Institution of Engineers, Singapore 28 Nov 2016 to 28 Nov 2016

Half Day Seminar on Construction Fixing Systems by Seismic Expert from CSTB (France)

The half day seminar will touch on topics related to construction fixings certifications essential to Singapore. Covered under the programme will be knowledge on Seismic Resistance in international standards and their approval processes, Post-Installed Rebar Epoxy Resin Bonded Anchors and their testing, followed by Corrosion Of Fasteners and how they are utilised and applied and Brief on Anchoring Technology and into EASYFIX Pro Design Software which enables the user to have a simplified and fast anchor selection process for specialised constructions as well as a Q&A segment for the attendees to interact with the experts.

Venue
Devan Nair Institute, 80 Jurong East St 21 S(609607)
Date and Time
28 Nov 2016 to 28 Nov 2016
0900 to 1300
9.00am to 1.00pm
28 November 2016 (Monday)
Contact Details
Contact Person: Florence Lee
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Phone: 6460 4248
Fax: 65636030

Institution of Engineers, Singapore 29 Nov 2016 to 29 Nov 2016

Workshop on Eurocode in Geotechnical Engineering (2)

With the transition from British Standards to the Eurocode in geotechnical engineering, what has changed in ground investigation, soil testing and design of deep foundation in Singapore? This half-day workshop aims to provide an overview of the key aspects of the Eurocode to the practice in geotechnical engineering, particularly in ground investigation and design of deep foundation.

Venue
IES Academy@Jurong East, 80 Jurong East Street 21, #04-10 Singapore 609607
Date and Time
29 Nov 2016 to 29 Nov 2016
1400 to 1700
2.00pm to 5.00pm (Registration start at 1.00pm)
29 November 2016
Contact Details
Contact Person: Yue Kok Sun
Email: koksun@iesnet.org.sg
Phone: 64611255
Fax: 64691108

Institution of Engineers, Singapore 6 Dec 2016 to 6 Dec 2016

An Overall View of Procurement of Construction Project by Awarding a Design-and-build Contract and its Common Pitfalls

For some years, major players of the construction industry and government agencies in Singapore having interest in construction projects had been promoting and even taking a lead in procuring construction projects by awarding design-and-build contracts in lieu of by first hiring professional consultants to prepare project designs and then awarding a construction-only contracts to contractors. The speaker of this short course believes that the aforesaid organizations did so possibly because; they had suffered enough in the past,
especially financially, the costly consequences of their professional consultants unduly delaying the supply of necessary information to contractors to enable the latter to carry out construction works as pre-scheduled and without uncalled-for interruption and delay. Hence, they turned to hiring a single entity to design as well as construct their projects or awarding design-and-build contracts for project delivery. It is unfortunate that many of them did so without fully realizing and appreciating the pros and cons and the primary objectives intended to be achieved for doing so. They simply jump on the bandwagon or just follow the crowd. The worst is that some even believe that awarding design-and-contract is a be-all and end-all vehicle of delivering construction projects. They also prefer to shut their eyes to many problems that could often arise when doing so. It has been proven such intended ignorance had cost the construction industry dearly. It is therefore felt that in order to enable contracting parties to enjoy the true benefits of project delivery by awarding a design-and-build contract as well as to overturn the common pitfalls thereof, a better understanding thereof should be established, and the pros and cons of doing so should be thoroughly recognized and appreciated. This course is conducted with the view to achieve the aforesaid objective.

### Institution of Engineers, Singapore

**Venue**
IES Academy@Jurong East, Devan Nair Institute For Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607

**Date and Time**
6 Dec 2016 to 6 Dec 2016
0900 to1700
9am-5pm
6 December 2016

**Contact Details**
Contact Person: Christine Lau
Email: christine.lau@iesnet.org.sg
Phone: 6461 1248
Fax: 6463 9468

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**Formwork Design and Safety with Code of Practice SS580:2012**

Formwork structures have always been a highly hazardous item in the construction industry. Recent failures of formworks in Singapore have raised considerable alarm in the industry, the government and the public. This one-day course on formwork design and safety to revised standards and EuroCode aims to address this critical concern, not only of the authorities but also of builders, contractors, and developers, by accomplishing the following: Provide background to this critical topic in workplace safety Review a number of failures of formworks in Singapore and abroad to convey understanding of causes Discuss techniques to identify and evaluate the hazards, and manage the risks Provide useful information on revised standards in this area Describe significant parts of the new Code of Practice for Formwork SS580:2012 to facilitate its use by designers and contractors The focus will be on basic concepts and procedures currently in use for formwork in the construction industry. In addition, the critical aspects of formwork design with the recently increased factor of safety will be covered. Objectives will include identification of principal contributory factors to formwork failures and their underlying root causes, and discussing how the new Code can eliminate or alleviate the problems.

### Institution of Engineers, Singapore

**Venue**
IES Academy@Jurong East, Devan Nair Institute For Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607 (Near Jurong East MRT)

**Date and Time**
13 Dec 2016 to 13 Dec 2016
0900 to1630
9am-4.30pm
13 December 2016

**Contact Details**
Contact Person: Christine Lau
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Fax: 6563 6030

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**Design for Safety Appreciation Course**

The Design Phase is the earliest opportunity to incorporate Safety into a construction project. Just as productivity can be enhanced with early planning, so is the greatest impact for safety. Designing for safety starts at the conceptual and planning phases of a project with collective and conscious decisions by stakeholders about the design, methods of construction and later demolition, and also the materials used which enhance the safety of the building or structure. In 2008, WSH Council launched the Guidelines on Design for Safety in Buildings and Structures, followed by the DIS Coordinator Course in 2010. In addition to building DIS capabilities of stakeholders, WSH Council has developed the DIS Recognition Scheme which was launched in 2011. Consisting of the DIS Mark and DIS Award, the Scheme aims to recognise competent and outstanding projects that have addressed risk through design and hence ensure safe & timely completion of the project.

### Institution of Engineers, Singapore

**Venue**
IES Academy@Jurong East, Devan Nair Institute For Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607 (Near Jurong East MRT)

**Date and Time**
16 Dec 2016 to 16 Dec 2016
0900 to1800
9am-6pm
16 December 2016

**Contact Details**
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