

APPGCET -2021: SYLLABUS
TEST NAME: 314: M.Voc (FTAD)
M.Voc Fashion Technology and Apparel Designing

Introduction to textile fibres: classification of fibers based on sources and origin, basic textile terminology. Primary and secondary properties of various fibres.

Design: Elements of Design; Line, line types, line direction, application of line in garments, types of illustration created by line in dress, Principles of design-Balance, Rhythm, Proportion, Emphasis, Harmony.

Fabric construction methods: weaving loom and loom, parts of loom, methods of weaving weave types, knitting – types of knits, non woven fabrics – lace making, Nets, Felts. Textile finishes – classification, mechanical and chemical finishes.

Dyeing: Introduction, classification and selection of dyes – types of dyes; direct, acid, reactive, basic, vat, azoic, sulphur, disperse and mordant dyes.

Manufacturing and Properties of different natural and man-made fibres: Introduction, Cotton, Wool, Silk, Rayon, Acetate and Triacetate, Polyamide (Nylon-6, Nylon-6.6) Acrylics, Modacrylic, Elastomeric fibre.

Classification of Sewing machines and their applications: Machine Exercise, Control and Safety parameters Paper Exercise Introduction to seams and seam allowance (woven and Knit fabrics) – Plain, Press Open, Felt / edge stitch, welt seam (Feed of Arm) Double top arm) double top stitch, tuck seam, slot, French, lapped, piped, cord, Fagotted.

Draping: definition, terminology principles of draping, preparation and uses, measurement and tools used in draping. Basic Draping techniques: - front and back bodice, front & back skirt. Dart location and manipulation.

Basic embroidery stitches: Flat, loop, crossed, knotted Drawn and Pulled thread work (Assist work, Cut work, Swiss work, Shadow work), Running stitch, Satin stitch Cording and Back stitch, Zigzag line & Braiding.

Design research and process: selection of mood board, story board, fabric development, design development & range development; making the final product and its presentation (display or show).

Colour and Colour Theory: Properties of colour / colour dimensions, colour wheels, colour scheme / harmonies, use of colour in designing, viral effects of colour in dress.
