

Master of Engineering (Civil) High Rise Building Construction

(240 Credits) (Course 8011121)

Masters of Engineering (Civil- High Rise Building Construction) program is for recent graduates who have completed their BE degrees.

It will include the following 12 subjects of 10 credits each.

This program will be delivered entirely in English .

Graduate Diploma in Engineering (180 credits)

Completion of the compulsory 6 subjects will earn Graduate Diploma in Engineering (60 credits at Masters level +120 Credits for Bachelors degree level total 180credits. Completion of two or more units can earn Graduate Certificate in Engineering.

List of Subjects (Compulsory)

- (1)BAE6011 High Rise Building Construction Project
- (2) BAE6012 High Rise Building Construction Method
- (3) BAE6013 Design of High Rise Building
- (4)BAE6014 High Rise Building Structure
- (5)BAE6015 Scheduling Building Construction
- (6)BAE6016 Fire Safety in High Rise Building

List of Subjective (Civil Engineering Subjects)

- (7) BAE650 Steel Design
- (8) BAE 643-Earthquake Resistant Structure
- (9) BAE 634-Building Construction
- (10) BAE 637-Composite Structure of Steel& Concrete
- (11) BAE 636-Building Technology Electrical Mechanical System
- (12) BAE 644-Estimating

Assessment

The candidates will need to submit the study report

Read the e Book , view the lecture videos and write 20 pages study report for each of the subjects outlined below.

- The report needs to include
- Book review- Review on each chapter of the book highlighting the key concepts, key formula, key theory & practical application concepts
- Own idea on how to apply those concepts in real practical applications.
- Examples of engineering designs that use the concepts & knowledge expressed in those books (If any)
- Your comment on each book

