

**PANIPAT INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**Department of Textile Engineering**

**Faculty Name: Astha**  
**Year/Semester: VI<sup>th</sup>/ 3<sup>rd</sup>**

**Subject Name: Garment Technology**  
**Subject Code: TT-306N**

**LESSON PLAN**

<b>Unit No.</b>	<b>Topic of the Lecture</b>	<b>Hours</b>	<b>Total Hours</b>		
<b>Unit I</b>	Introduction to clothing manufacturing	1	<b>9</b>		
	The structure of clothing industry	1			
	Organization chart of clothing factory	1			
	Raw materials and accessories for garment industry	1			
	Relationship between fabric properties and making up process	1			
	Fabric quality requirement for garment industry	1			
	Trimming and garment accessories: definition, types	1			
	Trimming methodologies accessories application	1			
<b>Unit II</b>	<b>Unit 2:</b> Introduction to pattern making and garment construction	1	<b>11</b>		
	Different terminologies	2			
	Drafting, Basic bodies, blocks	1			
	CAD for pattern making	3			
	Spreading and Lay Planning	2			
	Introduction to symmetrical and asymmetrical fabrics	1			
	Criteria for spreading	1			
	Methods of spreading	1			
	Spreading machines	1			
	Principles of lay plan	1			
	Types of lay plan	1			
	Planning, drawing and reproduction of marker	2			
	Methods of marker planning and marker	2	<b>11</b>		
	Normal marker planning and computerized marker planning	2			
	Cutting by straight knife, band knife	1			
	Notches and Drill	1			
	Computer controlled knives	2			
	Die cutting, laser cutting, Plasma cutting	1			
	<b>Unit IV</b>	Properties of seams		1	<b>18</b>
		Seam types		2	
Stitch types		2			
Sewing machine feed mechanism		2			
Sewing machine needles		2			
Sewing threads		1			
sewing problems, Basic sewing machines		1			
Sewing work aids		1			
Purpose of pressing, pressing equipment		1			
Pressing method		1			
Alternative methods of joining materials		2			
The use of components, trimmings to care labeling in Garment manufacturing		2			