

Virtual Training on Construction Technology (2 weeks)		
Sl.	Topics	Description
1	Introduction	Aditya Birla Group & UltraTech-The Leader in Building Solutions-Company Profile & Briefing about all product
2	Pre construction(Phase-1)	Site selection, Planning and Designing
3	Pre-construction(Phase-2)	Budgeting/estimation and costing, permits, Documentation and Approvals
4	Material Selection	Type of cements, sands, aggregates, admixture, bricks and type of reinforcements, Water
5	Cement	Basics of Cement
6	Dos & Don't in Construction	Good Construction Practices
7	Smart Product For Faster Construction	UltraTech Building Product Division Presentation on Ready to Use Products
8	Sub Structure	Defining sub structure, Elements, Importance, Sub stages of Sub structure, Suitable time to start, challenges, Soil testing
9	Ready Mix Concrete	UltraTech RMC Basket and its advantages in Faster Construction
10	Plinth Level Structure	Defining plinth, Importance, Sub-stages of plinth, Suitable time to start, challenges
11	Super Structure	Defining superstructure, Types of superstructure, Substructure of superstructure, Suitable time to start, soil testing, challenges
12	Masonry Construction	Defining masonry construction, Elements, Importance, understanding sub-stage of masonry, Suitable time to start, challenges
13	Electrical and Plumbing	Power Supply, Electrical outlet and wiring, Surge Protector, water supply, pipe types, sewage tank, Drainage, Points to consider
14	Plaster Application	Definition, Importance, Sub-stage, Application process, Selection, Perfect time to begin
15	Water proofing	Definition, Areas to apply, Sub-stage, Importance, Suitable time to Begin, Challenges
16	Flooring and Tiling	Definition, types, Installation process, Sub-stage, Importance, Suitable time to Begin, Challenges
17	Wall Putty and Paint Application	Understanding Wall putty, Importance, Sub-stage/Phase, suitable time to start, Challenges, What is painting, Importance, Sub-stage, perfect time to begin.
18	Case Study based Project	Cost Evaluation/ Estimation of small house