

SYLLABUS :-

Brick and Stone masonry: types of brick and their dimensions, bonds in brickwork, classification of stone masonry. Composite masonry: cement concrete (hollow and solid); hollow clay tile masonry; glass block masonry. Construction details of brick and stone arches including lintels. Timber work: simple carpentry joineries, different types of doors and windows, fixing details of frame, style, rail, panel, glazing including fixtures and fastenings. Different type of staircases including details. Typical section through a load bearing wall showing foundation, plinth, window or door sill, lintel with chajja, roof slab, cornice and parapet details etc. Roof Trusses: Timber and steel trusses, types; fixing details showing purlin, rafter, tie, strut, cleat etc. Different types of roof coverings: tiles, asbestos and metal sheets etc. with fixing details.