

Raja Mansingh Tomar Music & Art University, Gwalior (M.P.)

**RAJA MANSINGH TOMAR MUSIC & ART
UNIVERSITY, GWALIOR (M.P.)**

2021

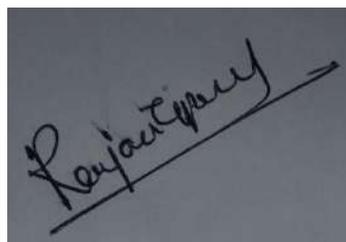
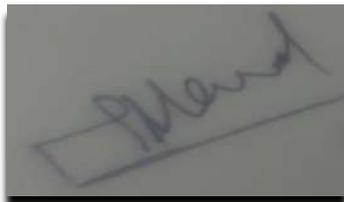
FASHION DESIGN

1 YEAR

DIPLOMA COURSE

FASHION DESIGN

PROGRAMME



Certificate Course-Fashion Design

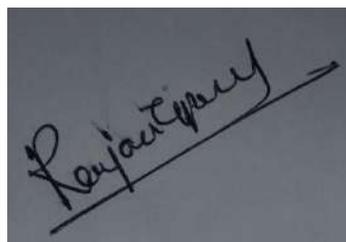
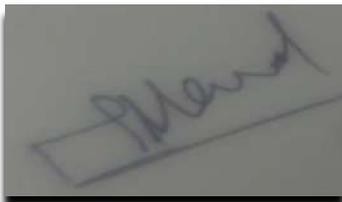
One Year Course

Scheme of Exam

Total Marks: 200

PAPER			SIZE	TIME	MARKS
1 Theory	I	Fundamentals of textile			50
	II	Design concept			50
2 Practical	I	Basic garment manufacturing	A3	3 Hrs.	50
	II	Techniques of surface ornamentation	A3	3 Hrs.	50
Grand Total					200

Program Objective: This program offers an in-depth approach to fashion design. You will develop specialist knowledge across the entire fashion design process, from design through to production and selling. It will lead you to develop your own creative skills in design application and concepts to fashion collections. You will also develop advanced skills in clothing and fashion accessories design, textile design, garment production, and marketing.



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**Diploma Course-Fashion Design
One Year Course**

PAPER I (THEORY): FUNDAMENTALS OF TEXTILES TOTAL MARKS: 50

Semester 1

Unit- I

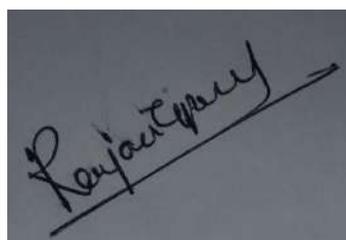
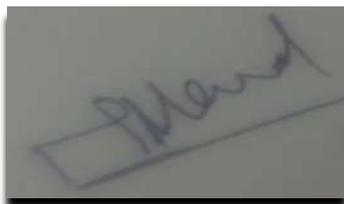
Introduction to textiles. Polymerisation –Types of polymers-requirements of fibre forming polymers Definition of textile fibre and filament. General considerations with regard to fibre properties. Classification of fibers. Brief study on Cotton, Silk, Wool & Bast fibers (flax & jute only). Introduction to Manmade fibers – Filament Spinning methods - Brief study on Semi Synthetic fibers: Viscose, HWM fibers (modal and tencel) & Acetate fibres with their properties – Brief study on Synthetic fibers (polyester, nylon, polyacrylic & spandex) and their properties.

Unit II

Introduction to Yarn Formation-Cotton Yarn Production sequence and Objectives– Comparison of Carded and Combed Yarn- Quality requirements for Hosiery Yarn. Study of Yarn numbering systems – Yarn and Package defects.

Unit III Classification of Fabric forming methods-Weaving operation – Process sequence- Comparison between Knitting and Weaving- Classification of Looms. Knitting Terms & Definitions - Comparison of Weft and Warp Knitting Classification of Warp and Weft Knitting Machines - Weft Knitting Machine Elements.

Unit IV Knitting Cycle of Single Jersey & Double Jersey - Basic Structures - Modern Knitting Concepts & Specialty Knitting - Simple Calculations Weft Knitting Stitches & Notations - Basic Weft Knit Structures - Properties - Derivatives of Single Jersey, Double Jersey Fabrics - Identification of Swatches.



Unit V

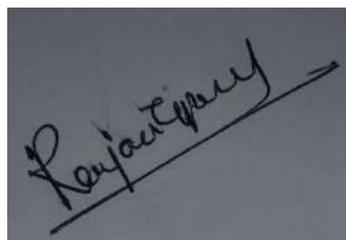
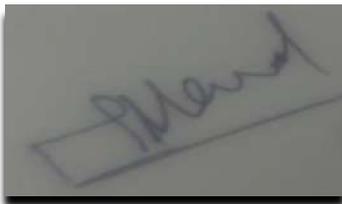
Introduction to Printing – Brief Study on Different Styles of Printing & Different Methods of Printing - Defects in Dyed and Printed Cloths: Causes and Remedies. Introduction to Finishing - Mechanical and Chemical Finishing.

ASSIGNMENT DETAILS

- i. Representation of the basic weaves on graph paper.
- ii. Collection of fabric for special use.
- iii. Collection famous textiles of India.

REFERENCE BOOKS:

- I. Textiles: Fiber to Fabric 6th Edition , Bernard P. Corbman,.International students" edition, McGRAW Hill International Edition book co Singapore (1985).
- II. Fabric science, 5th edition, joseph.j.p. Et.al. Fairchild publications, New York (1990).
- III. Textile chemistry, peters.r.h. Vol i, ii, textile institute Manchester 1970.
- IV. Technology of textile processing, shenai.v.a. Vol i, ii, v, vii, sevak publications, Bombay 1981.
- V. Textile Science 2nd Edition, E.P.G. Gohl & L.D.Vilensky, CBS Publishers and Distributors2006



PAPER II (THEORY): DESIGN CONCEPT TOTAL MARKS: 50

Unit – I

Introduction to Fashion – definition and origin - terms & definitions - reasons for change in fashion - - classification of fashion – Style, classic, FAD, Trend - fashion cycle. Fashion designing - designers’ role in styling and production of costumes.

Unit – II

Design – Definition, Types - Structural and decorative design. Elements of design – line, shape, form, colour & texture. Lines – varieties and their application in a design. Shapes - Types – Natural, stylized, geometrical, and abstract. Colour – Definition and origin – Characteristics (hue, value and intensity) - Prang colour chart - color harmony and colour schemes. Psychology of colour and its application in apparel market. Texture – types of texture and its application in clothing.

Unit – III

Principles of design - Balance, proportion, rhythm, harmony & emphasis. Balance - asymmetrical and symmetrical. Types – Formal, Informal and radial. Proportion or scale – planning the shapes and space. Rhythm – through repetition, alternation, progression and gradation. Emphasis using contrast colours and background. Harmony of lines, shapes, colour and textures.

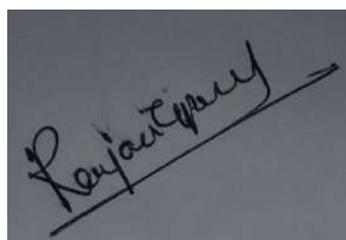
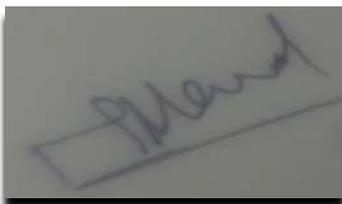
Unit IV

Introduction to neck lines, waistlines, hemlines, collars, sleeves, cuffs, plackets and pockets. Fullness applied in apparel –tucks, pleats, gathers, shirring, frills or ruffles, flounces.

Unit V

Silhouettes – Types and their application in everyday use. Skirts - Basic concepts in designing the variety of skirts. Trousers – Basic concepts in designing the variety of trousers. Wardrobe planning - design development for formal, casual, party and sports wears for men, women and kids based on their location.

Reference:



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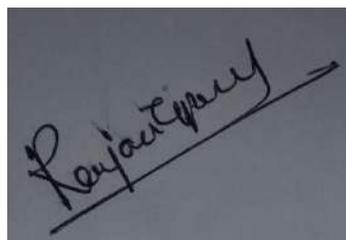
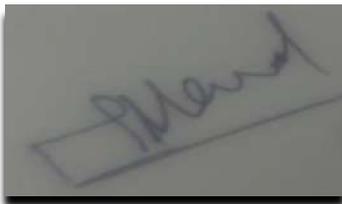
1. Sumathi, G.J. "Elements of Fashion and Apparel Design" New Age International Publishers, New Delhi.
2. Kathryn McKelvey "Fashion Source Book" Balckwell Publishing New Delhi.
3. Jane Mills and Janet K.Smith "Design Concepts" Fairchild Publications, New York.
4. Judith Rasband „Wardrobe strategies for women“, Delmar publishers, London.
5. Jeannette A.Jarnow, Mirianr Guerreiro & Beatrice Judelle, „Inside the fashion business“ 4th edition Mac Millan Publishing Company, NewYork.

SUBJECT: BASIC GARMENT MANUFACTURING

(PRACTICAL)

TOTAL MARKS: 50

- i. Submission of all measurement chart for men, women and children
- ii. Submission of breakdown of garment pars of men, women and children shirt and trouser.
- iii. Submission of Necklines and armhole facings
- iv. Submission of Waist bands Minimum 3 samples
- v. Submission of plackets
- vi. Submission of pockets
- vii. Submission of Collars and Cuffs
- viii. Making of any five garments



SUBJECT: TECHNIQUES OF SURFACE ORNAMENTATION

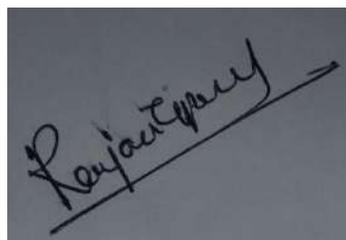
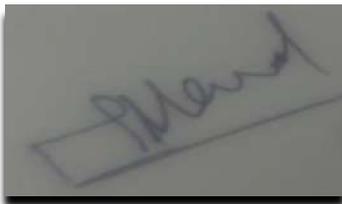
(PRACTICAL)

TOTAL MARKS: 50

- i. Submission of all General rules for Hand and Machine Embroidery.
- ii. Submission of sketches of all types of Tools and Equipment's– Needles – Threads.
- iii. Submission of sketches of Hand Embroidery stitches - Running Stitch – Laced Running Stitch - Back stitch – Stem Stitch – Satin stitch – French Knot - Bullion Knot – Cross Stitch - Blanket Stitch – Button Hole Stitch – Corel Stitch– Spider Web Stitch – Fly Stitch – Feather stitch - Chain Stitch – Lazy Daisy Stitch
- iv. Submission of Introduction to print designs – Repeat Patterns – Block, Drop, Brick Variations. Tie and dye techniques – Spotting, Marble effect, Chevron effect using stitches and different types of folding to create new designs.
- v. Techniques of Batik – Free hand drawing, Stitches over a design, Marble effect, splashing of wax on fabric before dyeing and other creative ideas. Fabric Painting – Outline drawing, Shading with dry and wet strokes. Stencil preparation and use of stencils to produce designs - tooth brush spraying and other creative techniques.

References:

1. Encyclopedia of Embroidery Stitches Including Crewel – Dover Publications – 1974
2. Computerized Encyclopedia of Needle Work – Therese De Dillmont – 3rd Edition.



3. Decorative Painting Techniques Book – Val Holmes – 2003.

