techniques**: Cutting room controls: Lay lot planning: Bundle distributions: Modern methods in cut piece distribution and tracking different manufacturing systems;
- Mass customization and made to order manufacturing systems; Disadvantages and control measures





in sewing cutting, preparation for sewing

• Manufacturing Functions, Service Functions, Production Engineering, Personnel and Training, Machinery and Equipment Maintenance, General Maintenance, Technical Stores,

UNIT 4 - PRODUCTION PLANNING

- Types of Production: Batch System, Piece System, Synchro System, Unit-Synchro System
- Production planning: Time and action calendar: Steps between prototypes to approved Sample production; Sample product data management and understanding specification sheets.
- Capacity planning & line balancing Capacity calculation for cutting, sewing & finishing Machine requirements Line Balancing techniques.
- Work study method, motion & time study production planning & management systems.
- Operation break down and production sequence; Identification of bottle necks and critical area.
- Productivity : Work Study, Time Study, Work Analysis. Total Standard Process time. Process Chart. Bottle Neck Process Time. Standard Process Time. Pitch Time. WIP Work in Progress, W.I.P. in cutting and sewing Department. Push and Pull System
- Packing Ratio of packing: Solid packing; Short shipment: Excess shipment; Calculation of volumetric weight: Carton dimension.
- Care labeling of apparel and textiles

UNIT 5 - QUALITY CONTROL

- Introduction to Quality key aspects of quality system, objectives of quality system. Quality terminology CMT, Defect, Major Defect, Minor Defect, Critical Defect, AQL, DIA, GSM, Shrinkage, Breaking Strength, Color Bleeding, Puckering, Pilling, Pilling resistance, Grain seam, batching up, color smear, patches
- Total Quality Management.Principles of Quality Control, SQC (statistical quality control system).
- Quality audit, Quality monitor, Quality circles, Operational Quality Cintrol systems.
- **Quality Inspection** Functions of Quality Assurance department. Methods of checking. In process quality inspection, objectives & methods, advantages, inspection methodology, final inspection, random inspection, general inspection method for RTW & Designer garments.
- **Quality planning**: Quality procedures; Production meetings: Preproduction meetings; In line inspection: Final inspection: Rescreening conditions
- **Quality Parameters** Defects found in yarns, grey fabric, dyeing, printing, bleaching, shearing, mercerization.
- **Components of Quality parameters** Placket, Collar, Pocket, Vent, Label attachement, Quality control in product development, quality control in printing, embroidery, washing and other accessories. Quality control in sewing, Quality control in packaging & dispatch.

Reference Books

- 1. Managing quality in the apparel industry Pradip V Mehta, Satish K. Bharadwaj
- 2. Quality Assurance for textiles and apparel -Sara J.Kadolph
- 3. Apparel Manufacturing: Sewn Product Analysis by Ruth E. Glock, Grace I. Kunz
- 4. Garment Manufacturing: Processes, Practices and Technology by Prasanta Sarkar





B. DESIGN FASHION DESIGN YEAR 4

PAPER - 3 THEORY - COSTING

UNIT 1

- Introduction to Cost Accounting : Responsibility accounting, uses of cost accounting.
- The Elements or Cost : Introduction. Classification of Cost.
- Direct Costs Indirect Costs The Overhead. Summary of the Elements of Cost
- Costing Over Periods of Time Period cost Reports. Capital Equipment Costs.
- Depreciation: The Straight-Line Method. Stocks and Inventory. Value of the Work in Progress Period-End Adjustments
- Overheads in Standard Costing, Advantages and Disadvantages of Standard Costing
- Product Cost —What is Job costing. Treatment of the Direct Costs. Treatment of the Overheads. Absorption of Production Overheads.

UNIT 2

- Cost Centers. Absorption of Non-Production Overheads. Example of a Job Cost.
- Over- and Under absorption of Overheads Process Costing.
- Purchase Order. Lead Times. Critical Path. Product Cost When Sourcing.
- Range Planning . Factories . Shipping Incoterms.
- Break-Even Analysis Establishing the Break-Even Point. Break-Even Tabulation, Break-Even Chart
- Margin of Safety, Profit/Volume Chart, Break-Even Point by Calculation, Break-Even Illustration

UNIT 3

- Marginal Costing Fixed Costs, Variable Costs, Semi-Variable Costs.
- Treatment of the Semi-Variable Costs Standard Costing, Variance Analysis,
- Direct materials, Causes of Direct Materials Variances. Direct Labor, Causes of Direct Labor Variances
- The Changing Nature of Cost, From Traditional to Advanced Manufacturing Technology
- Just-in-Time Component Manufacture and Assembly, Summary of Changes in Costs with the Move into Advanced Technology
- Activity-Based Costing, Advantages and Disadvantages of ABC

UNIT 4

- Budgeting. The Cash Budget, Sales Lag, Flexible Budgets, Zero-Based Budgeting. Activity Based Budgeting
- Capital investment Decisions The Capital Cost, Accounting Rate or Return. Net Cash Inflows Payback. Periods, Discounted Cash Flow, Discounted Payback Period.
- Determining Pricing of apparel products Price elasticity of demand and supply, sample costing-marginal revenue and marginal cost.
- Cost plus pricing methods- Full cost pricing, conversion cost pricing differential, cost pricing ,variable cost pricing, direct cost pricing derivation of cost of apparel products.
- Marginal income. Sales mix by garment style, effect of volume change,

UNIT 5

- The Profit and Loss Statement Net Sales, Cost of Goods Sold, Gross Margin, Profit
- Pricing Strategies Retail Pricing, Wholesale and Private Label Pricing, Discounts and Allowances, Charge backs, Pricing Laws.
- Product Costing Basic product Costing Systems. Phases of Costing: Pre costing, Production Costing, Postproduction Costing. Product Development Costing Variables Material Costs: Fabric, Trims and Findings, Labor Costs, Tariff Costs, Logistics, Insurance Costs.





• Marketing cost accounting, marketing cost standards. Variance analysis for marketing cost

Suggested Reading

- 1. Beyond Design: The Synergy of Apparel Product Development by Myrna B. Garner, Sandra Keiser
- 2. Costing for the Fashion Industry by Michael Jeffrey, Nathalic Evans
- 3. Principles of cost Accounting : Managerial Applications Richord D.Irwin
- 2. Management Accounting Sultan Chand & sons

B. DESIGN FASHION DESIGN YEAR IV PRACTICAL

PRACTICAL 1 – PATTERN MAKING & GARMENT CONSTRUCTION- IV

DESINGING KIDS WEAR – prepare sketches, flats & renders

- Designing for Infant wear
- Designing for Children wear
- Designing for Teens wear
- Designing for School wear
- Designing for Kids active wear
- Designing for Kids party wear

PATTERN MAKING for KIDS WEAR

- Sizing & Ranges in Kids wear
- Classification & Terminology of kid swear

Drafting, Patternmaking & Sewing of

- Infant's Set
- 2 piece playsuits
- Blanket Sleeper
- Creeper
- Coverall
- Divided Dress
- Jomper & Jumper & Romper
- Jumpsuit
- Overall
- Pinafore
- Scooter Skirt
- Skeggings
- Skirts
- Frock
- Project Report on Kidswear Industry

PRACTICAL SUBMISSION

- 1. Kids wear Illustration as mentioned above
- 2. Complete Drafting & Patternmaking sheets
- 3. Industry report on Kidswear Industry with Case studies





4. Minimum 10 Stitched Garments

Suggested Reading

- 1. metric pattern cutting for children n baby wear wiley aldrich
- 2. ANDRA BELL classification of children's apparel kids wear

PRACTICAL 2 – BRIDAL FASHION

- Introduction to Wedding Dress Design for Men and Women.
- The Role of a Wedding Dress Designer
- History of the bridal dresses of various states and cultures / communities of India.
- Anatomy of a bridal dresses of Men and Women in India
- Understanding Different Wedding Dress Silhouettes, necklines, sleeves and trains
- Bridal dress design principles
- Tools, Equipments and Fabrics
- Pressing, eyelets/grommet equipments
- Hardware materials
- Fastenings materials
- Fabrics selection and texture
- Surface decoration options & Embellishments of wedding wear for men & women in India
- Accessories used in wedding wear for men & women In India
- Wedding wear Shopping destinations in India
- Case Studies Top 10 designers in India and their work
- Design Development Ideas Creating the entire look from hair and makeup to accessories and footwear.

PRACTICAL SUBMISSION

- 1. Case Studies on wedding wear designer of India
- 2. Craft Research report on Various states and their handicraft / Handloom / Fabrics used for wedding wear
- 3. Your design idea development sheets minimum 10 designs each for men and women, showing complete look from head to toe
- 4. Bridalwear Illustration for men and women with proper detailing. All are rendered and emballished if required . These are Presentation Drawings
- 5. Bridal Trousseau presentation in PPT / DOC / Video.

- Bridal Couture: Fine Sewing Techniques by Susan Khalje
- Sarees by chantal boulanger
- The Indian Sari by Kamla Dongre





- Hindu Wedding by Deepti Desai
- Indian costumes by A Biswas

PRACTICAL 3 – INDUSTRY RESEARCH & INTERNSHIP

INDUSTRY RESEARCH: Objective of the course : Students must be able to Define scope of the research.

STEPS :

- 1. Choose your area of interest from Men's Wear, Women's Wear, Kidswear, Footwear, Fabric Forming Industry, Printing Industry, Dyeing Industry, Garment Ancilry Industries, Handloom & Handicraft pertaining to Fashion. Accessory Industry.
- 2. Define scope of your research.
- 3. Prepare a detailed questionnaire to support the scope of your research.
- 4. Attach case studies and filled questionnaire by key persons from the industry.
- 5. Research to be submitted first in soft copy to the college.
- 6. Research to be prepared in PPT or Doc format. in case of PPT minimum 150 slides are must. in DOC format minimum 80 pages of A4 size is must.

7. Format of research presentation :

- 1. Cover Page : University Name & Logo, Research Title, Student Name with Enrollment No., Submitted to Name of HOD & College/dept. name.
- 2. Certificate Page : 3. Declaration page 4. Index Page 5. References & Bibliography & Industry visit certificates
- 8 Prepare a detailed Project report of the industry and how you will contribute in this industry.

INTERNSHIP -

Internship refers to a stage/phase during which an individual will get opportunity to experience her industry of interest before entering into it full time and opting for it as his/her future career. Internships exposes candidates to the way a particular industry functions and what it would be like to work in that scenario. The candidates gain valuable insights into their own personalities and skills. Such an experience puts them in a better situation to decide whether they are suited for a particular role

Minimum 3 months full time or 5 months part time

Internship to be done only at Readymade garment industry, Design Houses, Designer Label, Retail Brands.

Boutique or tailoring internship shall not be considered.

Prepare C.V.

Prepare Preference sheet stating why you would like to choose that industry and area (Preparation for location and type of industry)

College will issue letter to each student who are eligible for Internship

FINAL SUBMISSION :



- **1.** Letter of completion of internship issued by the industry.
- 2. Report of the responsibilities entrusted on the student.
- 3. Detailed report of the industry in which student worked. Brief history of the industry, details of the departments, working methods of the industry, product details and markets the industry is catering to etc.
- 4. A brief project report simulation if the student is opening the similar unit.

PRACTICAL 4 – GRADUATION FASHION SHOW COLLECTION

GENERAL GUIDE LINES

- This show creates an opportunity to passing out students to understand the process of fashion show.
- Students interact with various related professionals which exposes them to related areas of fashion business.
- Students apply their knowledge and skills acquired so far to show case their capabilities. Identifying areas of Interest supported with necessary surveys for the category.
- Minimum 10 garments are must in the collection..

STEPS TO PREPARE THE COLLECTION

- Decide your Area of collection from Men / Women / Kidswear
- Decide type of collection Formal, Casual, Party or Wedding
- Describe Range -
- Describe Fabric(s), & other design pointers
- Prepare Design Development sheets for internal jury minimum 50 to 80 sketches (5 to 8 concepts for each garment) to discus at least 3 themes for your collection
- Prepare Inspiration Board, Mood Board & Color Board, Fabric Board, Accessory Board and Story Board (Story includes Client's profile, Trends & intended market),
- Prepare Final Renders of your collection.
- Prepare Spec Sheet and Flats also.
- Prepare an estimation sheet for Collection.
- This work to be completed latest by 15 September.
- A Jury comprising of minimum 3 member HOD, Mentor & at least one industry expert will approve the students presentation of design development sheets.
- After necessary changes as suggested by the jury students shall First prepare toils of the collection.
- After approval of toil by mentor,

FINAL COLLECTION to Be completed before 25 December so students can go for internship.

FASHION SHOW:

Students will present their final collection through a fashion show no later than final practical



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examination dates.

Suggested Readings:

Guide to producing a fashion show by Swanson & Everett Organising a fashion show by Anna Patrick Exhibition design by Pam Loker Making your design collection by Asudari Developing a collection by Renfrew





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