

Department of Civil Engineering
Govt. Polytechnic for Women Rehan
Distt. – Kangra (H.P.) - 176022



LESSON PLAN

Program Name	Civil Engineering
Subject Name	Steel Structure Drawing
Subject Code	CE-1760
Semester	6 th
Subject Teacher Name	Sonika Thakur/Amit Thakur

Evaluation Scheme

Sr. No.	Subject Name	Study scheme (Hrs/Week)		Marks in Evaluation Scheme					
				Internal Assessment			External Assessment		
				Th	DCS	Th	Pr	Total	Th
1.	Railways Bridges and Tunnels		-		50	50		50	100
Reference Books		(i) Structures Design and Drawing 'By Birinder Singh, (ii) Design of Steel Structure", by S Ramamurthan							

Course Outcomes (COs)

CO – 1	To know the general Behaviour of Steel for Different Types of Structure
CO – 2	To understand the various connections of structures

Teaching Plan

	Name of Topic	Proposed Dated		Actual Date		Remarks
		Group-1	Group-2	Group-1	Group-2	
Steel Structure Drawing	1. Details of splicing for steel columns.	29/01/2024 30/01/2024 05/02/2024 06/02/2024	29/01/2024 30/01/2024 05/02/2024 06/02/2024			

bl *Amit*

2. Column Beam Connection Drawings:					
a) Beam to beam connections (Seated and framed)	12/02/2024 13/02/2024 19/02/2024 20/02/2024 26/02/2024	12/02/2024 13/02/2024 19/02/2024 20/02/2024 26/02/2024			
b) Beam to column (Seated and framed)	27/02/2024 04/03/2024 05/03/2024 11/03/2024 12/03/2024	27/02/2024 04/03/2024 05/03/2024 11/03/2024 12/03/2024			
Class Test-1	18/03/2024	18/03/2024			
c) Column bases (Slab base, and gusseted base)	19/03/2024 26/03/2024 01/04/2024 02/04/2024 08/04/2024	19/03/2024 26/03/2024 01/04/2024 02/04/2024 08/04/2024			
3. Detailed drawing showing plan and elevation for a riveted plate girder with the given design data regarding the sizes of its parts, with details at the supports and connections of stiffeners, flange angles and cover plates with the web	09/04/2024 16/04/2024 22/04/2024 23/04/2024 29/04/2024 30/04/2024	09/04/2024 16/04/2024 22/04/2024 23/04/2024 29/04/2024 30/04/2024			
Class Test-II	19/04/2023	19/04/2023			
4. Preparation of drawing of a steel roof truss with details of joints for the given span, shape of the truss and the design data regarding the size of the members and the connections.	06/05/2024 07/05/2024 13/05/2024 14/05/2024 20/05/2024	06/05/2024 07/05/2024 13/05/2024 14/05/2024 20/05/2024			

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House Test/Class Test

Name of test	Syllabus for Tests	Proposed Date	Actual Date	Remarks
Class Test -1	Drawing-1 & Drawing-2 a)	As per HPTSB Academic Schedule		
Class Test -2	Drawing-2 b),c)			
House Test - 1	Drawing-1, Drawing-2 & Drawing-3			


(Signature of Teacher)


(Signature of HOD)

Approved

Principal 27.1.24
Govt. Polytechnic for Women
Rehan Distt. Kangra (H.P.)