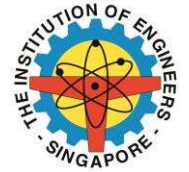
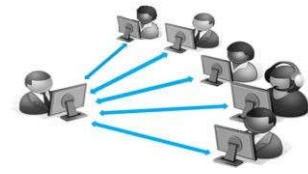


Next Generation Eurocode 7: Geotechnical Design and Execution for Engineers & Supervisory Personnel 1st Run (Virtual Classroom)



**** This course is NOT UTAP Supported**

**** This course is NOT SFC Funded**

Course Outline

- Overview of changes in the next generation Eurocode 7
- Basis of geotechnical design
- Ensuring reliability in the new Eurocode 7
- Measures in design and execution
- Implementation of design
- Requirements of validation
- Supervision and monitoring

Eurocode 1997 has been implemented for structural plans submission in compliance of Building Regulations since 2013. With the BSI publication in 2023 of the new head Eurocode 1990, now titled 'Basis of Structural and Geotechnical Design', the publication of the next generation Eurocode 7 which comprises three parts is imminent.

This course will provide participants an understanding and what to expect in the next generation of Eurocode 7, and in ensuring geotechnical reliability in design and execution. It will cover the implementation of design and supervision of the process including the requirements of validation, inspection and monitoring gleaned from the current final drafts. The course will include how these relate to geotechnical structures like retaining structures for deep excavation.

The course is useful and relevant to developers, builders, site supervisors, professional engineers, Resident Engineers, Resident Technical Officers, and those practitioners who are involved in the design, supervision and construction of building, civil and geotechnical engineering projects

Details

Date : 17 & 18 Mar 2025, Mon & Tue

Time : 2.00pm to 5.15pm

Duration: 6 Hours

Delivery Mode: Zoom Webinar

CPD:

6 STU(Structural) - To Be Confirmed

6 PDU(PE) - To Be Confirmed

6 PDU (CEng) - To Be Confirmed

Course Fee (Include GST)

IES Member: \$228.90 nett

Non-member: \$272.50 nett

E-certificate of Attendance will be awarded to participants who have completed the course survey and assessment.

Target Audience

- Developers
- Builders
- Resident Engineer & Resident Technical Officer

IES Academy@Jurong East

80 Jurong East Street 21, #04-10
Devan Nair Institute for Employment and
Employability Singapore 609607

Contact Person: Karen Phua
DID: 6461 1239 Main Line: 6463 9211
E-mail: karen@iesnet.org.sg

Profile of Speaker

Er. Yang Kin Seng was a former Director with the Building and Construction Authority, regulating and overseeing the safety of buildings and geotechnical building works under construction in Singapore, and headed the Singapore Geological Office. Er. Yang has also served with the now-defunct Public Works Department as Assistant Chief Civil Engineer, Head (Roads, Planning and Design) and Head of Geotechnical Engineering, Site Investigation, Instrumentation and Laboratories. His involvement in civil, building and infrastructural projects ranges from roads, flyovers, bridges and expressways, including Changi Airport development, construction of schools and CTE tunnels, to parks and government buildings, as well as overseas projects in China and Brunei. He was the Chief Project Manager (Singapore) for the Singapore-Malaysia Second Crossing. He has published more than 40 papers in International conferences and seminars, and peer-reviewed journals. Er. Yang was awarded Public Administration Medal (Silver) in 1998.

Er. Yang was a Colombo Plan Scholar, and graduated with BEng (First Class Hons) in Civil Engineering from University of Melbourne and a recipient of Trinity College Scholarship, CWN Sexton Scholarship, AJ Francis Prize and an Exhibition Prize. Er. Yang was also a Commonwealth Scholar, and obtained MSc (Distinction) in Soil Mechanics and Engineering Seismology and awarded the Soil Mechanics Prize from Imperial College London. He also obtained MSc (Civil Eng) from NUS, and LLB (Hons) from University of London.

Er. Yang co-chaired the SPRING (Singapore) Eurocodes Review Advisory Committee, and the Technical Committee on Civil and Geotechnical Works. He is a Professional Engineer and a Specialist Professional Engineer registered with the Professional Engineers' Board, and a Specialist Accredited Checker whilst in Building and Construction Authority. Er. Yang has been conducting many courses for industry practitioners at the BCA Academy since 2007, as well as for IES, ACES and corporates.

Pre-requisites for Zoom session

Prior to attending this course, you should:

- Have a PC / laptop / tablet / smart phone with built-in or external webcam.
- Installed the Zoom client.
- Have Wi-Fi / high speed internet connection available.
- Receive an email with a link for you to submit a registration for webinar 1 week prior to the commencement.
- Receive an email with a link and password for you to join the webinar session after your registration is successful.

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Please register online/email the completed form by **10 March 2025 before 3 pm** to:

Contact Person: Karen Phua

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and Employability Singapore 609607

Tel: 6463 9211 Email address: karen@iesnet.org.sg

*Name : _____ *NRIC : _____
(Please written in BLOCK Letter)

Company : _____ *Designation _____

*Address 1 : _____

* Contact No. : _____ Gender : _____ Male / Female

*Your Email : _____

(For sending of confirmation email, preferable personal unless company sponsored)

Please indicate: IES Members IES M'ship No. _____ P.E. No.: _____ if applicable)

Non-members Sponsored by company

Contact Person Details (if different from participant)


Name: _____ Designation: _____

Tel: _____ Email: _____

Payment Details

Payment via bank transfer or PayNow. All Fees are inclusive of 9% GST.

We no longer accept cheque

Beneficiary: IES Academy Pte Ltd Bank: United Overseas Bank SWIFT: UOVBSGSG Bank Code: 7375 Branch Code: 016 Bank Account number: 339-326-153-4	PayNow: IES Academy Pte Ltd UEN:202026912H 
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Acceptance of Terms and Conditions for Registrations of IES Academy's Events

I agree to abide by the Terms and Conditions for Registration of IES Academy's Events.

Name: _____

Signature: _____

TERMS & CONDITIONS COURSE REGISTRATION

Registration

Any registration, whether on-line or fax will be on a ***first-come-first-served basis*** and will only be confirmed upon receipt of full payment by **IES Academy Pte Ltd** unless otherwise invoice to company.

All registrations must be submitted with duly completed registration form.

Closing Date

The closing date of the event will be 1 week prior to event commencement date or earlier.

Confirmation of Registration

Confirmation of registration will be given at least 1 week before the commencement date via email. ***If you do not receive the said confirmation email, you are required to contact IESA at 6463 9211 during office hours.***

IESA reserves the right to allow only confirmed registrants to attend the Event.

Withdrawals/Refunds of Fees

Written notice at least 1 week in advance before the commencement of the event

Full course fee shall be refunded subjected to 4.5% transaction charge.

➤ **NO** refund otherwise.

No show of participant would not be accepted as a valid reason for withdrawal/refund.

One-time replacement is allowed only if written notice is received by us at least 1 week before the commencement of the event. However, when an IES member is replaced by a non-member, the participant has to pay the difference in the relevant fees.

Cancellation/Postponement

Changes in Venue, Dates, Time and Speakers for the Events can occur due to unforeseen circumstances. IES reserves the full rights to cancel or postpone the Event under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact person of any cancellation or postponement.

Fees will be refunded in FULL if any Event is cancelled by IESA.

UTAP (Union Training Assistance Programme) is an individual skill upgrading account especially for NTUC members. As a member, you enjoy UTAP funding at 50% of the unfunded course fee capped at \$250 every year. Please visit [HERE](#) for more information on UTAP claim.

PERSONAL DATA PROTECTION ACT

I consent to the processing by Institution of Engineers, Singapore of personal data, including sensitive personal data as defined in the Data Protection Act 2014, about me for the proper purposes of Institution of Engineers, Singapore (IES). I undertake to observe the provisions of the Data Protection Act 2014 in relation to any personal data I may myself hold and process as a Members of Institution of Engineers, Singapore, and I agree to indemnify Institution of Engineers, Singapore from liability for any claims or damages that may arise from the processing of this data. For more information kindly refer to [here](#).

Enquiries

For further enquiries, please contact IESA general office at Tel: 6463 9211.