

# EURO CODE - PRINCIPLES IN PRECAST CONCRETE DESIGN

## Certificate Course In

“EURO CODE-PRINCIPLES IN  
PRECAST CONCRETE DESIGN”

## VENUE:

3, Soon Lee Street  
#05-22, Pioneer Junction  
Singapore 627 606

## DATE:

Refer to Schedule

## TIME:

Refer to Schedule

## COURSE FEE:

- S\$170/-For self-Sponsored
- S\$220/-For Company sponsored

(Refreshments Provided)

## ACCREDITATIONS:

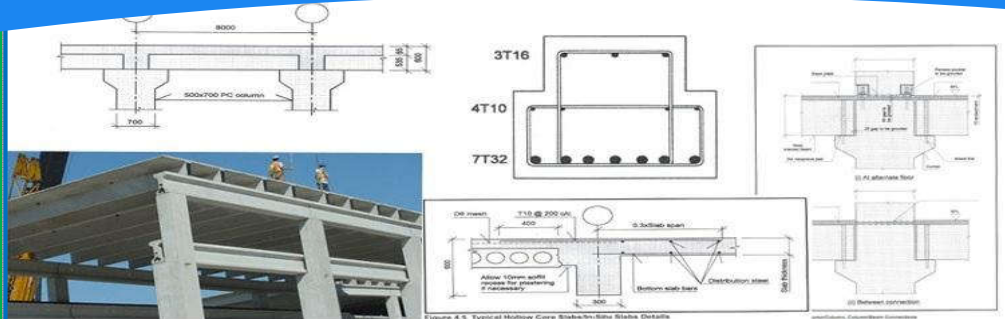
6 PDU/ 6 CET/ 6 STU  
(Structural) Points

## CONTACT

**Ms Herin**  
Mobile: 8186 3644  
Tel: 6734 4579  
Email: herin@rstar.com.sg

## **STAR ACADEMY PTE LTD**

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Singapore 627 606



## INTRODUCTION

The concepts of precast construction first envisioned during 1920s and techniques for improving its capabilities evolved over a period of time. The developers and contractors are increasingly using buildable design and Precast Concrete (PC) Design & Construction to achieve higher productivity. It is critical to pay more attention to connection and member design. It is now very crucial for countries, where there is labour shortage.

## COURSE OUTLINE

- Precast and Conventional Construction with Concrete
- Structural System and Load Paths
- Design Principles of Precast Concrete Elements
- General Design Considerations of Precast Concrete Elements
- Design Principles of Precast Element Joints
- Q& A

## TARGET AUDIENCE

- Professional Engineers (PE)/ Resident Engineers (RE)/ Resident Technical officers (RTO)/Design Engineers
- Project Managers /Site Engineers and Supervisors
- QA/QC Professionals & Ready Mixed Concrete Suppliers

## TRAINER'S PROFILE

**Dr Lai Hoke Sai** is a registered professional engineer and has more than 20 years of experience in the design, supervision and management of many commercial, institutional, residential and industrial building projects including precast concrete structures. He was the principal author of the Structural Precast Concrete Handbook which was published by the Building Control Authority of Singapore in 2001. Since 2001, Dr Lai has been actively involved in conducting workshops, lectures and design courses in precast concrete design for the Building Control Authority of Singapore for practicing professionals.



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