LESSON PLAN-WINTER-2022 SWAMI VIVEKANANDA SCHOOL OF ENGG & TECH, BBSR

Discipline- CIVIL DEPARTMEN T	Semester- 5TH	Name of teaching faculty- PRATIVA MANJARI BARIK	The second secon	
Subject- SD-II	No class alloted/ per week -5	SEM From date- 15/09/2022 to 22/12/2022 No of weeks- 17	The Charles of the Ch	
Week	Class day	Theory Topics	TOURSE, OUT	
	9/15/2022	Introduction:		
3RD	9/16/2022	1.1 Common steel structures, Advantages & disadvantages of steel structures.		the manufacture of the second of the second of
	9/19/2022	1.2 Types of steel, properties of structural steel.1.3 Rolled steel sections, special considerations in steel design.	11/2/1022	
4TH	9/20/2022	1.4 Loads and load combinations.		Ī
410	9/21/2022	1.5 Structural analysis and design philosophy.	PATHOLOGIA N	4 44
	9/22/2022	Brief review of Principles of Limit State design.	and provide the track	\$
	9/23/2022	Structural Steel Fasteners and Connections.	to the term of the term of the terms of the	1
	9/24/2022	2.1 Bolted Connections	EVYLONATION	and the state of t
	9/26/2022	Classification of bolts, advantages and disadvantages of bolted connections.		And the second of the second
	9/27/2022	2.1.2 Different terminology, spacing and edge distance of bolt holes.	5815 (1) 1 1 5	Programme and the second secon
	9/28/2022	2.1.3 Types of bolted connections.	which appeared the party is because their	AND THE PROPERTY OF THE PROPER
5TH	9/29/2022	2.1.4 Types of action of fasteners, assumptions and principles of design.	- STATISTIC	And the second s
	9/30/2022	2.1.5 Strength of plates in a joint, strength of bearing type bolts (shear capacity& bearing capacity), reduction factors, and shear capacity of HSFG bolts.	11/10/2022 11/10/2022	C P.S.
1ST	10/1/2022	2.1.6 Analysis & design of Joints using bearing type and HSFG bolts (except eccentric load and prying forces)	TŠOSĄTŔŢ	
The American Company	10/10/2022	2.1.7 Efficiency of a joint.		James Sanger - Steel Commission
	10/11/2022	2.2 Welded Connections: 2.2.1 Advantages and Disadvantages of welded connection	SCOSYCLIAL	and the second second
3RD	10/12/2022	2.2.2 Types of welded joints and specifications for welding	13087,100	1 048
	10/13/2022	2.2.3 Design stresses in welds.	CONCAGO DO	
		Strength of welded joints.	or the same of the state of the same of th	
	10/15/2022	Design of Steel tension Members	CONTRACTOR	1
e with the engine of the second section in	10/17/2022	3.1 Common shapes of tension members.	Commence of the commence of th	the distance of the state of the state of
4TH	10/18/2022	3.1 Common shapes of tension members.	CIMA A CV	
	10/19/2022	3.1 Common shapes of tension members.		
	10/20/2022		C CHARLETTE	† **
		3.2 Maximum values of effective slenderness ratio.	Mary Mary Company of the Company of	
	10/22/2022		use to having taking and hos	A Au auto

Company of the	ans - 1970	3.4 Analysis and Design of tension members.(x 751
7-10-5				
	10/24/2022	failure.)		
		3.4 Analysis and Design of tension was Considering strength only and concept of block shear		
			100	
CTU		failure.) 3.4 Analysis and Design of tension members.(
5TH		I		
	10/26/2022			
		failure.)		
	10/27/2022	Design of Steel Compression members.		
	10/29/2022	4.1 Common snapes of compression		
6H	10/31/2022	sure of cross sections, slenderness ratio		
	A	4.2 Buckling class of cross sections, slenderness ratio		
		4.3 Design compressive stress and strength of		
	11/2/2022	compression members.		The Ray
	281	4.3 Design compressive stress and strength of		
1ST	11/3/2022	compression members.		
				The state of
		4.3 Design compressive stress and strength of		
	11/4/2022	mambers	- 24 - 25	
		4.4 Analysis and Design of compression members (axial		
	11/5/2022	lead only)		
		load only). 4.4 Analysis and Design of compression members (axial		
	11/7/2022			
		load only). 4.4 Analysis and Design of compression members (axial	A STATE OF STATE	Ta Pa
	11/8/2022			
		load only).		
	11/9/2022	Design of Steel beams:		
2ND	11/10/2022	5.1 Common cross sections and their classification.		
	11/11/2022	5.1 Common cross sections and their classification.		
			Managaran ya ya e	
	11/12/2022	5.2 Deflection limits, web buckling and web crippling.		
	11/14/2022			-
		INTERNAL ASSESMENT		
	11/16/2022	INTERNAL ASSESMENT		
3RD	11/17/2022	5.2 Deflection limits, web buckling and web crippling.		1.1
טאכ	11/18/2022	5.2 Deflection limits, web buckling and web crippling.		
		5.3 Design of laterally supported beams against bending	74-	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	11/19/2022	and shear.		
		5.3 Design of laterally supported beams against bending		
	11/21/2022			
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	11/22/2022	5.3 Design of laterally supported beams against bending		
		and shear.	and we see that the	
	11/23/2022	5.3 Design of laterally supported beams against bending		
4TH	2.00	and shear.		

	11/25/2022	6.1 Round Tubular Sections, Permissible Stresses		
7	11/26/2022	6.1 Round Tubular Sections, Permissible Stresses		
	11/28/2022	6.2 Tubular Compression & Tension Members		1.
5TH		6.2 Tubular Compression & Tension Members		
		6.2 Tubular Compression & Tension Members		
	12/1/2022	Joints in Tubular trusses		
1ST	12/2/2022	Joints in Tubular trusses		
	12/3/2022	Joints in Tubular trusses		
	12/5/2022	Design of Masonry Structures:	0	он .
r Engg. & Tem	akenanda School	7.1 Design considerations for Masonry walls & Columns,	Limite (1)	IB-13 KIND
77	tel and apply	Load Bearing & Non-Load Bearing walls, Permissible	reanthak	7.3.2 V
	12/6/2022	stresses, Slenderness Ratio, Effective Length, Height &		
		Thickness		
		7.1 Design considerations for Masonry walls & Columns,		
4 2		Load Bearing & Non-Load Bearing walls, Permissible		
	12/7/2022			
		stresses, Slenderness Ratio, Effective Length, Height & Thickness		
		7.1 Design considerations for Masonry walls & Columns,		
2ND				
	12/8/2022	Load Bearing & Non-Load Bearing walls, Permissible		
		stresses, Slenderness Ratio, Effective Length, Height & Thickness		
		7.1 Design considerations for Masonry walls & Columns,		
		Load Bearing & Non-Load Bearing walls, Permissible		
	12/9/2022	stresses, Slenderness Ratio, Effective Length, Height &		
		Thickness		
		7.1 Design considerations for Masonry walls & Columns,		
		Load Bearing & Non-Load Bearing walls, Permissible		
	12/10/2022	stresses, Slenderness Ratio, Effective Length, Height &		
		Thickness		
		7.1 Design considerations for Masonry walls & Columns,	711/2	
		Load Bearing & Non-Load Bearing walls, Permissible		
	12/12/2022	stresses, Slenderness Ratio, Effective Length, Height &		
		Thickness		
			200	
		7.1 Design considerations for Masonry walls & Columns,		
	12/13/2022	Load Bearing & Non-Load Bearing walls, Permissible		
		stresses, Slenderness Ratio, Effective Length, Height &		
		Thickness		
	12/14/2022	7.1 Design considerations for Masonry walls & Columns,		
100		Load Bearing & Non-Load Bearing walls, Permissible		
222		stresses, Slenderness Ratio, Effective Length, Height &		
3RD		Thickness		
Acceptance of the second		7.1 Design considerations for Masonry walls & Columns,		
		Load Bearing & Non-Load Bearing walls, Permissible		
	12/15/2022	stresses, Slenderness Ratio, Effective Length, Height &		
		Thickness		
		HIICKHESS		188

	12/16/2022	7.1 Design considerations for Masonry walls & Columns, Load Bearing & Non-Load Bearing walls, Permissible stresses, Slenderness Ratio, Effective Length, Height & Thickness	-72.5	
	12/17/2022	Revision	5 4.1	
4ТН	12/19/2022	Revision		and the second s
	12/20/2022	Revision		164
	12/21/2022	Revision		
	12/22/2022	Revision		

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