

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**DIPLOMA IN TEXTILE PROCESSING TECHNOLOGY**  
**SEMESTER: 4**

**Subject Name PRACTICES IN DYEING-II**

| <b>Sr.No</b> | <b>Course content (LIST OF EXPERIMENTS)</b>  |
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| 1.           | Dyeing of nylon fabric with acid dye.  |
| 2            | Dyeing of nylon fabric with disperse dye.  |
| 3            | Dyeing of nylon fabric with metal complex dye.   |
| 4            | Dyeing of nylon fabric with reactive dye.  |
| 5            | Dyeing of polyester fabric with disperse dyes by (exhaust method like) carrier dyeing method.                |
| 6            | Dyeing of polyester fabric with disperse dyes by HTHP method.  |
| 7            | Dyeing of polyester fabric with disperse dyes by Thermosol method.   |
| 8            | Dyeing of Acrylic fibre/fabric with Cationic dyes.   |
| 9            | Dyeing of Acrylic fibre/fabric with Disperse dyes.   |
| 10           | Dyeing of Cationic Dyeable Polyester (CDPET) with modified basic (cationic) dyes.                            |
| 11           | Dyeing of Cationic Dyeable Polyester (CDPET) with disperse dyes.   |
| 12           | Dyeing of acetate rayon fibre/fabric with disperse dyes.   |
| 13           | Dyeing of polyester/cotton and polyester/viscose blended fabrics with disperse/reactive dye system           |
| 14           | Dyeing of polyester/cotton and polyester/viscose blended fabrics with disperse/vat dye system.               |
| 15           | Visual Matching of shades on synthetic and natural fibres/fabrics using self shades.                         |
| 16           | Visual Matching of shades on synthetic and natural fibres/fabrics using compound shades.                     |
| 17           | Observe and match the dyed sample with standard under different light sources using colour matching cabinet. |