

# LESSON PLAN

SUB: Project Phase - I

BRANCH: TEXTILE ENGG.

SEMESTER: 5<sup>th</sup>

SESSION: 2025-26

NAME OF FACULTY: Birendra Meher (Lect. S-I, Textile Tech.)



**GOVERNMENT POLYTECHNIC,  
BHADRAK**

Academic (I/C)  
Textile Engg.

Academic Co-Ordinator  
Govt. Polytechnic, Bhadrak

Principal  
Govt. Polytechnic, Bhadrak

### LESSON PLAN

**DEPARTMENT OF TEXTILE ENGG, GOVT. POLYTECHNIC, BHADRAK**

**SUBJECT: Project Phase - I Periods: 5 per week SEMESTER: 5th**

**NAME OF FACULTY: BIRENDRA MEHER ACADEMIC YEAR: 2025-2026**

**Semester From date: 14.07.2025 To Date: 15.11.2025 No. of weeks: 15**

Week	Class Day	Theory / Practical Topics
1st	1st	Introduction to Minor Project: Scope, Objectives, Expectations.
	2nd	Introduction to Minor Project: Scope, Objectives, Expectations.
	3rd	Introduction to Minor Project: Scope, Objectives, Expectations.
	4th	Introduction to Minor Project: Scope, Objectives, Expectations.
	5th	Introduction to Minor Project: Scope, Objectives, Expectations.
2nd	1st	Group formation & Initial project idea discussions.
	2nd	Group formation & Initial project idea discussions.
	3rd	Group formation & Initial project idea discussions.
	4th	Group formation & Initial project idea discussions.
	5th	Group formation & Initial project idea discussions.
3rd	1st	Finalizing Project Titles Problem Identification, Objective Definition, Feasibility Study (Technical & Economic)
	2nd	Finalizing Project Titles Problem Identification, Objective Definition, Feasibility Study (Technical & Economic).
	3rd	Finalizing Project Titles Problem Identification, Objective Definition, Feasibility Study (Technical & Economic).
	4th	Finalizing Project Titles Problem Identification, Objective Definition, Feasibility Study (Technical & Economic).
	5th	Finalizing Project Titles Problem Identification, Objective Definition, Feasibility Study (Technical & Economic).
4th	1st	Literature Review.
	2nd	Literature Review.
	3rd	Literature Review.
	4th	Literature Review.
	5th	Literature Review.
5th	1st	Market Survey Study of existing research, products, or practices in textile field.
	2nd	Market Survey Study of existing research, products, or practices in textile field.
	3rd	Market Survey Study of existing research, products, or practices in textile field.
	4th	Market Survey Study of existing research, products, or practices in textile field.
	5th	Market Survey Study of existing research, products, or practices in textile field.
	1st	Project Proposal Presentation Submission of detailed project proposal including scope, timeline, tools, etc.
	2nd	Project Proposal Presentation Submission of detailed project proposal including scope, timeline, tools, etc.



6th	3rd	Project Proposal Presentation Submission of detailed project proposal including scope, timeline, tools, etc.
	4th	Project Proposal Presentation Submission of detailed project proposal including scope, timeline, tools, etc.
	5th	Project Proposal Presentation Submission of detailed project proposal including scope, timeline, tools, etc.
7th	1st	Material & Process Selection Selection of fibers, fabrics, machines, chemicals, testing methods etc., based on project.
	2nd	Material & Process Selection Selection of fibers, fabrics, machines, chemicals, testing methods etc., based on project.
	3rd	Material & Process Selection Selection of fibers, fabrics, machines, chemicals, testing methods etc., based on project.
	4th	Material & Process Selection Selection of fibers, fabrics, machines, chemicals, testing methods etc., based on project.
	5th	Material & Process Selection Selection of fibers, fabrics, machines, chemicals, testing methods etc., based on project.
8th	1st	Project Design – Part I Flow chart, process diagram, design of experiment (DOE).
	2nd	Project Design – Part I Flow chart, process diagram, design of experiment (DOE).
	3rd	Project Design – Part I Flow chart, process diagram, design of experiment (DOE).
	4th	Project Design – Part I Flow chart, process diagram, design of experiment (DOE).
	5th	Project Design – Part I Flow chart, process diagram, design of experiment (DOE).
9th	1st	Project Design – Part II Machine parameter setup, sample planning or CAD design.
	2nd	Project Design – Part II Machine parameter setup, sample planning or CAD design.
	3rd	Project Design – Part II Machine parameter setup, sample planning or CAD design.
	4th	Project Design – Part II Machine parameter setup, sample planning or CAD design.
	5th	Project Design – Part II Machine parameter setup, sample planning or CAD design.
10th	1st	Project Implementation – Phase I.
	2nd	Project Implementation – Phase I.
	3rd	Project Implementation – Phase I.
	4th	Project Implementation – Phase I.
	5th	Project Implementation – Phase I.
11th	1st	Project Implementation – Phase II.
	2nd	Project Implementation – Phase II.
	3rd	Project Implementation – Phase II.
	4th	Project Implementation – Phase II.
	5th	Project Implementation – Phase II.

12th	1st	Technical Report Writing – Part I Writing Introduction, Literature Review, Methodology.
	2nd	Technical Report Writing – Part I Writing Introduction, Literature Review, Methodology.
	3rd	Technical Report Writing – Part I Writing Introduction, Literature Review, Methodology.
	4th	Technical Report Writing – Part I Writing Introduction, Literature Review, Methodology.
	5th	Technical Report Writing – Part I Writing Introduction, Literature Review, Methodology.
13th	1st	Technical Report Writing – Part II Writing Results, Discussion, Conclusion, References.
	2nd	Technical Report Writing – Part II Writing Results, Discussion, Conclusion, References.
	3rd	Technical Report Writing – Part II Writing Results, Discussion, Conclusion, References.
	4th	Technical Report Writing – Part II Writing Results, Discussion, Conclusion, References.
	5th	Technical Report Writing – Part II Writing Results, Discussion, Conclusion, References.
14th	1st	Final Presentation & Viva Preparation PPT preparation, rehearsal, peer feedback
	2nd	Final Presentation & Viva Preparation PPT preparation, rehearsal, peer feedback
	3rd	Final Presentation & Viva Preparation PPT preparation, rehearsal, peer feedback
	4th	Final Presentation & Viva Preparation PPT preparation, rehearsal, peer feedback
	5th	Final Presentation & Viva Preparation PPT preparation, rehearsal, peer feedback
15th	1st	Final Evaluation: Project Demo, Report Submission, Viva Voce (Internal &/or External).
	2nd	Final Evaluation: Project Demo, Report Submission, Viva Voce (Internal &/or External).
	3rd	Final Evaluation: Project Demo, Report Submission, Viva Voce (Internal &/or External).
	4th	Final Evaluation: Project Demo, Report Submission, Viva Voce (Internal &/or External).
	5th	Final Evaluation: Project Demo, Report Submission, Viva Voce (Internal &/or External).

Signature of  
Lecturer  
Textile Engg.

Signature of  
Academic (I/C)  
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