

C) PRE FABRICATION & MODULAR COORDINATION

Objectives: Aimed to focus on the study of use of pre-fabrication systems, systems developed by CBRI, basic modular planning and the proportioning system in India context.

Module-1

Introduction to system building, mechanization of production of system, building size units with special reference to India condition.

Module-2

Prefabrication; advantages, disadvantages relevance in India context, classification of prefabrication systems developed CBRI, Roorke, skeletal system, Brick panel system, R.C.Panks, non-structural elements, deviations in prefabrication.

Module-3

Introduction to modular practice, basic modular planning and component Module, modular number pattern introduction. System of proportion-introduction of various systems of publication in REM diamante and comprehensive industrialized building-introduction and application.

Hindustan housing factory. Tapsia system and other such contemporary systems in India, development of planning Module and structural Modules for various types of buildings in India.