

# GUJARAT TECHNOLOGICAL UNIVERSITY

## Diploma in Textile Processing Technology

### Semester: 3

**Subject Code** 332805

**Subject Name** Practices in Dyeing – I

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#### **List of Experiments :**

1. Preparation of cotton yarn/fabric for dyeing
2. Application of Direct dyes on cotton yarn/fabric
3. After treatments of Direct dyed material
4. Application of different class of Reactive dyes on cotton fabric by exhaust method.
5. Application of Reactive dyes on cotton by Cold-pad-batch, Pad-dry-cure, Pad-dry-steam method.
6. Application of Solubilised vat dyes on cotton fabrics
7. Application of Vat dyes on cotton fabric by  $I_N$ ,  $I_W$ ,  $I_K$  methods & by Pigmentation method
8. Application of Azoic colour on cotton fabric
9. Application of Basic colour on cotton fabric
10. Application of Sulphur dyes on cotton fabric
11. Application of Pigment colour on cotton fabric
12. Preparation and dyeing of Wool with Acid, Metal Complex and Basic dyes
13. Preparation and dyeing of Silk with Acid, Metal Complex, Reactive and Basic dyes.
14. Application of Direct, Reactive, Solubilised vat, Vat, Azoic and Sulphur dyes on Viscose fabric.
15. Match the given dyed sample with Direct, Vat and Reactive dyes.