Institution of Engineers, Singapore 8 Feb 2018 to 8 Feb 2018

REINFORCED CONCRETE STRUCTURE TO EC2

This one-day course covers the detailed design of reinforced concrete structural elements to Eurocode 2 (EC2). The emphasis is on buildings that are constructed in situ, braced by structural walls and are non-sway.

Venue | Date and Time | Contact Details
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IES Academy@ Jurong East 80 | 8 Feb 2018 to 8 Feb 2018 0900 to 1715 | Contact Person: Lee Woon (Ms)
Jurong East St 21 #04-10 Devan |  | Email: hon.lw@iesnet.org.sg
Nair Institute Singapore 609607 | 9.00am - 5.15pm 8 Feb 2018, Thu | Phone: 64611250/64639211

Institution of Engineers, Singapore 12 Feb 2018 to 12 Feb 2018

Noise Pollution and Vector-Borne Diseases as Environmental Health Concerns from Construction Sites (1st Run)

The construction industry is important to Singapore's economic growth, contributing nearly 5% of GDP in 2015. During construction, however, projects could pose a significant risk to environmental health, potentially causing noise pollution or the spread of infectious vector-borne diseases such as dengue and malaria. Construction practices that inadequately address these issues can have damaging implications, such as adversely affecting the health and well-being of workers on-site and neighbouring communities. A balance between operational and environmental concerns is therefore crucial to ensure that timely completion of projects does not come at the cost of endangering our health and environment. The scope of this course will cover foundational concepts relating to noise and vector-borne diseases, as well as key sources and health impacts relating to noise pollution and vector-borne diseases from construction sites. Management and control measures to address these concerns will also be discussed.

Venue | Date and Time | Contact Details
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IES Academy@ Jurong East 80 | 12 Feb 2018 to 12 Feb 2018 1815 to 2130 | Contact Person: Lee Woon (Ms)
Jurong East St 21 #04-10 Devan | 6.15pm - 9.30pm 12 Feb 2018, Monday | Email: hon.lw@iesnet.org.sg
Nair Institute Singapore 609607 |  | Phone: 64611250/64639211

Institution of Engineers, Singapore 21 Feb 2018 to 21 Feb 2018

Management Of Risks Occurring In The Course Of Comprehensive Delivery of a Construction Project Singapore Experience (1st Run)

The objective of this short course is to identify and waken players of the industry to as many as practically possible risks occurring in the course of comprehensive delivery of a construction project and suggest ways to avoid, mitigate, eliminate or overcome such risks.

Venue | Date and Time | Contact Details
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Good Reinforcement Practices 1 & 2 13th Run

The course covers the basic principles to handling and treatment of reinforcement and starter bars on site to prevent future corrosion problems. It also shares the salient issues when considering alternative protection of reinforcement under extremely harsh environment. It is useful for the Resident Engineer (RE) and Resident Technical Officer (RTO) to have knowledge of proper handling and treatment of reinforcement on site and understand the possible issues when considering other ways to protect reinforcement against future corrosion.

**Venue**
IES Academy@Jurong East

**Date and Time**
26 Feb 2018 to 26 Feb 2018
1500 to 2200
3pm - 10pm
26 February 2018

**Contact Details**
Contact Person: Florence Lee
Email: florence.lee@iesnet.org.sg
Phone: 64604248
Fax: 

Fundamental Concepts for Construction Site Safety (Part 2) 1st Run

Safety in construction sites is of paramount importance not only to protect oneself but also to ensure safety for fellow site personnel on site. This programme is for stakeholders in construction projects (Resident Engineers, Resident Technical Officers, Site Supervisors etc) and it discusses essential concepts for construction safety of the various site operations commonly executed in a construction project. It also explains hazard identification and control for daily site activities. Participants will be able to supervise and/or carry out daily site operations with a focus on safety. They are able to identify hazards related to various site activities and take steps to control risks arising from such hazards.

**Venue**
IES Academy@Jurong East

**Date and Time**
28 Feb 2018 to 28 Feb 2018
1830 to 2130
6.30pm - 9.30pm
28 February 2018

**Contact Details**
Contact Person: Florence Lee
Email: florence.lee@iesnet.org.sg
Phone: 64604248
Fax: 

ACES Seminar 8 March 2018 INNOVATIONS, CHALLENGES AND REGULATORY DEVELOPMENT 2018

INTRODUCTION
As Consultants, we are facing daily challenges of regulatory changes, keeping in pace with technology advancement, continual effort to improve efficiency in our works and ensuring core competency is always maintained as well as continual progression in learning from engineering challenges faced in the industry. ACES as a representative of practitioners is always looking for ways to keep our members well informed of the industry practices, advancements and changes via these seminars to meet the challenges above. OBJECTIVES
Our target audience are Professional Engineers & Practitioners (QPDs QPSs), Engineers, RE/RTOs and Builders in the industry. The focus of this seminar is to provide a platform for sharing of innovative experience in line with productivity; share challenges in underground / infrastructure projects; and updates of regulatory requirements. In order to achieve this objective for the better of the industry, there will be speakers from Government Agencies, Consultants and Contractors to share the insights and experiences with the audiences.

**Venue**
Balestier Ballroom, Level 2
Ramada Hotel Singapore Zhongshan Park, 16 Ah Hood Road, Singapore 329982

**Date and Time**
8 Mar 2018 to 8 Mar 2018
0830 to 1745
8.30 am to 5.45 pm
8 March 2018 (Thu)

**Contact Details**
Contact Person: Lilian Lean
Email: secretariat@aces.org.sg
Phone: 6659 5023
Fax: 6659 2093

Half Day Course on Professional Conduct and Ethics for Practicing Engineers

The objective of this seminar is to explain the background and provisions in the Professional Engineers (Code of Professional Conduct and Ethics) Rules. It will also explain the provisions and the procedure in the Professional Engineers Act on actions against Professional Engineers who contravened the Rules. The speaker will share with participants on examples of past disciplinary cases against professional engineers. This course may also be useful for Civil, Electrical and Mechanical Engineers going for Practice of Professional Engineering
Examination conducted by Professional Engineers Board Singapore.

Venue | Date and Time | Contact Details
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IES Academy@Jurong East | 9 Mar 2018 to 9 Mar 2018 1300 to1730 1.00pm - 5.30pm 09 March 2018 (Friday) | Contact Person: Florence Lee Email: florence.lee@iesnet.org.sg Phone: 64604248

Institution of Engineers, Singapore 21 Mar 2018 to 21 Mar 2018

**TREND IN ASSET MANAGEMENT OF INFRASTRUCTURAL AND PHYSICAL ASSET**

Modern Asset Management (AM) system for infrastructure and physical asset, which requires a framework and compliance with relevant international standard such as ISO 55000. The challenges when the asset owners are trying to translating it this into a proper AM system enabling prioritization for appropriate strategy and action plan to improve the entire quality of AM relevant process. This evening talk presents how to improve the technical quality of the process including the trend in AM such as Asset Health and Risk index methodologies in the electrical utility content.

Venue | Date and Time | Contact Details
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IES Auditorium, 70 Bukit Tinggi Road | 21 Mar 2018 to 21 Mar 2018 1815 to2115 | Contact Person: Ms Shelly Ng Email: shelly.ng@iesnet.org.sg Phone: 64611222

Institution of Engineers, Singapore 18 Apr 2018 to 25 Apr 2018

**5-Day Course for Appointed Person - Lifting Operations 5th Run**

As the Singapore Government pushes for higher productivity in various sectors, more and more cranes will be deployed at various work places. Use of cranes at site involves many people from various organisations, such as the crane manufacturer, site occupier, crane contractor, and various sub-contractors that use the cranes. According to the latest Singapore Standard on Safe Use of Tower Cranes SS 559:2010, it is crucial that one person be appointed to have overall control of the cranes. This appointed person shall be notified formally in writing of their appointment. This course is aimed at anyone who is required to plan safe systems of work, using lifting equipment and intends to take up this position as an appointed person. It is recommended that prior to attending this course, individuals should have some experience of working with lifting equipment, especially mobile cranes and tower cranes.

Venue | Date and Time | Contact Details
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IES Academy @ Jurong East & BCA Academy @ Braddell | 18 Apr 2018 to 25 Apr 2018 0830 to1730 Please refer to course flyer 18 April - 25 April 2018 | Contact Person: Florence Lee Email: florence.lee@iesnet.org.sg Phone: 64604248

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