

CONSTRUCTION TECHNIQUES

Reinforced and prestressed concrete construction - Prefabricated structures - Production of ready mixed concrete - Productivity analysis, Economics of form work, Design of Formwork and their reusability, Modular construction Practices, Fibonacci series, its handling and other reliable proportioning concepts. Modular coordination, Standardisation, system building, Lamination and Advantages of modular construction

References:

1. Allen E, Iano, J, Fundamentals of Building Construction Material and Method, John Wiley & Sons, 2011.
2. Cameron K. Andres, Ronald C. Smith, Principles and Practices of Commercial Construction, 8th Edition, Prentice Hall, 2009

TENTATIVE
Likely to be Modified