

7TH INTERNATIONAL CIVIL ENGINEERING CONGRESS



ICEC-2015

12 – 13 June 2015, Karachi, Pakistan

***Sustainable Development through
Advancements in Civil Engineering***

Jointly Organized by



The Institution of Engineers Pakistan (IEP)
Karachi Centre

NED University of Engineering & Technology

Endorsed by



Federation of Engineering Institutions of
Islamic Countries (FEIIC)



Federation of Engineering Institutions of
South & Central Asia (FEISCA)

The Institution Of Engineers Pakistan

The Institution of Engineers Pakistan (IEP) was established in 1948. It is the premier national body of engineers working for the advancement of the Engineering Profession. It has headquarters at Lahore and centres in all major cities of Pakistan as well as in Riyadh, Saudi Arabia & Bahrain. IEP has signed technical collaboration agreements with more than forty professional Engineering Organizations across the globe. IEP is also the member of six international / regional engineering bodies and has the honour to represent Pakistan at these forums. IEP Karachi Centre is the biggest center of IEP. IEP Karachi Centre has been organizing International Civil Engineering Congresses since 2000. Since then it has organized 5 more, the last being in 2013. Seventh International Civil Engineering Congress will be a 2 days event, spread over an inaugural and six technical sessions on the 12 and 13 June 2015. This congress will be jointly organized by IEP Karachi Centre and NED University of Engineering and Technology, Karachi (Civil Engineering Faculty).

NED University of Engineering & Technology

NED University is one of the oldest engineering institutions in Pakistan. It offers Bachelors, Masters and Doctoral degree programs. The programs are aimed at preparing students to shoulder their professional responsibilities and enable them to contribute in research and development in related fields. Various seminars and conferences are held every year which not only provide practical exposure to students but also a platform for academia-industry collaboration.

Sustainable Development through Advancements in Civil Engineering

Pakistan is among the developing countries which unfortunately face challenges like insufficient infrastructure, energy crisis, pollution, among traffic congestion among others. Construction projects initiated serve as the catalyst to the economic prosperity of any country by providing jobs and infrastructure to fulfill basic needs of shelter health and education. Like many other industries in Pakistan, this sector has also been lacking the use of state-of-the-art technologies. This situation has led to poor quality construction and increased maintenance costs. This conference provides an opportunity to the professionals, and academicians of civil engineering to share their knowledge and experience. It is expected that such collaboration will lead to improvement in the current industry practices leading to sustained development for the community.

Conference Tracks

The conference encompasses all areas of civil engineering, including the following:
Structural Engineering, Construction Project Management, Earthquake Engineering & Design, Transportation Planning, Traffic Simulation and Modeling, Disaster Management, Geotechnical Engineering, Water Resources, and Environmental Engineering

BIM Workshop (Pre-Conference Workshop)

A Pre-Congress workshop on Building Information Modeling (BIM) will be conducted on Thursday, June 11, 2015 from 3:00 PM to 6:00 PM at IEP Karachi Center. The workshop will cover fundamental aspects of use of BIM in Civil Engineering in general, and particularly in Construction Project Management. This event is planned for limited number of participants, it will require separate registration as well a minimal registration fee i.e. Rs. 1500/-. The workshop duration will be 3-hrs and at the participants will be provided with participation certificate as well as CPD points. Registration could be done till for registration form and further details on the workshop contact:

Dr. Farrukh Arif, (farrukharif@gmail.com)

CMRG Session

Session on advancements in construction materials research: This session is held with the aim to provide a platform for sharing knowledge of construction materials. It is also expected that this session will help the industry professionals to explore new avenues for advancements and innovation in construction materials. This session will be held in collaboration with construction materials research group (CMRG), NED University. Contact:

Salman H. Siddiqui (shsiddiqui@neduet.edu.pk)

Infrastructure Engineering Session

Session on infrastructure engineering: This session will be aimed at reviewing the current practices and research. It is expected that it will be helpful for urban planners and administrators. This session is held in collaboration with Urban & Infrastructure Engineering Department, NED University

Dr. Uneb Gazder (unebgazdar@gmail.com)

Keynote Speaker

Murtaza Haider, Ph.D: Associate dean of research and graduate programs at the Ted Rogers School of Management, Ryerson University, in Toronto, Canada. He is also the Director of the Institute of Housing & Mobility.

Deadlines and Registrations

Important Deadline

Abstract Submission	20th April 2015
Abstract Acceptance	30th April 2015
Full Paper Submission	14th May 2015
Full Paper Acceptance	25th May 2015
Final Manuscript/	31st May 2015

Registration Fee

Authors / Presenters	Gratis
Students / Scholars / IEP Members	PKR 500 or USD 5
General audience participation fee	PKR 2000 OR USD 20

All participants will get conference proceeding on DVD or they may purchase a hard copy of the same for PKR 100 or USD 10.

Intructions for Authors

Abstracts must be typed and single spaced having a maximum length of **250 words** with 5 Key words. It must contain paper title, author's name organization e-mail, phone & fax numbers. Abstracts must be submitted through email only at: iecc@iepkarachi.org.pk

Paper template will be available to download at the conference website after abstract acceptance.

Recognized CPD Activity

PEC will award credit points to participating engineers as per their defined criteria.

Journal Publication

The extended versions of the selected papers will be published in NED journal of research.

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Karachi is a bustling metropolis of over 20 million people, located on the southern coastline of Sindh province next to the Arabian Sea. It is the industrial and commercial hub of Pakistan with several industrial zones, an international airport, two seaports and rail and road linkages to the rest of the country. With several renowned universities located in the city, Karachi is a major center for education and higher learning in South Asia and the Muslim world. The city is an ongoing bonanza of shopping surprises that dazzles with enchanting sights and sounds of amazing bargains. Most hotels, restaurants and many shops accept international credit cards. Pakistan standard time is Greenwich Time (GMT) +5hours. The electrical voltage 220-240 volts.

Steering Committee

For further details, kindly follow conference links below:

Web link: <http://iepkarachi.org.pk/ICEC>

E-mail: icec@iepkarachi.org.pk

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