



Haryana Public Service Commission

Bays No. 1-10, Block-B, Sector-4, Panchkula

Announcement

It is hereby announced for the information of candidates who have applied for the post of Lecturer in Fashion Design in Technical Education Department Haryana in response to advertisement No. 11/2021 that the pattern of exam is as under:-

1. Subject Knowledge Test

- Time duration of exam: 03 hours
- Syllabus is enclosed.
- The medium of exam will be English.
- Total Marks: 150
- Paper will be subjective type.
- No candidate will be called for the interview /viva-voce unless she/he secures a minimum of 35% marks in the test.
- The number of the candidates called for interview will be two times, including bracketed candidates if any, of the number of advertised posts provided that they have secured the minimum cut-off marks of 35%.
- The weightage of the Subject Knowledge Test will be 87.5%.

2. Interview

- The weightage of the interview will be 12.5%.

- The final merit list will be prepared by adding the marks of the Subject Knowledge Test and interview.

NOTE: It is mandatory to participate in both the above stages of the recruitment process.

Syllabus for the post of Lecturer in Fashion Design in Technical Education Department Haryana:-

Section 1: History of Art & Design and Traditional Textiles

Indian Art: Indus Valley Art — Burial Art & other rituals, Iron Age & Vedic Art Forms — Various religious scriptures, Mauryan Art — Stupa, Chaitya & Vihara, Influence of Buddhism, Middle Kingdoms & Satavhana Art, Gupta Period — Golden Age of Indian Art, Mathura & Gandhara School of Art, Islamic Art — Sultanate & Mughal schools, Paintings — Pahari & Rajasthani schools, British Indian Art

Western Art: Pre- historic cave paintings, Mesopotamian Art, Persian Art, Egyptian Art, Classical Art, Greek, Roman, Medieval Art, Byzantine Art, Romanesque Art, Gothic Art, Renaissance: From Gothic to the Renaissance, Early Renaissance, High Renaissance, Northern Renaissance, Mannerism, Baroque and Rococo, Neoclassicism, Romanticism, Academism and Realism, Modern Art, Contemporary Art, Postmodern Art

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Indian Traditional Textiles

Embroided- kasida, chickenkari, Kantha & phulkari, Mashroo, Paithani, Himroo, Maharashtra Shalu, Brocades Of Banaras, Chanderi, Maheshwari Baluchari, Andra Cotton & Silk Sari, Bengal Cotton Sari, Ikkal, Kasavu, Kota, Tamil Nadu Cotton & Silk, Orissa Cotton & Silk Sari variety and availability, Indian traditional Woven textiles- (kota, baluchaar, brocade, kangiveram, chanderi, tangail) Colours and motifs used in these Indian traditional textiles, Embroidery — ChambaRumal, Phulkari & Bagh, Gota Patti, Zardozi, Chikankari, Kasuti, Kutch, Appliqué, Dyed and Printed Textiles- Bandhej & Leheria, Block Printing of Bagaru & Sangner, Dabu Printing, Kalamkari, Ajrakh, Ikat. Indian traditional Dyed textiles (Ikat, patola, tie and dye) Indian traditional Painted textiles- Kalamkari, Phad Painting, Pichhwai, Madhubani Painting, Mata Ni Pachedi, Warli. Colours, motifs, stitches used in these Indian textiles, Traditional embroideries of Chamba rumal, kathiawar, kutch, gujarati, Sindhi, gold and silver embroidery. Fabric, Colours, motifs, stitches used in Indian traditional embroidery. Gold and silver work- lurex, bead work, nakshi, dabka, mukaish, etc.

Western Textiles & Costumes: Chantilly lace, Damask, Persian Embroidery, Bobbin Lace, Spittal Field Silk, Paisley Prints, Palampore Textiles, Egyptian costumes, Costumes of Ancient Greece, Roman costumes, Byzantine clothing's, Contact hours Credit Units, costumes of 15th to 17th centuries, Edwardian Costume, Victorian Costume, French Costume, Bonnet, Corset, Farthingale, Ruff, Hoof, Hood, Mantle, Cloak, Coat, 18th and 19th century's Fashion and Designers

Section 2: Elements, Principles and Methods of Design

Introduction to art media and its applications, different art media-like pencils, color pencil, crayons, poster, erasers, acrylic, rendering and shading skills, Basic sketching techniques-drawing with different sketching techniques, free hand sketching of objects of day-to-day life. Types of Design- structural and decorative, Design elements-form, shape, space, line, colour and texture. Elements of art & design — point, line, form, shape, space, size texture and color, Functions of Lines, Silhouettes, Different types of lines & its characteristics, Use of line in clothing according to body shapes. Optical illusions created by various combinations of lines, Gestalt Principle, Color, dimension of color, hue, value, intensity, color schemes its importance & application, Colour theory- Prang colour system & Munsell. Colour wheel- primary, secondary and tertiary. Colour Dimensions-Hue, Value and Chroma, Tint, tone, shade, Colour harmony-Related & contrasting colour harmonies & its suo divisions, Study of texture: Types of textures, Categories of texture, Psychological & visual association, Aesthetic qualities of Design Elements, Formal qualities, Expressive qualities, Symbolic qualities, Study & Understanding of Principles of Design: Rhythm, Harmony, Emphasis, Balance, Repetition, Gradation, Radiation, Radiation, Contrast, Dominance, Proportion, Unity

Computer Aided Design (CAD)

Corel draw, Exploring the Corel Draw Screen, Inserting, Deleting Changing of Page, Customizing Options, Using Multiple Workspaces, Creation and manipulation, Drawing and Shaping Tools, Using the Free hand Tool, Drawing Lines & Polylines, Working With Special Effects And Texts, Drawing With the Artistic Media Tool, Shaping an Object with an Envelope, Extruding an Object, Blending Two Objects, Using the Lens Effect, Adding Perspectives, Using Power Clips Drawing & shaping objects, Organizing & Arranging objects,

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Changing the order, Grouping and ungrouping objects, Locking & Unlocking objects, Transforming, positioning & moving objects, Sizing, stretching & skewing objects, Welding, trimming & intersecting objects, Working with text, styles & templates, Undoing, redoing, finding & outlining objects, Splitting & erasing portions of objects, Positioning objects with precision, Scaling objects, Working with color & special effects, Blending Objects, Distorting objects, Working with envelopes, Extruding objects Working with envelopes, Working with transparencies, Contouring Objects, Using lenses, Adding perspective to objects, Working bitmaps, Printing, Previewing, sizing & positioning a print job, Commercial Printing, Creating color separations, Customizing Corel application Adobe Photoshop, Working with Images and Basic Selections, Multiple Images, Rulers, Guides & Grids, Adjusting Color with Adjustments, Getting Started With Layers And Painting Commands, Understanding the Background Layer, Creating, Selecting, Linking & Deleting Layers, Introduction to Blending Modes Photo Basics, Blending modes, Painting In Photoshop Using the Brush Tool, Working with Colors & Swatches, Creating & Using Gradients, Creating & Working with Brushes. Photo Retouching and Color Correction, The Red Eye Tool, The Clone Stamp Tool, The Patch Tool & the Healing Brush Tool, The Spot Healing Brush Tool, The Color Replacement Tool, Adjusting Levels, Adjust Curves, Non-Destructively, with Adjustment Layers Working with Colors, Color Settings, Color palette. Color Editing Foreground and Background, Creating Text Effects, Applying Gradients to Text using Channels and Masks, Using Layers, Saving and exporting Images, Printing in Photoshop

Section 3: Fibre, Yarn and Fabric Studies

Classification of textile fibres, Sources of natural, regenerated & synthetic fibres- Cotton, Jute, Flax, Wool, Silk, Viscose, Nylon, Polyester, Acrylic, Polypropylene etc., Physical and chemical properties of fibres and their uses, Different types of yarns and their characteristics, Basic concepts of looms, Types of Looms: handloom, power loom and shuttle less looms, Woven Fabric Defects, Ornamented Fabrics: Principle of ornamentation in dobby weaving, Production of narrow and tubular Fabrics, Principles of ornamentation in jacquard weaving.

Principles of knitting, warp and weft knitting

Non wovens- Definition, classification, types and applications

Woven design: Classification of woven structures, methods of weave representation, Basic elements of a woven design- Design, Drafting plan, Peg plan and Denting, Characteristics, properties & uses of basic woven fabric constructions- Plain, Twill, Sateen and Satin weaves; Derivatives/modifications of basic weaves; warp & weft ribs, ordinary, zig-zag, herringbone, curved, broken, transposed, elongated, combination twills, regular and irregular sateen, Design. draft and peg plan for all weaves, Crepe, Cork screw Diamond Honey Comb Huck a back weaves, Different types of pile fabric.

Knitwear Design: Classification of knitted garments, fully & stitch shape cut, whole garment knitting techniques, circular garment, seamless body wear, Intimate Apparels: Styles, fabric quality specifications. Special attachments for briefs, Y front briefs and trapeze front briefs, cross over front briefs, vests and lingerie.

Outer Wear: Cutting and production techniques, special attachment, quality specification for T-shirt, knit shirt, sportswear, skirts, ladies top and bifurcated garments, Circular

Sweater Types—stripe and check, cylinder and dial- rib, jersey, interlock, Fully Fashioned Sweaters- cardigans, 3D spacer fabrics, plaited fabrics, tri-layer fabrics, open

width fabrics, Cut and Sew Sweaters, pressing of sweaters- open buck, steam press, body form steam press.

Surface Ornamentation: Introduction to various components like materials, instruments, tracing tools etc required for hand embroidery, Introduction to Machine Embroidery & sewing machine attachments.

Back Stitch Variations Bullion Knot Button Hole and Blanket, Chain Stitch, Cable Chain Stitch, Daisy Chain Stitch, Open Chain Stitch, Russian Chain Stitch, Zigzag Cable Stitch, Chevron Stitch, Coral Stitch, Couching, Bokhara Couching, Rumanian couching, Cretan stitch, Cross Stitch, Faggoting Or Insertion Stitches, Feather Stitch, Chained Feather Stitch, Closed Feather Stitch, Fern Stitch-Fish Bone Stitch, Fly Stitch, Herring Bone Stitch, Satin Stitch, Spiders Web, Stem Stitch, Rumanian Stitch, Over casting, Straight Stitch.

Introduction to Printing, Difference between dyeing and printing, Properties and functions of printing paste constituents, Different styles and methods of printing, direct, discharge and resist on cotton, silk, wool, nylon, polyester and acrylic fabrics, Methods of Printing, Rotary and automatic flatbed screen, roller, transfer and inkjet printing, Special Styles of Printing - Pigment printing, flock printing, foam printing and tie and die technique, Digital printing.

Fabric Manipulation— Pleats, Smocking, Patch work, Appliqué & Cut work, Traditional Embroideries — Aan work (Zardozi), Chikankari (Shadow Embroidery & Drawn thread work), Phulkari & Kasuti (Counted Thread work), Kantha, Kautch, Block Printing, Batik & Tie & Dye.

Section 4: Pattern Making, Draping and Garment Construction

Pattern Making

Patternmaking: Terms, Tools, Types, Information & Techniques, Pattern grainline, Balance Line terms, Seam allowance, Measuring the body form, taking measurements, standard measurement chart, Why Darts, Draft the basic pattern, Front bodice, Back bodice, loose fitting bodice, fitting the bodice, fitting the neckline, fitting the armhole, Skirt draft: skirt front and back. Fitting the skirt, Preparing pattern for test, the basic sleeve terminology, sleeve draft, adjusting sleeve to armhole of bodice, different types of neck lines, different types of facings, plackets, facing in one, slit opening with placket, wing collar placket, stand collar placket, button placket. Patternmaking tools, Patternmaking terms, Information to be mentioned on patterns, Measurements from readymade garments, Size charts of different countries

Basic Blocks : Adult bodice block, Adult sleeve block, Basic skirt, Torso Sleeves : Basic sleeve types, set in sleeves, half, full sleeve Skirt block A-line, Flared, Gathered, Gored, Torso

Dart Manipulation : Single and two dart series by slash-spread and pivotal transfer technique, Princess line foundation, Designing with darts, Dart clusters and dart equivalent,

Graduated and radiating darts, Asymmetrical dart, Intersecting dart, Dart converted into style lines Adaptation of Adult Basic Blocks, Bodice block with yokes.

Shirt plackets, Fly attachment, pocket variation (Patch pocket, inseam pocket, Bound pocket, Welt pocket), attachment of shoulder pad in a garment

Basic women's shirt, shirt with yoke, variations of trousers, jeans, pants , Shorts, Variation of blouse, Culottes, Corset and women's jacket

Pattern making of Indian wear (blouse variation, Kurti variation, Sal war, chudidar)

Geometric pattern, Deconstruction of big shirt and big pant, kimono pattern, casual jacket pattern, structured garment pattern, layered pattern, Origami inspired pattern, moulage Pattern of bodice

Draping

Basic tools, terminology and principle, Preparation of fabrics, Preparation of dress form, Basic patterns: Basic two dart bodice front and back, one dart bodice, Basic sleeve, Basic skirt- front and back (single dart and double dart), Dart manipulation- conversion of darts into gathers, tucks and pleats Princess bodice and its variations, Bodice with yoke, Collars: Mandarin, Convertible — shirt collar, Peter pan, Shawl, Notched collar, Yoke: Shoulder, Midriff, Hip, Draping different type of skirts: A-line skirt, flared skirt, Circular skirt, Pleated skirt- knife and box pleats, Skirt with yoke, Basic bodice: Halter, Wrap front bodice, Waistline variations- lowered or raised, Cowls, Skirt: Dirndle skirt, Dome skirt, Gored skirt, peg skirt and sarong skirt, Skirt with built up waistline, Fitted midriff, Bodice yoke, ShiFP: Straight shiFP, Sheath, A-line shiFP, Blouse, Princess dress, Sleeve : Basic dolman sleeve, Raglan sleeve, Kimono sleeve, Basic straight trouser & Jeans, Draping of Fabric texture, Shaping techniques, smocking, rushing, Pleats, twist, cowl, and bias drape, Origami inspired garment, Zero waste draping, Corset draping, evening gowns, Shirt draping and Women's jacket.

Garment Construction

Darts and Tucks, Darts-single, double dart, Tucks- space, pin, shell & cross tucks etc., Stitches - Button Hole, and Overcasting, Gathers - gathers and shirring — with and without elastic, Plackets: T-shirt placket, Button placket, Continuous wrap and projection, Kurta placket Necklines - Shaped facing, Bias facing, Bias binding, Zipper- lapped, centered, concealed Skirts: Fitted, Flared, Circular, Gored, Pleated (with yoke) — knife, box, inverted, Tiered, Peplum, and Handkerchief Muslin fit: Skirt and top for check the fit.

- Collars :Variation of collars, Mandarin, Peter pan, Shirt, Shawl, Sailors, Notched collar
- Sleeves: Cowl, puff sleeve, flare sleeve, Bishop Sleeve , Leg-O-mutton ,petal sleeve Raglan, Kimono sleeve
- Variation of Maxi dresses, Empire waist dress, Sheath dress, Frock dress, princess linedress, gown etc.

Shirt plackets, Fly attachment, pocket variation (Patch pocket, inseam pocket, Bound pocket, Welt pocket)

Basic women's shirt, shirt with yoke, variations of trousers, jeans, pants, Variation of blouse,

Culottes, Corset and women's jacket

Section 5: Marketing, Merchandising, Fashion Forecasting and Styling

Marketing: Marketing concepts, management, organization, strategic process, and competitive marketing strategy, Segmentation: Market segmentation, segmentation variables, target marketing, Factors influencing buying behaviors, buying process, Marketing Mix: Product-hierarchy, line and branding decisions, Price — pricing decisions and procedures, Promotion advertising: media selection, measuring effectiveness, Sales Promotion and distribution marketing channel, functions, various marketing systems and public relations, Production

Life Cycle: Life cycle of product —marketing strategy for various stages of life cycle— process life cycle, Stages of new product development, New Product Research.

Merchandising: Terms, sourcing, and components of merchandising activities — functions of merchandiser. Primary, secondary, retailing and auxiliary services, career possibilities: desired characteristics, locales of employment, and potential growth components of each, Visual Merchandising: Importance of Visual Display, Fashion communication, Visual Merchandising advantages, 3D visual merchandising system, optimizing techniques in retail space. Meaning of Visual Merchandising, Scope, principle, impulse, objective, types, purpose, importance & art of VM, Visual Merchandising strategies, VM Success factors, Error to avoid VM, Good Store Design & Store Environments, Merchandise Presentation, Methods of display, Element of Merchandise, Promotional signs, Types of Entrance, Types of Window display, Store Interior Lighting & Colours, Types of Store Fixtures, Store layout Variations, Types of Space, Props & Mannequins. Alternative to Mannequins, Merchandise Displays types, Point of Purchases, Interior display Types, Drapers & Hangers, Type of Pinup Techniques, Visual Communication

Fashion Forecasting: Forecasting and its precision. Roll of a forecaster, selling strategy and fashion time table, Research Process in Forecasting, types of resources, primary, secondary and tertiary, Sales, sales competition, tracking, Demographics, Forecasting the fashion with reference to Color, style, season, different patterns, different fabric swatches, accessories on different themes, technology information, new uses of products, Value & life style, Fashion of involvement, forecasting services, Process of reporting: Observation, publication, reporting, Process of implementation, promotion, and making the prediction reality.

Styling: Introduction to basic make up techniques, wearing Foundation/ Compaq & highlighting the cheek bones / jaw, Eye shadow & detailing of eye makeup, Lip & wearing of lip makeup, Touching up the visible neck portions, Touching up the hand & feet as per the need, Hair styling & its significance with various looks for different garment styles like Formal, Casual, Ethnic/ Bridal, Sports etc. Styling elements: model, accessories, background theme, Styling of garments with makeup look, hair style, fashion accessories, background / foreground properties etc., Catalogue Design, Importance of lighting (Indoor and outdoor), use of various light sources inside a studio, Use of live properties like Flowers, Fruits, Leaves / branches, animals etc. Creation of artificial


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situations & indirect simulation like sunshine, rain, snowfall etc., Product photography and Fashion Photography, Posing & staging of models / characters & properties, Fashion Styling: Styling & the final Visual display for the final photo shoot, Styling for Magazine, Styling for Advertising (electronic advertising), Styling for Fashion Photography Final photo shoot & computer aided after effects / touch ups.

Dated: 13-09-2024


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