

CONSTRUCTION TRAINING FIRST PHASE - 40 DAYS - THROUGH MASON				
Module No	Topics Covered	Theory Hours	Practical Hours	Total Hours Required
Module -01	Entrepreneurship and Business management	2	0	2
Module -02	Introduction to Topic	2	0	2
Module -03	Construction practices and Basic information	4	0	4
Module -04	Familiarization with drawings, set outting, central line sketches, site clearing.	6	0	6
Module -05	Foundation basement	6	12	18
Module -06	Wall Construction using cement bricks	1	12	13
Module -07	Different types Mortar preparation – wall construction – Theory	3	0	3
Module -08	Mortar preparation and wall construction – Practical	0	6	6
Module -09	Arches and lintels – Theory and practical	6	12	18
Module-10	Construction - Statutory Compliances – Theory	3	0	3
Module -11	Tender procedures – Theory	3	0	3
Module -12	Eco friendly building construction and methods – Theory	3	0	3
Module -13	Motivation and Leadership		16	16
Module -14	Labour laws - Theory	3	0	3
Module -15	Lintel Construction – Practical	0	6	6
Module -16	Concrete methods – Theory	3	0	3
Module -17	Reinforced Cement Concrete (RCC)– Theory	3	0	3
Module –18	Different types of Roofing methods - (RCC /filler slab)	3	12	15
Module -19	Electrical and piping methods	3	3	6
Module -20	Drain Construction	3	15	18

Module -21	Shuttering , Bar bending - Theory and practical	3	3	6
Module -22	Quality control – Theory	3	0	3
Module -23	Flooring – Theory and practical	3	3	6
Module -24	Painting - practical	2	15	17
Module -25	Sanitary and Plumbing works	3	12	15
Module -26	Septic tank and Soak pit construction	3	9	12
Module -27	Stone bonds – Theory and Practical	3	9	12
<b>Cement Bricks Construction</b>				
Module -28	Various types of Building Materials ( power Point Presentation)- Theory	3		3
Module -29	Details of technologies used in Manufacturing of Building Materials, Appropriate site, Machineries and Basic requirements.( power Point Presentation)	4		4
Module -30	Preparation of Concrete Mix, working of cement brick mixer machine, Cement Brick production, Stacking , Curing etc.- Theory and Practical	3	15	18
Module -31	Safety precautions	3		3
Module -32	Door frames, window frames – Concrete Mix preparation. Moulds preparations	3	15	18
<b>Ferro cement Slab Construction</b>				
Module -33	Ferrocement in construction – Theory	2		2
Module -34	Ferro cement composition and properties – Theory	2		2

Module -35	Products made using Ferro Cement – Theory and practical	6	12	18
Module -36	Training in Ferro cement articles such as slabs for shelves, kitchen cabinets, compound wall etc and tanks for rain water harvesting, waste management/ Vermi composting, fish culture etc. – Practical	6	18	24
Module -37	Money Management & Accounting	4	0	4
Module -38	Final Examination	4	0	4
	<b>TOTAL HOURS REQUIRED</b>	<b>117</b>	<b>205</b>	<b>322</b>