

SYLLABUS FOR FASHION DESIGN & TECHNOLOGY			
DURATION: ONE YEAR			
Duration	Reference Learning Outcome	Professional Skills (Trade Practical) With Indicative Hours	Professional Knowledge (Trade Theory)
Professional Skill 60Hrs; Professional Knowledge 12Hrs	Interpret and illustrate importance of Fashion designing following safety precautions.	<ol style="list-style-type: none"> 1. Identification of Tools & Equipments. (5 hrs.) 2. Familiarization to Industrial model Lock stitch sewing machine. (5 hrs.) 3. Basic parts, attachment and their Functions. (15 hrs.) 4. Defects and remedies. (10 hrs.) 5. Needles and threads. (10 hrs.) 6. Practice of sewing and practical exercises on sewing. (15 hrs.) 	<p>Introduction and familiarization with the institute.</p> <p>Importance of safety and general precaution.</p> <p>Safety precautions.</p> <p>Introduction to work ethics, Discipline.</p> <p>ERGONOMICS</p> <p>Tools & Equipments measuring tools and Techniques marking tools and Techniques cutting tools and Techniques pressing tools and Techniques</p> <p>Introduction to sewing machine & its components.</p> <p>Basic part and attachment and Their applications.</p> <p>Classification of sewing machine, cutting machines, and finishing equipments and their applications.</p> <p>Defects and remedies</p> <p>Needles.</p> <p>Safe broken Needle disposable Policy.</p> <p>Threads. (12 Hrs)</p>

Professional Skill 90 Hrs; Professional Knowledge 18 Hrs	Sketch fashion croquis of female and Design Garments with the help of elements using principles of design and colour scheme.	7. Free Hand Sketching of Different Types of Line. (10 hrs.) 8. Line sketches in pencil & ink. (10 hrs.) 9. Geometric construction of two dimensional geometric shapes and forms. (10 hrs.)	Brief idea about drawing tools and Techniques materials Elements of design.(06 Hrs)
		10. Prepare chart only (colour wheel, colour scheme, grey scale, Tints and shades, gradation) (15 hrs.) 11. Female croquis • Block figure • Stick figure(15 hrs.)	Introduction to elements and principles of design. Fundamentals and basics of colour. Colour&colour Theories and colour scheme. Understand concepts of design textures,shapes and forms.(06 Hrs)
		12. Creation Of Designs Using Elements and principles Of Design in terms of dress(through sketching) (15 hrs.) 13. Prepare sheets of optical illusions repeat pattern and composition. (15 hrs.)	Introduction to: Principles of Design.(06 Hrs)
Professional Skill 30Hrs; Professional Knowledge 06 Hrs	Drape, illustrate Fabric rendering and drawing texture.	14. Drawing Texture. (10 hrs.) 15. Fabric rendering • Plain cotton • Chiffon • Mesh/ net • Tissue • Brocade • Denim • Corduroy • Fabric rendering	Selection of Dresses according to (age, occasion, climate, personality, age &sex). Age group relation to design various categories of men's wear, women's wear, kids wear Ready Made Garments Industry Introduction.

		according to weight, fall and opacity. (20 hrs.)	Basis of selection of readymade garment Merits. Overview of garment mass Production Setup. Precaution to be taken while working with different kinds of fabric. Preparation of material before cutting, Draping of Garment.(06 Hrs)
Professional Skill 90Hrs; Professional Knowledge 18Hrs	Apply surface ornamentation with embroidery.	16. Developing Motifs for various Traditional Embroideries. (10 hrs.) 17. Contemporarisation of Various Traditional Motifs.(10 hrs.) 18. Introduction to Basic hand and Machine stitches (Sample Making).(15 hrs.) 19. Temporary stitches. (10 hrs.) 20. Permanent stitches. (15 hrs.) 21. Decorative stitches(in context to contemporary stitches) Flat Stitches Looped stitches Knotted stitches Crossed stitches Seams Seam finishes.(30 hrs.)	Motifs (enlargement and reduction). Sources of design inspiration& conceptualization optical illusion, silhouette. Introduction To Hand Stitching. Introduction to decorative stitches - Flat Stitches Looped stitches Knotted stitches Crossed stitches Introduction To Seams & Seam Finishes. (18Hrs)
Professional Skill 120 Hrs;	Perform basic Stitches, Seams and Edge finishes with operation of Sewing	22. Apply Fullness(Sample Making) Darts Pleats	Introducing Fullness- Darts Pleats Tucks

<p>Professional Knowledge 24Hrs</p>	<p>machine.</p>	<p>Tucks Gathers & Shirrs Frills Godets (25 hrs.) 23. Sample Making of : Plackets & Openings Pockets Facing Binding(25 hrs.) 24. Making draft and samples of Sleeves: Plain Raglan Magyar Puff Bell Leg o' mutton Bishop Petal Circular Batwing Kimono Collars: Peter pan Shirt Stand or Chinese Swinging Roll Shawl Sailor Tie stand (20 hrs.) 25. Sample Making of Fasteners: Buttonholes Buttons Frogs Snaps</p>	<p>Gathers & Shirrs Frills Godets Introduction to - Plackets & Openings Pockets Facing Binding. Introduction to measurement. ISI Standards of measurements Relationship of sizes & measurements methods of measuring body and dress form Measurement charts. Introduction to paper pattern Definition. Types- Flat Pattern and Draped pattern. Importance Consideration while making paper pattern. Introduction to Bodice Block. Introduction to sleeve block. Introduction to collar. Introduction to skirt block. Introduction To Draping method for apparel Design. Theoretical Introduction to : Fasteners Trimmings Hems Necklines Edge finishing</p>
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<p>Professional Skill 60Hrs; Professional Knowledge 12Hrs</p>	<p>Identify different Fibres and Fabrics along with Weaves and Knits.</p>	<p>27. Samples of Weaving Plain weave Twill weave Satan weave Basket weave Sateen weave Rib weave Honey comb knitting Samples Warp Knits and Weft Knits (30 hrs.)</p>	<p>Textile fabric, Meaning and definition of textile fibres. Classification of fibres- natural fibre, manmade fibres. Characteristics/ properties of above mentioned fibres. Identification of textile fibres yarn construction. Elementary processing of different types of fibre to yarn. Characteristic of yarn. twist Sizecount and count measuring system. Types of yarn- Simple Complex Fabric manufacturing Yarn preparation. Elementary weaving theory Fabric structure-Woven, Knitted and non-woven. Introduction to Dyeing & Printing. Introduction to knitting. Types of Knitted Fabric used</p>

			in garment industry. Finishes. Mechanical. Chemical.(06Hrs)
		28. Prepare sample file and a survey report on different type of :- cotton fabric Synthetic Woolen Worsted Sheer Silk Linen Pile fabrics Laces Buttons Braids Cords Fusings,etc. (30 hrs.)	Introduction and identification of Different type of: Cotton fabric Synthetic Woolen Sheer Silk Linen Pile fabrics Laces Buttons Braids Cords Fusings,etc. (06 Hrs)
Professional Skill 30Hrs; Professional Knowledge 06 Hrs	Create and Design Garments and Accessories in Corel Draw using tools and commands.	29. Introduction and designing through Corel Draw.(10 hrs.) 30. Practice on Tools.(10 hrs.) 31. Working with Shapes (10 hrs.)	Introduction and importance of designing through computers. Use of Corel Draw in Design creation. Tools. Working with Shapes.(06 Hrs)
Professional Skill 60Hrs; Professional Knowledge 12Hrs	Create Bodice Block Set & Patterns and construct samples of Design Details.	32. Working with special effects. (12 hrs.) 33. Creating Fabric Designs. (12 hrs.) 34. Creating Croquie.(12 hrs.) 35. Rendering & Draping. (12 hrs.) 36. Accessories Designing. (12 hrs.)	Working with special effects : Creating Fabric Designs Creating Croquie Rendering & Draping Accessories Designing. (12 Hrs)

Professional Skill 60Hrs; Professional Knowledge 12Hrs	Apply garment details in fashion illustration.	37. Sketching of a. Necklines b. Collars c. Sleeves d. Yokes e. Gathers f. pleats g. Bows and ties h. Caps and hats i. Pockets j. cascades k. Belts l. Style lines(60 hrs.)	Rendering of different type of fabric- Plain Checks Dotted Printed Stripped Textured(12 Hrs)
Professional Skill 240Hrs; Professional Knowledge 48 Hrs	Illustrate Male and Female wear on Croquie and develop designer Wears based on draping Technique/ sketches as per fashion & style.	38. Female Croquie (10.5-12.5), front , 3/4 half, back view Male Croquie •Casual wear •Formal wear(90 hrs.)	FASHION Drawings- Block Figure Stick Figure Fleshing out (18 Hrs)
		39. Draping on dress form: Ladies wear- Long Dresses Basic Bodice Basic Skirts,(30 hrs.)	Draping- Principles of draping Methods of Draping Draping Techniques Contour Draping(06 Hrs)
		40. Drape and draw sketches of indo-western ladies wear as per Fashion and style.(60 hrs.)	Drape and draw 5 sketches of indo-western ladies wear as per Fashion and style. Wardrobe planning. How to select and wear the dress? How to select colour and pattern? To develop good taste in clothes? Dressing according to personality? Fashion and style?(24Hrs)
		41. Drape and draw in different medium (10 Sketches From each no.) •sketches gents wear •casual wear •sports wear •office wear(30 hrs.)	

		42. Ready To Wear Collection Replication Variations Creation Construction(30 hrs.)	
Professional Skill 90Hrs; Professional Knowledge 18 Hrs	Analyse human anatomy with Eight Head theory and different types of body contour.	43. Cutting, stitching and finishing of frock. (15 hrs.) 44. Cutting stitching & finishing of night suit. (15 hrs.) 45. Practice of developing dress pattern from Draping Technique. (15 hrs.) 46. Basic Bodies (dart and princess line) (15 hrs.) 47. Basic Skirt (Straight and circular) (15 hrs.) 48. Drafting of ladies block pattern set (bodice sleeve, skirt and trouser) (15 hrs.)	Anatomy (in brief). Joints and muscles. Growth and development. Eight head theory. Types of human figure. Introduction To Kids Pattern,(Drafting, pattern making,estimation, and layout of the garments). Child Bodice block and sleeve block with size variation Skirt Block (Children) Drafting Frock, night suit. (18 Hrs)
Professional Skill 60Hrs; Professional Knowledge 12Hrs	Ensure the Quality of production.	49. Introduction to Quality assurance. (8 hrs.) 50. Quality Management. (8 hrs.) 51. Textile Testing and product. (8 hrs.) 52. Evaluation. (8 hrs.) 53. Quality Inspection. (8 hrs.) 54. Care Labelling of apparels. (10 hrs.) 55. Checking of garment with respect to measurement and	Care and storage wash care symbols. Introduction to Quality control and quality assurance. Stain removal. Immediate repairing. (12 Hrs)

		stitching. (10 hrs.)	
Professional Skill 150Hrs; Professional Knowledge 30Hrs	Analyse fashion merchandising, fashion scope and Career Prospect.	56. Preparation and designing of Tech pack Cost sheet. (60 hrs.)	Career in fashion. Fashion designer. Auxiliary Service in Fashion Design. Fashion Design Technician. Education. Industry. Meaning and scope of business Introduction to Fashion merchandising.(12 Hrs)
		57. Assignment Report based on: fashion trend trade fairs, fashion show, boutique, Garment production unit. Apparel Retail Channels.(90 hrs.)	Brief knowledge of fashion trend, trade fairs, fashion show, boutique, garment production unit Study of fashion Fraternity. Leading Fashion Designers. Textile Designers.(18 Hrs)
Professional Skill 60Hrs; Professional Knowledge 12Hrs	Create and Design Fashion accessories as per latest trend.	58. Design and creating of fashion accessories Head Gears Scarf Fashion Jewellery Tie and Bow Belts BowsBag and Purses Hand Gloves.(60 hrs.)	Introduction to trims and accessories for fashion industry. Fashion accessories– Head Gears Scarf Fashion Jewellery Tie and Bow Belts BowsBag and Purses Hand Gloves.(12 Hrs)
Project work: As per latest trend based on Indo western Design - Development client, material, latest trend research and exploration with one theme.			