

**SYLLABUS FOR THE POST OF SEWING TEACHERS**

**1. Tools & Equipment**

Measuring Tools - Marking Tools - Cutting Tools - General Tools

**2. Sewing Machine & Maintenance**

Parts of sewing - care and maintenance of sewing machine - minor defects and their rectification.

**3. Different types of Hand Stitches**

Temporary Stitches - Permanent Stitches

**4. Sewing Technique for Garment Construction**

Seams - Seam Finishes - Plackets - Collars - Sleeves - Fasteners - Trimmings and Decoration

**5. Taking body measurements**

**6. Pattern making**

Making Pattern for measurements - Preparation of paper Pattern

**7. Layout- Principles of Layout**

Types of lay outs - Estimation of material requirements.

**8. Garment Construction**

The method of cutting - stitching and finishing the following garments - Zabra - Chemise - Circular frock - panel petticoat - Ladies kurtha - Survar - School Uniform - Pyjama - Kalidhar kurtha - Bermudas.

**EMBROIDERY**

**1. Tools and Equipments used for Embroidery**

Embroidery frame - Crewel needle - bent scissors- stilletos - Thread holder - Carbonpaper- ruler - Tracing paper - measuring tape - thimble - Selection of material and thread.

**2. Design**

Elements of design - principles of design - Transferring designs - different methods - Enlarging and reducing of design.

**3. Embroidery Stitches**

Outline stitches - Running stitch- stemstitch - Chain stitch and back stitch - Border Stitches - Blanket stitch - wheatear stitch - Button hole stitch - Filling Stitch - Satin stitch- Herringbone Stitch - seed stitch- Fancy Stitch - cross stitch-wheel stitch - Lazy daisy stitch - Knot stitch - French knot- Bullion knot- Double knot - Coral knot

#### **4. Types of Embroidery**

Tambour- Eyelet hole- shadow work- monograms - Aari work and Zardhoshi work - Applique - Hem applique- motif applique

#### **5. Care of embroidery articles.**

### **HAND LOOM WEAVING**

#### **1. Calculation**

Numbering of cotton yarn - Method of testing count - strength - twist and elasticity of yarn. Ends and picks suitable for a well-balanced cloths - identification of cotton - silk- artificial silks and woollen yarns.

#### **2. Fabric structure**

Use of point paper -construction of standard weaves like plain weave and its derivatives- Twill weave and its derivatives- Honey comb weave and huck-a-back. Extra warp and extra weft ornamentation.

#### **3. Pile Fabrics**

Warp pile and weft pile.

#### **4. Handloom weaving**

Mechanism of plain weave - dobbies and jacquard loom.

#### **5. Dyeing and printing**

Preparation of fabric before dyeing - Desizing - Scouring and bleaching - Method of doing - Different types of dyes - Direct dye - Reactive dye and vat dye - Method of doing different types of printing - Block print - Stencil print and screen print.

#### **6. Finishing of fabrics**

Method of doing Mercerization & calendering.

#### **7. Psychology**

Principles and elements of design - Psychology of colour and dress.