



# Multidisciplinary Seminar

## on Saturday the 28<sup>th</sup> December, 2019

at IEP Convention Center, 5<sup>th</sup> Floor, IEP Building, Shahrah-e-Faisal  
Opp: Hotel Regent Plaza, Karachi



Jointly Organized by:

**The Institution of Engineers Pakistan, Karachi Centre  
& NED International Alumni Network Association**

### Speakers Profile



Engr. Anwar Khan is the President and Founder of OBAT Helpers Inc. is going to give an Introduction to the Baldrige Excellence Framework, the purpose of the Baldrige Excellence Framework is simply to help your organization improve no matter its size, sector, or industry. For 30 years, organizations around the world have used the Baldrige Excellence Framework and its Criteria for Performance Excellence to improve and get sustainable results.



Engr. Dr. Nadir Mazhar, is the CEO, Em-Power Consulting & Training, Australia is giving a talk about Learning Lessons from Australian Road Traffic practices, smart signals, traffic management plans and related issues. Learning lessons from Australian scenario, and applying those in Pakistani scenario, where applicable - to achieve business process improvement.



Engr. Abul Islam, President AI Engineers will address need of adaptation of Technology in construction industry to address the changing requirements of customer and challenging disruptions in business environment. Engr. Islam will comment over construction business potential with the 21st Century Management Concept and Technological Support of Building Information Models (BIM)/3-Dimensional (3D) Modeling combined with UAS collected data / GIS Mapping, Terrestrial Laser Scanning (TLS), Wireless Structural Health Monitoring, Augmented Reality (AR)/Virtual Reality (VR), and Artificial Intelligence/Machine Learning. "Adaptation of Technology in construction industry with the 21st Century Management Concept



Engr. M. Khawar Anwar is currently President of All American Mechanical Components and Gears, Inc. & Vice Chairman of AGMA (American Gear Manufacturers Association) Fine Pitch Gear Committee; All American Mechanical Components and Gears, Inc. has over twenty years of design and manufacturing experience for gears and gear assemblies, which will be a valuable resource for your engineering department. Engr. M. Khawar will give presentation on Precision Gear and Gear Assembly Design and Manufacturing for Advance Applications. These application includes but not limited to expertise has a vast range that aerospace scientific robotics instruments, medical diagnostics, dental surgical semiconductor etc.

**Time: 9:00 AM TO 2:10 PM**



Engr. Dr. Mansoor Ali is an international development specialist with more than 32 years of experience in program development, teaching, research and practice in water, sanitation, hygiene and solid waste management in emergencies and development. He is going to talk about Engineering for the Resource Poor; Lessons from International Experience. In this he will share the importance of working for the poorest, motivation to do this, challenges of working in remote locations, emergencies and war zones and approaches which could work and deliver results.



Engr. Akram Azam is the head of Civil & Offshore Structure Engineer at Brunei Shell Petroleum which has over 220 offshore platforms and large onshore infrastructure facilities setup. He has won about 40 Awards on excellence in the projects. He will present a case study on a challenging offshore platform installation. The case which needed design, fabrication and installation to be done within 6 months and required a low cost minimum structure conductor support platform.



Engr. Tariq M. Bashir has 27 years of experience in design, inspection and construction of highway bridges and right now serving as Regional Structures Engineer at New York Department of Transportation. He will discuss about the various applications of ultra-high performance concrete aimed at enhancing durability, lengthening the design life and achieving accelerated construction.



Participants will receive 0.5 PEC credit point, (subject to the approval of PEC).  
Kindly fill in the registration form and send the scan copy through  
email at: [iepkc1948@gmail.com](mailto:iepkc1948@gmail.com), [main@iepkarachi.org.pk](mailto:main@iepkarachi.org.pk) or through  
WhatsApp: 0311-2277721 to IEP Karachi Centre on or before  
26 December, 2019.

**Registration Fee:** Free for IEP Members  
Non IEP Members 1000/= and Students Rs. 500/=

**For Further Information please Contact:**

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