

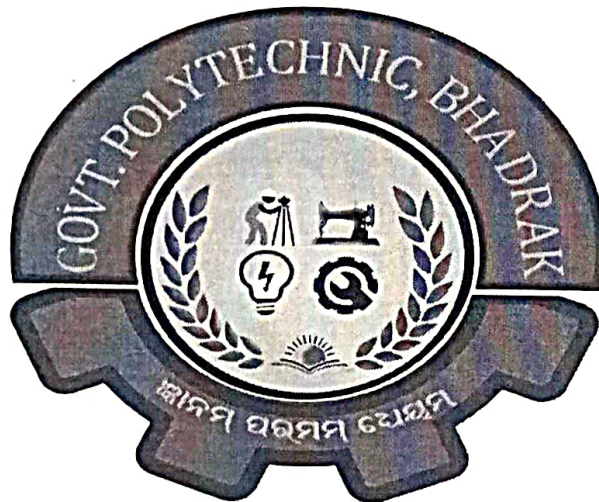
# LESSON PLAN

SUB: Textile Chemical Processing-II (Lab)

BRANCH:-TEXTILE ENGG.

SEMESTER:4<sup>th</sup>

NAME OF FACULTY: Birendra Meher (Lect.Textile Tech.)



**GOVERNMENT POLYTECHNIC,  
BHADRAK**

HOD (I/C) Textile Engg.

Academic Co-ordinator


Principal  
Govt. Polytechnic, Bhadrak

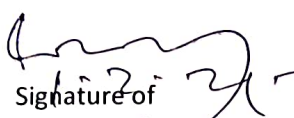
**LESSON PLAN****DEPARTMENT OF TEXTILE ENGG, GOVT. POLYTECHNIC, BHADRAK****SUBJECT: TEXTILE CHEMICAL PROCESSING-II LAB Periods: 6 per week SEMESTER: 4th****NAME OF FACULTY: BIRENDRA MEHER ACADEMIC YEAR: 2024-2025****Semester From date: 04.02.2025 To Date: 17.05.2025 No. of weeks: 15**

| Week | Class Day | Theory / Practical Topics                           |
|------|-----------|---|
| 1st  | 1st       | Dyeing of nylon with acid dyes                      |
|      | 2nd       | Dyeing of nylon with acid dyes                      |
|      | 3rd       | Dyeing of nylon with acid dyes                      |
|      | 4th       | Dyeing of nylon with acid dyes                      |
|      | 5th       | Dyeing of nylon with acid dyes                      |
|      | 6th       | Dyeing of polyester with disperse dyes              |
| 2nd  | 1st       | Dyeing of polyester with disperse dyes              |
|      | 2nd       | Dyeing of polyester with disperse dyes              |
|      | 3rd       | Dyeing of polyester with disperse dyes              |
|      | 4th       | Dyeing of polyester with disperse dyes              |
|      | 5th       | Dyeing of polyester with disperse dyes              |
|      | 6th       | Dyeing of polyester with disperse dyes              |
| 3rd  | 1st       | Dyeing of polyester with disperse dyes              |
|      | 2nd       | Dyeing of polyester with disperse dyes              |
|      | 3rd       | Dyeing of polyester with disperse dyes              |
|      | 4th       | Dyeing of polyester with disperse dyes              |
|      | 5th       | Dyeing of polyester with disperse dyes              |
|      | 6th       | Dyeing of polyester with disperse dyes              |
| 4th  | 1st       | Dyeing of polyester with disperse dyes              |
|      | 2nd       | Dyeing of polyester with disperse dyes              |
|      | 3rd       | Analysis & Identification of dye                    |
|      | 4th       | Analysis & Identification of dye                    |
|      | 5th       | Analysis & Identification of dye                    |
|      | 6th       | Analysis & Identification of dye                    |
| 5th  | 1st       | Analysis & Identification of dye                    |
|      | 2nd       | Analysis & Identification of dye                    |
|      | 3rd       | Analysis & Identification of dye                    |
|      | 4th       | Analysis & Identification of dye                    |
|      | 5th       | Analysis & Identification of dye                    |
|      | 6th       | Analysis & Identification of dye                    |
| 6th  | 1st       | Direct printing with pigment colour                 |
|      | 2nd       | Direct printing with pigment colour                 |
|      | 3rd       | Direct printing with pigment colour                 |
|      | 4th       | Direct printing with pigment colour                 |
|      | 5th       | Direct printing with pigment colour                 |
|      | 6th       | Direct printing of cotton with receptive & vat dyes |
| 7th  | 1st       | Direct printing of cotton with receptive & vat dyes |
|      | 2nd       | Direct printing of cotton with receptive & vat dyes |
|      | 3rd       | Direct printing of cotton with receptive & vat dyes |
|      | 4th       | Direct printing of cotton with receptive & vat dyes |
|      | 5th       | Direct printing of cotton with receptive & vat dyes |
|      | 6th       | Direct printing of cotton with receptive & vat dyes |
| 8th  | 1st       | Direct printing of cotton with receptive & vat dyes |
|      | 2nd       | Direct printing of cotton with receptive & vat dyes |
|      | 3rd       | Direct printing of cotton with receptive & vat dyes |

|      |     |   |
|------|-----|---|
|      | 4th | Direct printing of cotton with receptive & vat dyes |
|      | 5th | Direct printing of cotton with receptive & vat dyes |
|      | 6th | Direct printing of cotton with receptive & vat dyes |
| 9th  | 1st | Direct printing of cotton with receptive & vat dyes |
|      | 2nd | Direct printing of cotton with receptive & vat dyes |
|      | 3rd | Printing of Nylon fabric                            |
|      | 4th | Printing of Nylon fabric                            |
|      | 5th | Printing of Nylon fabric                            |
|      | 6th | Printing of Nylon fabric                            |
| 10th | 1st | Printing of Nylon fabric                            |
|      | 2nd | Printing polyester with disperse dyes               |
|      | 3rd | Printing polyester with disperse dyes               |
|      | 4th | Printing polyester with disperse dyes               |
|      | 5th | Printing polyester with disperse dyes               |
|      | 6th | Printing polyester with disperse dyes               |
| 11th | 1st | Printing polyester with disperse dyes               |
|      | 2nd | Printing polyester with disperse dyes               |
|      | 3rd | Printing polyester with disperse dyes               |
|      | 4th | Printing polyester with disperse dyes               |
|      | 5th | Printing polyester with disperse dyes               |
|      | 6th | Softening & Stiffening                              |
| 12th | 1st | Softening & Stiffening                              |
|      | 2nd | Softening & Stiffening                              |
|      | 3rd | Softening & Stiffening                              |
|      | 4th | Softening & Stiffening                              |
|      | 5th | Finishing processes                                 |
|      | 6th | Finishing processes                                 |
| 13th | 1st | Finishing processes                                 |
|      | 2nd | Finishing processes                                 |
|      | 3rd | Finishing processes                                 |
|      | 4th | Finishing processes                                 |
|      | 5th | Finishing processes                                 |
|      | 6th | Finishing processes                                 |
| 14th | 1st | Finishing processes                                 |
|      | 2nd | Finishing processes                                 |
|      | 3rd | Finishing processes                                 |
|      | 4th | Finishing processes                                 |
|      | 5th | Finishing processes                                 |
|      | 6th | Finishing processes                                 |
| 15th | 1st | Finishing processes                                 |
|      | 2nd | Finishing processes                                 |
|      | 3rd | Finishing processes                                 |
|      | 4th | Finishing processes                                 |
|      | 5th | Finishing processes                                 |
|      | 6th | Finishing processes                                 |

  
 01/02/2025  
 Signature of  
 Lect. Textile Engg.

  
 Signature of  
 HOD (I/C) Textile Engg.

  
 Signature of  
 Academic co-ordinator.