

- SEMESTER:- I
- COURSE NO.:- FE-111
- COURSE TITLE:- ENGINEERING DRAWING
- CREDITS:- 1(0+1)

▪ PRACTICALS

NO. OF UNITS	TOPICS	NO. OF EXPT.
1	<i>Drawing of lines, lettering and dimensioning, types of lines</i>	2
2	<i>Lettering, types of dimensioning</i>	2
3	<i>Drawing scales</i> <i>Plain scale and diagonal scale</i>	1
4	<i>Drawing of screw threads</i> <i>Types of threads</i>	2
5	<i>Screw fastening</i> <i>Types of nuts, types of bolts and stud</i>	1
6	<i>Drawing of rivets and riveted joints, forms of rivet heads, types of riveted joints, failure of riveted joints</i>	2
7	<i>Drawing of welded joints</i> <i>Forms of welds, location and dimensions of welds</i>	1
8	<i>Drawing of keys, types of keys</i>	2
9	<i>Drawing of shaft couplings</i> <i>Rigid couplings and flexible couplings</i>	1
10	<i>Drawing of shaft bearings</i> <i>Journal bearings and pivot bearings</i>	2
	<b>TOTAL</b>	<b>16</b>

➤ *Reference Books:*

- *Elementary Engineering drawing* *N. D. Bhatt*
- *Machine drawing* *N. D. Bhatt*