



Course Weekly Outline

Week No.	Theoretical	Experimental
1	Introduction to virtual work methods	
2	Deflection by virtual work method: Trusses	
3	Deflection by virtual work method: Beam	
4	Deflection by virtual work method: Frames	
5	Analysis of statically indeterminate structures by force method: Introduction	
6	Analysis of statically indeterminate structures by force method: Trusses	
7	Analysis of statically indeterminate structures by force method: Beams	
8	Analysis of statically indeterminate structures by force method: Frames	
9	Analysis of statically indeterminate structures by slope deflection method: Introduction	
10	Analysis of statically indeterminate structures by slope deflection method: Beams	
11	Analysis of statically indeterminate structures by slope deflection method: braced Frames	
12	Analysis of statically indeterminate structures by slope deflection method: Frames with side sway	
13	Analysis of statically indeterminate structures by moment distribution method: Introduction	
14	Analysis of statically indeterminate structures by moment distribution method: Beams	
15	Analysis of statically indeterminate structures by moment distribution method: Frames	