

CVE304 Materials for Civil Engineering Construction (2 Unit)

Concrete Technology - Types of cements, aggregates - properties, Concrete mix.

Design, Properties and their determination. Steel Technology - Production, fabrication and properties: corrosion and its prevention. tests on steel and quality control. Timber

Technology - Types of wood, properties, defects. Stress grading, Preservation and fire protection. Timber products. Rubber, plastics; Asphalt, tar, glass, lime, bricks, etc.

Applications to buildings, Roads and Bridges.