**Institution of Engineers, Singapore**  
15 Sep 2017 to 15 Sep 2017  

**One Day course on Infrastructure Planning for Township/Large-scale Housing Developments**

Importance of infrastructural provisions in support of township/ large-scale housing developments:

In any large-scale public or private housing developments, physical infrastructure such as earthworks, roads, drains, sewers and utilities, are critically needed not only to enable the physical development of but also support modern community living in the new housing estates. In fact, no development can function properly and effectively without the timely provision of adequate infrastructural facilities and public utilities. Comprehensive and well-coordinated Infrastructure planning is a prerequisite in developing a new town or housing estate and is carried out in tandem with the master town planning and well in advance of any physical developments. It serves to establish the full infrastructure requirements and guide their timely implementation thereby ensuring quality, efficiency and cost-effectiveness in the infrastructure provisions for the proposed development.

<table>
<thead>
<tr>
<th>Venue</th>
<th>Date and Time</th>
<th>Contact Details</th>
</tr>
</thead>
</table>
| IES Academy@Jurong East, Devan Nair Institute For Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607 (Near Jurong East MRT) | 15 Sep 2017 to 15 Sep 2017 0900 to 1700 9am-5pm 15 September 2017 | Contact Person: Christine Lau  
Email: christine.lau@iesnet.org.sg  
Phone: 6461 1248  
Fax: 6563 6030 |

**Institution of Engineers, Singapore**  
21 Sep 2017 to 27 Sep 2017  

**5-Day Course for Appointed Person - Lifting Operations 4th 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. Target Audience: Managers, engineers and safety officers involve in site planning of safe systems of work, crane selection, project management, installation, commissioning, specification and consultancy of cranes at various jobsite, such as construction, shipyard, ship repairing, A&A, Oil & Gas, etc.

<table>
<thead>
<tr>
<th>Venue</th>
<th>Date and Time</th>
<th>Contact Details</th>
</tr>
</thead>
</table>
| IES Academy@Jurong East & BCA Academy@Braddell | 21 Sep 2017 to 27 Sep 2017 1330 to 1800 | Contact Person: Florence Lee  
Email: florence.lee@iesnet.org.sg  
Phone: 6460 4248 |
Good Reinforcement Practices 1 & 2 - 12th 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  
28 Sep 2017 to 28 Sep 2017  
1500 to 2200  
3.00pm to 10.00pm  
19 Sept 2017, Tuesday

Contact Details  
Contact Person: Florence Lee  
Email: florence.lee@iesnet.org.sg  
Phone: 6460 4248  
Fax:

Increasing Productivity: New Developments in Construction Methods & Materials - 4th Run

Introduction: Development projects are increasingly demanding as the clients becomes more sophisticated and requires their project to be built with better productivity and sustainability. At the same time, over the years there has been a gradual accumulation of practical experience around the world on specific methods of construction like prefabricated-prefinished volumetric construction (PPVC) and materials like self-compacting concrete (SCC) and cross laminated timber (CLT). These materials and method of construction may be considered as a means to achieve sustainability and improve productivity under the right conditions. Stakeholders (Designers, Resident Engineers, Resident Technical Officers, Site Supervisors, etc) would need to have some understanding of how these materials and method can be used as they might be handling projects involving them.

Venue  
IES Academy@Jurong East

Date and Time  
10 Oct 2017 to 10 Oct 2017  
1500 to 2200  
3pm - 10pm  
10 October 2017

Contact Details  
Contact Person: Florence Lee  
Email: florence.lee@iesnet.org.sg  
Phone: 6460 4248  
Fax:

Safety & Risk Management Systems for Construction Site Safety - 15th Run

Introduction: Safety in construction site is of paramount importance not only to protect oneself but also to ensure safety for fellow personnel on site. This programme is for stakeholders in construction projects (Resident Engineers, Resident Technical Officers, Site Supervisors, etc) and it explains the concept related to risk management & control which can be applied to activities on construction site. The programme also discusses safety management systems and safely audits and how to report and investigate accidents related to site activities.

Venue  
IES Academy@Jurong East

Date and Time  
24 Oct 2017 to 24 Oct 2017  
1800 to 2200  
6.00pm to 10.00pm  
24 October 2017

Contact Details  
Contact Person: Florence Lee  
Email: florence.lee@iesnet.org.sg  
Phone: 6460 4248  
Fax:

FIRE SAFETY ASIA CONFERENCE SINGAPORE 2017

In tandem with the rapid economic and population growth in Asia, the issue of fire safety has framed the concerns and policies of government officials and fire professionals, for decades. Independently, Asian governments have formulated codes and guidelines that have promoted and provided fire safety requirements in homes and public places. In order to discuss and share best practices in Asian fire safety industry, the Singapore Civil Defence Force (SCDF) and the National Fire and Civil Emergency Preparedness Council (NFEC) are once again jointly presenting the second Fire Safety Asia Conference (FiSAC) 2017 to be held from 15th - 17th November 2017. Covered within the three days are a two-day conference, and a full-day workshop. This comprehensive event will feature fire safety experts and professionals, as well as government agencies and authorities, who will share their experiences and solutions in preventing or containing outbreaks of fire in commercial, industrial and residential areas. Themed New Frontiers in Fire Safety & Emergency Response, this presentation of FiSAC 2017 is designed for all fire safety experts and professionals. Do make a date to attend!
<table>
<thead>
<tr>
<th>Venue</th>
<th>Date and Time</th>
<th>Contact Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARKROYAL On Beach Road</td>
<td>15 Nov 2017 to 17 Nov 2017 09:00 to 17:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 Nov 2017 (Wed) 09:00am - 05:30pm</td>
<td>Contact Person: Alaric Tan</td>
</tr>
<tr>
<td></td>
<td>16 Nov 2017 (Thur) 09:00am to 04:20 pm</td>
<td>Email: <a href="mailto:alaric@cems.com.sg">alaric@cems.com.sg</a></td>
</tr>
<tr>
<td></td>
<td>17 Nov 2017 (Fri) 09:00am to 05:00 pm</td>
<td>Phone: 9691 6550</td>
</tr>
<tr>
<td></td>
<td>Fire Safety Engineering Workshop</td>
<td>Fax: +65 6278 4077</td>
</tr>
<tr>
<td></td>
<td>The Nuts &amp; Bolts of Good Pre-Fire</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planning 16 &amp; 17 Nov 2017 (Thur &amp; Fri)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FIRE SAFETY ASIA CONFERENCE SINGAPORE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2017.</td>
<td></td>
</tr>
</tbody>
</table>

You can unsubscribe from the CORENET newsletter via this unsubscribe link.