LESSON PLAN

Name of Faculty : Deepak Panwar **Discipline : Civil Engineering** **L T P**

Subject : Structural Mechanics Lab **Semester : 3rd** **- - 4**

Lesson plan Duration : 15 Weeks

Week	Lecture Day	PRACTICAL TOPIC (including Assignments / Seeminar / Group Discussion / Sessional Tests)	Delivery Date of Lecture		Whether the Lesson Plan Followed ?
			Expected	Actual	Yes / No
1st	1st	1. Determination of yield stress, ultimate stress, percentage elongation and plot the stress strain diagram and compute the value of young's modulus on mild steel			
2nd	2nd	1. Determination of yield stress, ultimate stress, percentage elongation and plot the stress strain diagram and compute the value of young's modulus on mild steel			
3rd	3rd	1. Determination of yield stress, ultimate stress, percentage elongation and plot the stress strain diagram and compute the value of young's modulus on mild steel			
4th	4th	2. Testing of HYSD Steel			
5th	5th	2. Testing of HYSD Steel			
6th	6th	3. Determination of Young's modulus of elasticity for steel wire with searl's apparatus			
7th	7th	3. Determination of Young's modulus of elasticity for steel wire with searl's apparatus			
8th	8th	3. Determination of Young's modulus of elasticity for steel wire with searl's apparatus			
9th	9th	4. Determination of modulus of rupture of a concrete beam			
10th	10th	4. Determination of modulus of rupture of a concrete beam			
11th	11th	5. Determination of maximum deflection and young's modulus of elasticity in simply supported beam with load at middle third point			
12th	12th	5. Determination of maximum deflection and young's modulus of elasticity in simply supported beam with load at middle third point			
13th	13th	5. Determination of maximum deflection and young's modulus of elasticity in simply supported beam with load at middle third point			
14th	14th	6. Verification of forces in a framed structure			
15th	15th	6. Verification of forces in a framed structure			