

# LESSON PLAN

## DEPARTMENT OF TEXTILE TECHNOLOGY, ITT, CHOUDWAR

SUBJECT: TEXTILE DESIGN-I      Periods: 4 per week      SEMESTER: 4th

NAME OF FACULTY: GOUTAMA BHATTACHARYA

No. of weeks/Sem as per SCTE&VT, Odisha Textile Tech/ Engg Syllabus: 15

Week	Class Day	Theory / Practical Topics
1st	1 <sup>st</sup>	Introduction
	2 <sup>nd</sup>	Differentiate woven, non-woven, knitted structures .
	3 <sup>rd</sup>	Explain representation of weaves and use of point paper.
	4 <sup>th</sup>	Describe drafting , lifting, denting plan of a design on point paper.
2 <sup>nd</sup>	1 <sup>st</sup>	Describe drafting , lifting, denting plan of a design on point paper.
	2 <sup>nd</sup>	Describe drafting , lifting, denting plan of a design on point paper.
	3 <sup>rd</sup>	Describe drafting , lifting, denting plan of a design on point paper.
	4 <sup>th</sup>	Describe drafting , lifting, denting plan of a design on point paper.
3 <sup>rd</sup>	1 <sup>st</sup>	Describe drafting , lifting, denting plan of a design on point paper.
	2 <sup>nd</sup>	<b>Class for any shortfalls/Revision</b>
	3 <sup>rd</sup>	Basic concept of Plain woven structure.
	4 <sup>th</sup>	Construct standard plain weaves and its derivatives like Warp rib, weft rib and matt
4 <sup>th</sup>	1 <sup>st</sup>	Construct standard plain weaves and its derivatives like Warp rib, weft rib and matt
	2 <sup>nd</sup>	Construct standard plain weaves and its derivatives like Warp rib, weft rib and matt
	3 <sup>rd</sup>	Construct standard plain weaves and its derivatives like Warp rib, weft rib and matt
	4 <sup>th</sup>	Construct standard plain weaves and its derivatives like Warp rib, weft rib and matt
5 <sup>th</sup>	1 <sup>st</sup>	Construct standard plain weaves and its derivatives like Warp rib, weft rib and matt
	2 <sup>nd</sup>	Ornamentation of plain weave
	3 <sup>rd</sup>	Explain the application of these weaves in different field of Textile
	4 <sup>th</sup>	<b>Class for any shortfalls/Revision</b>
6 <sup>th</sup>	1 <sup>st</sup>	Basic concept of twill weaves
	2 <sup>nd</sup>	Explain influence of twist direction and angle of twill on appearance of fabric.
	3 <sup>rd</sup>	Derivatives of Twill
	4 <sup>th</sup>	Construct Derivatives of Twill design – Balanced and Un balanced twill
7 <sup>th</sup>	1 <sup>st</sup>	Construct Derivatives of Twill design – pointed twill
	2 <sup>nd</sup>	Construct Derivatives of Twill design – ,combined twill (end and end ,pick and pick Combination.)
	3 <sup>rd</sup>	Construct Derivatives of Twill design – ,combined twill (end and end ,pick and pick Combination.)
	4 <sup>th</sup>	Construct Derivatives of Twill design – broken twill
8 <sup>th</sup>	1 <sup>st</sup>	Construct Diamond & Corkscrew.
	2 <sup>nd</sup>	Construct Diamond & Corkscrew.
	3 <sup>rd</sup>	Construct satin & Sateen
	4 <sup>th</sup>	Construct satin & Sateen
9 <sup>th</sup>	1 <sup>st</sup>	Explain the application of these weaves in different field of Textile
	2 <sup>nd</sup>	<b>Class for any shortfalls/Revision</b>
	3 <sup>rd</sup>	<b>Class for any shortfalls/Revision</b>
	4 <sup>th</sup>	Construct ordinary honey Comb with draft and peg plan
10 <sup>th</sup>	1 <sup>st</sup>	Construct ordinary honey Comb with draft and peg plan
	2 <sup>nd</sup>	Construct brighton honey comb with draft and peg plan
	3 <sup>rd</sup>	Construct brighton honey comb with draft and peg plan

	4 <sup>th</sup>	Construct Huck-a-Back with draft and peg plan
11 <sup>th</sup>	1 <sup>st</sup>	Construct Huck-a-Back with draft and peg plan
	2 <sup>nd</sup>	Construct Mock leno with draft and peg plan
	3 <sup>rd</sup>	Construct Mock leno with draft and peg plan
	4 <sup>th</sup>	Explain the application of these weaves in different field of Textile
12 <sup>th</sup>	1 <sup>st</sup>	<b>Class for any shortfalls/Revision</b>
	2 <sup>nd</sup>	Construct Bedford cords(Plain & twill faced with wadding effect)
	3 <sup>rd</sup>	Construct Bedford cords(Plain & twill faced with wadding effect)
	4 <sup>th</sup>	Construct Bedford cords(Plain & twill faced with wadding effect)
13 <sup>th</sup>	1 <sup>st</sup>	Construct Bedford cords(Plain & twill faced with wadding effect)
	2 <sup>nd</sup>	Construct Bedford cords(Plain & twill faced with wadding effect)
	3 <sup>rd</sup>	Construct welts design
	4 <sup>th</sup>	Construct welts design
14 <sup>th</sup>	1 <sup>st</sup>	Construct welts design
	2 <sup>nd</sup>	Construct Extra warp and Extra weft designs with drafting & lifting.
	3 <sup>rd</sup>	Construct Extra warp and Extra weft designs with drafting & lifting.
	4 <sup>th</sup>	Construct Extra warp and Extra weft designs with drafting & lifting.
15 <sup>th</sup>	1 <sup>st</sup>	Construct Extra warp and Extra weft designs with drafting & lifting.
	2 <sup>nd</sup>	Explain the application of these weaves in different fabrics.
	3 <sup>rd</sup>	<b>Class for any shortfalls/Revision</b>
	4 <sup>th</sup>	<b>Class for any shortfalls/Revision</b>