



Laboratory Manual
Of
Structural Design and Drawing-II (SDD-II)
Department of Civil Engineering
Academic year: - 2020-21 Sem (I)
Class: -B.E.

List of Experiments

Sr.No.	Name of Experiment	Date of Completion	Sign	Remark
1	Drawing Working Plan of 2BHK Residential Building			
2	Locating Columns and Their Orientation In The Plan			
3	Drawing Centre Line Plan			
4	Drawing and Design of Second Floor Slabs			
5	Preparing Schedules of Second Floor Slab			
6	Drawing and Design of Second Floor Beams			
7	Preparing Schedules of Second Floor Beams			
8	Drawing Sections of Beams And Slabs			
9	Drawing and Design of First Floor Slabs			
10	Preparing Schedules of First Floor Slab			
11	Drawing and Design of First Floor Beams			
12	Preparing Schedules of First Floor Beams			
13	Drawing Sections of Beams And Slabs			
14	Drawing and Design of Ground Floor Slabs			
15	Preparing Schedules of Ground Floor Slab			
16	Drawing and Design of Ground Floor Beams			
17	Preparing Schedules of Ground Floor Beams			
18	Drawing Sections of Beams and Slabs			
19	Drawing and Design of Plinth Beams			
20	Preparing Schedules For Plinth Beams			
21	Drawing Section of Plinth Beams			
22	Design of Columns For Second Floor, First Floor, Ground Floor, and Below Plinth Beams			
23	Preparing Schedule of Columns			
24	Drawing Section of Columns			
25	Design of Footings			
26	Preparing Schedule of Footings			
27	Drawing Section of Footings			