

SPECIMEN OF LESSON PLAN

NAME OF THE FACULTY:- Mr. Rampal

SEMESTER:-2nd

SUBJECT:-ENGINEERING DRAWING-II

LESSON PLAN DURAITION:- 15 WEEKS

DISCIPLINE:- APPLIED SCIENCE

WEEK	LECTURE DAY	DRAWING TOPIC
1	1	Introduction to Assembly Drawing
	2	Principle and utility of detail and assembly drawings
2	3	Wooden joints i.e. corner mortise and tenon joint
	4	Tee halving joint, Mitre faced corner joint
3	5	Tee bridle joint, Crossed wooden joint, Cogged joint
	6	Dovetail joint, Through Mortise and Tenon joint,
4	7	furniture drawing - freehand and with the help of drawing instruments
	8	Screw Threads : Thread Terms and Nomenclature
5	9	Types of threads-External and Internal threads, Right and Left hand threads
	10	single and multiple start threads.
6	11	Different Forms of screw threads-V threads (B.S.W threads, B.A thread
	12	American National and Metric thread), Square threads (square, Acme, Buttress and Knuckle thread)
7	13	Different views of hexagonal and square nuts. Square and hexagonal headed bolt.
	14	Assembly of Hexagonal headed bolt and Hexagonal nut with washer
8	15	Assembly of square headed bolt with hexagonal and with washer
	16	Different types of locking devices-Lock nut, castle nut, split pin nut, locking plate, slotted nut and spring washer
9	17	Foundations bolts-Rag bolt, Lewis bolt, curved bolt and eye bolt
	18	Drawing of various types of studs

10	19	Various types of keys and cotters - their practical application, drawings of various keys and cotters showing keys and cotters in position
	20	Various types of joints - Spigot and socket joint - Gib and cotter joint
11	21	Knuckle joint
	22	Types of general purpose-rivets heads
12	23	Caulking and fullering of riveted joints
	24	Types of riveted joints (i) Lap joint-Single riveted, double riveted (chain and zig-zag type)
13	25	(ii) Single riveted, Single cover plate butt joint
	26	(iii) Single riveted, double cover plate butt joint
14	27	(iv) Double riveted, double cover plate butt joint(chain and zig-zag type)
	28	Introduction to coupling, their use and types
15	29	Muff coupling Flange coupling (protected)
	30	Flexible Coupling