

**Training Schedule for 3 months trainees**

**List of Activities**

<b>Sr. No.</b>	<b>Activities</b>
1	Learning of codes specially IS 456 , IS 800, IS 875 part 1,2,3, IS 2062, IS 1786, IS 1893, IS 13920
2	Learning of software autocad, staad, Excel, ETABS
3	Study of Input Data - Architectural drgs, Soil report
4	Workout structural system
5	Preparation of design philosophy
6	Calculations of various loads i.e. Dead Load, Live Load, Earthquake load, Wind load
7	Preparation of framing plans
8	Manual Design of Slab - S, Staircase - SC, Water tank - WT
9	Analysis and design of live project
10	Verifying design with manual calculations of beam - B, Column - C, shear wall- SW etc.
11	Finalization of foundation system & design.
12	Preparation of BOQ

**Month-wise Schedule**

	<b>First Week</b>	<b>Second week</b>	<b>Third week</b>	<b>Fourth week</b>
<b>Month 1</b>	CODE LEARNING	CODE LEARNING	CODE LEARNING	CODE LEARNING
	Structural Drawing standards & DBR Study	Structural Drawing standards & DBR Study	DBR & Framing Plan	Arch. drawings study
		SOFTWARE	SOFTWARE	DBR & Framing Plans preparation
		Arch. drawings study	Soil Report Study	SOFTWARE
<b>Month 2</b>	SOFTWARE	SOFTWARE	Structural model finalization	Steel Member design
	Structural model	Structural model Checks	Verification of results	
<b>Month 3</b>	Foundation Design	Slab & Beam design & detailing	Shear walls	Project report
	Column detailing	Shear walls	BOQ	
	Steel Member design	Connection design	Connection design	

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