

## LESSON PLAN

NAME OF THE FACULTY :  
DISCIPLINE : ARCHITECTURAL ASSISTANTSHIP  
SEMESTER : 5<sup>th</sup>  
SUBJECT : **BUILDING CONSTRUCTION-IV**  
LESSON PLAN DURATION : 15 WEEKS  
WORK LOAD PER WEEK : 06

WEEK	LECTURE DAY	PRACTICAL
		TOPIC
1 <sup>ST</sup>	1.	Riveted Connections and Welded Joints
	2.	Draw Riveted joint Connections
2 <sup>ND</sup>	3.	Draw Welded Joints connections
	4.	Steel Sections - Draw Steel doors using standard rolled sections ( plan, section and elevation)
3 <sup>RD</sup>	5.	Steel Sections - Draw Steel windows using standard rolled sections ( plan, section and elevation)
	6.	Steel Sections - Draw Rolling structure ( plan, section and elevation)
4 <sup>TH</sup>	7.	Steel Sections - Draw collapsible structure ( plan, section and elevation)
	8.	Technical terms of Steel Sections
5 <sup>TH</sup>	9.	Steel Roofs
	10.	1 <sup>ST</sup> SESSIONAL TEST
	11.	Technical terms of Steel Roofs

6 <sup>TH</sup>	12.	Line diagram of steel roofs for various spans
7 <sup>TH</sup>	13.	Draw the Line diagram of steel roofs for various spans
	14.	Construction details of steel roofs
8 <sup>TH</sup>	15.	Draw the Construction details of steel roofs
	16.	Roof covering: AC, GI sheets
9 <sup>TH</sup>	17.	Draw the Roof covering: AC, GI sheets
	18.	North light truss
10 <sup>TH</sup>	19.	North light truss
	20.	2 <sup>nd</sup> SESSIONAL TEST
11 <sup>TH</sup>	21.	Frame and Sealed Connections Built Up Steel Columns and Beams
	22.	Draw Frame and Sealed Connections Built Up Steel Columns
12 <sup>TH</sup>	23.	Draw Frame and Sealed Connections Built Up Steel Beams
	24.	Beam to beam framed connection
13 <sup>TH</sup>	25.	Beam to column framed connection
	26.	Beam to column seated connection
14 <sup>TH</sup>	27.	Draw Beam to beam framed connection
	28.	Draw Beam to column framed connection
15 <sup>TH</sup>	29.	Draw Beam to column seated connection
	30.	3 <sup>rd</sup> SESSIONAL TEST