

SKYY RIDER INSTITUTIONS



Course Details for Cementing Technology with Ultratech (In Association with Centurion University)

Virtual Training on Construction Technology (2 weeks)

Day-1	Induction Program	Aditya Birla Group & UltraTech-The Leader in Building Solutions-Company Profile & Briefing about all product About Sky rider and the course
Day-2	Mod-1	Introduction of various Civil Engineering structures, Functions of various components of building and other structures
Day-3	Mod-2	Fundamentals of Construction Technology: Introduction, Construction activities, construction process, construction workers, construction estimate, construction schedule
Day-4	Mod-3	Preparatory Work and Implementation: Site layout, Infrastructure development, construction methods, construction materials, deployment of construction equipment
Day-5	Mod-4	Basic testing methods on construction material as per BIS
Day-6		Dos & Don't in Construction
Day-7	Mod-5	Earthwork: Introduction, Classification of soil, project site development, setting out, mechanized excavation, ground water control.
Day-8	Mod-6	Concrete and Concreting: Introduction, Important properties of concrete, Use of admixtures, formwork, Shotcrete, lightweight and heavyweight concrete
Day-9	Mod-7	Curing of concrete, Test on hardened concrete
Day-10	Mod-8	Masonry Construction- Defining masonry construction, Elements, Importance, understanding sub-stage of masonry, water curing ,Suitable time to start, challenges
Day-11	Mod-9	Electrical and Plumbing- Power Supply, Electrical outlet and wiring, Surge Protector, water supply, pipe types, sewage tank, Drainage, Points to consider
Day-12	Mod-10	Building Maintenance and Safety Measures
Day-13	Closing Session	Online Test and Feedback about the course

Case Study based project

www.skyyrider.com