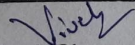
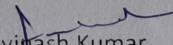


**LESSON PLAN FOR ENGG. DWG- II (SESSION: APRIL- JULY 2021) COM. ENGG. 2ND SEMESTER**

S.NO.	MONTH	WEEK	DAY	PARTICULARS	REMARKS
1	APRIL	2ND	6,8,9	<b>Detail and Assembly Drawing (02 sheets):</b> Principle and utility of detail and assembly drawings.1 Wooden joints i.e. corner mortice and tenon joint, Tee halving joint, Mitre faced corner joint,Tee bridle joint, Crossed wooden joint, Cogged joint, Dovetail joint, Through Mortice andTenon joint, furniture drawing - freehand and with the help of drawing instruments.	
		3RD	13,16		
		4TH	20,22,23		
		5TH	27,29,30		
2	MAY	2ND	4,6,7	<b>Screw Threads (03 sheets):</b> 1 Thread Terms and Nomenclature1.1 Types of threads-External and Internal threads, Right and Left hand threads (Actual and Conventional representation), single and multiple start threads.1.2 Different Forms of screw threads-V threads (B.S.W threads, B.A thread, American Nationaland Metric thread), Square threads (square, Acme, Buttress and Knuckle thread) <b>Nuts and Bolts (02 sheets):</b> 1 Different views of hexagonal and square nuts. Square and hexagonal headed bolt.2 Assembly of Hexagonal headed bolt and Hexagonal nut with washer.3 Assembly of square headed bolt with hexagonal and with washer.	CLASS TEST-1
		3RD	11,13		
		4TH	18,20,21		
		5TH	25,27,28		
3	JUNE	1ST	1,3,4	<b>Locking Devices (02 sheets):</b> 1 Different types of locking devices-Lock nut, castle nut, split pin nut, locking plate, slotted nut and spring washer.2 Foundations bolts-Rag bolt, Lewis bolt, curved bolt and eye bolt.3 Drawing of various types of studs <b>Keys and Cotters (02 sheets):</b> 1 Various types of keys and cotters - their practical application, drawings of various keys and cotters showing keys and cotters in position.2 Various types of joints- Spigot and socket joint- Gib and cotter joint- Knuckle joint	CLASS TEST-2
		2ND	8,10,11		
		3RD	15,17,18		
		4TH	22,25		
		5TH	29		
4	JULY	1ST	1,2	<b>Rivets and Riveted Joints (03 sheets):</b> 1 Types of general purpose-rivets heads.2 Caulking and fullering of riveted joints.3 Types of riveted joints(i) Lap joint-Single riveted, double riveted (chain and zig-zag type)(ii) Single riveted, Single cover plate butt joint(iii) Single riveted, double cover plate butt joint(iv) Double riveted, double cover plate butt joint(chain and zig-zag type) <b>Couplings (02 sheets):</b> 1 Introduction to coupling, their use and types.2 Flange coupling (protected).3 Flexible Coupling	
		2ND	6,8,9		
		3RD	13,15,16		
		4TH	20,22,23		
		5TH	27		

  
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