

HAND DRAFTING

Semester I

- Foundation
- Stone-masonry
- Brick masonry
- Composite masonry, partition and cavity walls
- Damp-proof course
- Underpinning and scaffolding

Semester II

- Ground floor
- Upper floors
- Design of upper floors
- Lintels
- Arches
- Stairs
- Doors and Windows
- Plain Cement Concrete
- R.C.C.

Semester III

- Roofs and Roof-covering
- Structural Steel Work
- Wooden Joints
- Form Work
- Fire Resisting Construction
- Plastering, Pointing, White and Colour Washing

- Paints and Varnishes
- Building Acoustics
- Sound Insulation of Buildings
- Environmental Sanitation of Buildings
- Maintenance and Repairs' of Buildings

Semester IV

- Inspection of a Building Other Estimates
- Rate analysis

- Specification For Building Works
- Valuation
- Roads
- Water Supply
- Sanitary Engineering
- Building Construction Material