

# 6th INTERNATIONAL CIVIL ENGINEERING CONGRESS

in collaboration with  
NED University of Engineering & Technology

28th December, 2013  
at Karachi Expo Center

Theme:

**"CIVIL ENGINEERING ISSUES & FUTURE"**

*Organized by*



**The Institution of Engineers Pakistan**

Karachi Centre



## INTRODUCTION

The Institution of Engineers Pakistan (IEP) was established in 1948. It is the premier national body of engineers for the advancement of the Engineering Profession. It has headquarters at Lahore and centers in all the major cities of Pakistan as well in Riyadh Saudi Arabia & Bahrain. IEP has signed technical collaboration agreements with 33 National Professional Engineering Organizations throughout the world. IEP is also the member of six International/Regional engineering bodies and has the honour to represent Pakistan in these forums. IEP Karachi Centre is the biggest IEP centre.

IEP Karachi Centre has organized the First International Civil Engineering Congress in September 2000, Second International Civil Engineering Congress in November 2001, Third International Civil Engineering Congress in February 2003, 4th International Civil Engineering Congress in November, 2006 and Fifth International Civil Engineering Congress in December, 2007. In continuation IEP Karachi Centre is organizing the Sixth International Civil Engineering Congress (6th ICEC-2013) on 28th December, 2013. The 6th ICEC-2013 theme is "Civil Engineering Issues and Future"

## WHO SHOULD ATTEND THE CONGRESS

The 6th ICEC is intended for professionals in construction industry, academia, practicing consulting engineers, public/private sector managers, builders, government officials in the planning, development & construction sector and other development professionals.

## TECHNICAL COMMITTEE

**Prof. Ian M. May**, Heriot-Watt University Edinburgh, UK

**Prof. Syed Mehmood Ahmed**, East Carolina University, USA

**Dr. Salman Azhar**, Auburn University, USA

**Prof. SFA Rafeeqi**, NED University of Engineering & Technology

**Prof. Sarosh H. Lodi**, NED University of Engg., & Tech.

**Prof. Dr. Tauha Hussain Ali**, Mehran University of Engg., & Tech.

**Prof. Asad ur Rehman**, NED University of Engg., & Tech.

**Dr. Salah Uddin**, Balochistan University of Engg., & Tech., Khuzdar

**Prof. Rizwan ul Haque Farooqui**, NED University of Engg., & Tech.

**Prof. Muhammad Masood Rafi**, NED University of Engg., & Tech.

**Prof. Asif Ahmed Shaikh**, NED University of Engg., & Tech.

**Prof. Dr. Mir Shabbar Ali**, NED University of Engg., & Tech.

**Prof. Abdul Jabbar Sangi**, NED University of Engg., & Tech

## STEERING COMMITTEE

Prof. SFA Rafeeqi (Chair)

Prof. Sarosh H Lodi (Vice Chair)

Engr. Farhat Adil (Vice Chair)

Engr. Ahmed Farooq Bazai (Vice Chair)

Dr. Asad-ur-Rehman (Vice Chair)  
Dr. Mir Shabbar Ali (Vice Chair)  
Dr. Rizwan ul Haque Farooqui (Vice Chair)  
Engr. Khalil Ahmed (Vice Chair)  
Engr. Sohail Bashir (Vice Chair)  
Dr. Abdul Jabbar Sangi (Co-Chair & Secretary)

**Patron**

Engr. Syed Jamshed Ali Rizvi  
President, Institution of Engineers, Pakistan

**About the theme of 6th ICEC**

The professionalism in the field of Civil engineering will need to be geared towards developing different kinds of technologically innovative products, processes, and systems for improving the future performance of public facilities in developing countries and to address all the Civil Engineering Issues being faced by Developing Countries. An interdisciplinary approach, therefore, will prepare Civil engineering professionals in developing countries for forthcoming shifts in technologies such as Computer aided design, digital data base management and information technologies. These disciplines have already found widespread applications in the construction of dams, Hi-rise buildings and intelligent transportation systems. .

**TOPICS FOR PAPERS**

The upcoming 6th INTERNATIONAL CIVIL ENGINEERING CONGRESS provides a platform to deliberate upon the above mentioned theme and would have scope to cover the following areas:

- |                                |                                       |
|--------------------------------|---------------------------------------|
| - Assets Management            | - Airport Engineering                 |
| - Computers in Structures      | - Construction Management             |
| - Coastal & Harbor Engineering | - Dams and Water Management           |
| - Disaster Management          | - Earthquake                          |
| - Environmental Engineering    | - Geo Tech. Engineering               |
| - High-rise Buildings          | - Infrastructure Planning             |
| - Irrigation & Water Resources | - Quality Control & Quality Assurance |
| - Roads, Highways & Bridges    | - Rural Development                   |
| - Safety & Health Management   | - Structural Engineering              |
| - Sustainable Development      | - Transportation                      |

Papers for presentation in the congress are invited from academia, civic organizations, industry NGO's and practicing engineers on any areas related to the broad theme of the Congress.

Papers accepted and presented in the Congress will be included in the proceedings of the Congress.

The Intention to present the paper along with ABSTRACT (250-300 words) including a short introduction of author (s) should reach the Organizing Committee for the 6th International Civil Engineering Congress as per schedule given below.



## SCHEDULE

Abstract & Pre-Registration,	<b>December 01, 2013</b>
Notice of acceptance sent to author,	<b>December 03, 2013</b>
Final camera ready manuscript due,	<b>December 15, 2013</b>
Notice of Final acceptance sent ,	<b>December 15, 2013</b>

## REGISTRATION FEE

**a)International:- General: US \$ 30**

- Author: **Complimentary**

**b) Pakistan: - General: Rs. 2000**

- IEP Member:**Rs. 1500**

- Faculty/Academic & Research/Scholar: **Rs.1000**

- Students: **Rs. 100**

- Author/Presenter: **Complimentary**

Organization sending 4 or more delegates shall be entitled for 25% discount in registration fees.

**c)** Registration fee may be paid either by cross cheque in favour of "**The Institution of Engineers Pakistan, Karachi Centre**" or in cash at the registration counter on 28th December, 2013.

## GUIDELINES FOR AUTHORS

To achieve uniformity in paper presentations, the valued authors are requested to follow the under-mentioned format for camera-ready manuscript:

- 1) **Paper Size** : A-4 (8-1/2" x 11")
- 2) **Margins**: Left Side 1.5", other sides 1.0"
- 3) **Font**: Arial, Straight (no italics)
- 4) **Presentation**:
  - Top right hand all pages: "6th ICEC-2013" flush with edge in Font Size-8.
  - Title: Font Size 14/upper case/bold/center
  - Author's name: Font Size 12/upper case / bold / centre
  - Heading: Font Size 12/upper /bold/left flushed
  - Sub Heading: Font Size 12/upper lower/bold/left flush
  - Text: Font Size 10/upper-lower/normal/left flush/justify
  - Captions for tables, figures, plates, drawing, sketches. Font Size: 12/Upper lower / bold / underneath / centre
  - Spacing: 1.5
  - References: At the end of the paper
  - Tables/Figures/Diagram: after the reference
  - Page Numbering: In pencil on hard copy
- 5) **Maximum Length of Paper**: Not to exceed 20 pages including tables, figures, plates, diagrams.
- 6) **Presentation Time**: 20 minutes
- 7) **Presentation mode**: On Multimedia Projector/OH Project also available.
- 8) **USB Disk/CD** : MS Word / MS Power Point

**Please send your paper on a C.D. along with one hard copy.**

**REGISTRATION FORM**

# 6th International Civil Engineering Congress

**28th December, 2013**

We would like to nominate the following persons from our organization to attend the 6th ICEC being held on 28th December, 2013

**Name of Participants with Designation:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Fax:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Mode of Payment:**

Bank Draft / Pay Order / Cheque No.: \_\_\_\_\_

Dated \_\_\_\_\_ for Rs. \_\_\_\_\_

is enclosed as participation fee.

\_\_\_\_\_  
Sponsoring Authority

## ABOUT KARACHI

Once a small village by the Arabian Sea-Karachi, is the largest city of Pakistan with a population of over 15 million. Karachi has a natural turtle beach, a sea port and an international airport, it is the hub of all social and economic activities of Pakistan. Karachi also enjoys the importance of being the city of the founder of Pakistan, Quaid-e-Azam Mohammad Ali Jinnah, who was born in Karachi and is also laid to eternal rest here.

The city is an ongoing bonanza of shopping surprises that dizzies with enchanting sight and sounds of amazing bargains. Most hotels, restaurants and many shops accept international credit cards. Pakistan standard time is Greenwich Mean Time (GMT) + 5 hours. The electrical current is 220-240 volts. The climate in December is generally pleasant, with temperatures ranging from 25°-30° degrees centigrade. Karachi city is connected by air with the world and most of the air lines serve Quaid-e-Azam International Airport.

## ACCOMMODATIONS

Hotel accommodation is also available in the following Hotels indicated below for this Congress.

Name of Hotel	Phone #
· Hotel Avari Towers	-(92-21) 35660100
· Hotel Marriott	-(92-21) 35682011
· Hotel Mehran	-(92-21) 35660862
· Hotel Pearl Continental	-(92-21) 35685021
· Hotel Regent Plaza	-(92-21) 35657000
· Hotel Sheraton	-(92-21) 35681021
· Hotel Harmain	-(92-21) 35223970

(Exchange rate December Rs.108.00 per US\$ Average)

## ORGANIZING COMMITTEE

Engr. Syed Jamshed Ali Rizvi, President IEP  
Engr. Mian Sultan Ahmed, Secretary General, IEP  
Engr. Farhat Adil, Chairman, IEP Karachi Centre  
Engr. Ayaz Mirza, Secretary, IEP Karachi Centre  
Prof. Sarosh Lodi, Convener & Vice- Chairman (Civil)  
Prof. Dr. Mir Shabbar Ali  
Engr. Aftab Farooqui  
Engr. Salman Hameed Siddiqui  
Engr. Sohail Bashir, Co-ordinator  
Dr. Abdul Jabbar Sangi, Co-Convener

## CO-CONVENER

Engr. M. Adil Usman	Engr. R.S. K. Malik
Engr. S.A.H.Naqvi	Engr. Zaffar Pasha Rizvi
Engr. Amanullah Hanif	Engr. S.M.Pervez Sadiq
Engr. Abdul Raoof	Engr. Raisuddin Siddiqui
Engr. Najmuddin Sheikh	



## MEMBERS

Engr. M.A.Ansari	Engr. Arif Kasam
Engr. Muhammad Khalid	Engr. Saeed Ahmed
Engr. Muhammad Shafique	Engr. Adnan Qadir
Engr. Khalil Ahmed	Engr. M.Farooq Arbi
Engr. Ghayoor A. Qureshi	Engr. M. Aamir Iqbal
Engr. S. Jawed Ali Rizvi	Engr. Asim Hussain Siddiqui
Prof. Javed Aziz Khan	Engr. Sheikh M. Faizan
Engr. Nooruddin Ahmed	Engr. Syed Ali Hasan Naqvi
Engr. Ejaz Ahmed Khan	Engr. M. Ozair Vohra
Engr. Al-Kazim Mansoor	Engr. Rashid Ahmed Khan
Engr. Khalid Munir	Engr. Syed Ali Karim Shibli
Engr. Ms.Asfia Aleem	

### IEP is a member of the following International, Regional and National Organizations.

1. World Federation of Engineering Organization
2. Consortium of Affiliates for International Programme
3. Federation of Engineering Institutions of Islamic Countries
4. Federation of Engineering Institutions of South & Central Asia
5. Common-Wealth Engineers Council
6. American Association for Advancement of Science (AAAS)

### IEP has also concluded agreements of collaboration with 33 foreign Professional Societies.

#### IEDC-2013

IEP is also collaborating with NED University of Engineering & Technology, Karachi in organizing the Fourth International Symposium on Infrastructure Engineering in Developing Countries (IEDC-2013) which is scheduled to be held on 26th & 27th December 2013 at Karachi Expo Center. IEDC-2013 is aimed to focus and discuss the issues of rising urbanization for sustainable economic growth in developing countries. This event will be helpful to understand and mitigate urban infrastructure planning, design and management issues. For further details on IEDC-2013 send e-mail to : [iedc@neduet.edu.pk](mailto:iedc@neduet.edu.pk)

#### ENTECH PAKISTAN-2013

IEP is also organizing a mega exhibition of Pakistan's Engineering Industry with wide range of products & services. This event will be held at Karachi Expo Center from 26 to 28 December 2013 alongwith 6th Civil Engineering Congress and IEDC-2013 at the same venue. For further details please visit ENTECH website: <http://www.entech-pakistan.com/> or send e-mail to: [info@entech-pakistan.com](mailto:info@entech-pakistan.com)

For Further details, Please Contact:

#### 6th ICEC-2013 Organizing Committee

<b>Prof. Dr. Sarosh Lodi</b> Vice-Chairman & Convener Ph: +92-333-2141160, email: <a href="mailto:saroshlodi@yahoo.com">saroshlodi@yahoo.com</a>	<b>Dr. Abdul Jabbar Sangi</b> Co-Convener Ph: +92-345 225 1155, email: <a href="mailto:ajsangi@neduet.edu.pk">ajsangi@neduet.edu.pk</a>	<b>Engr. Sohail Bashir</b> Co-ordinator Ph: +92-345-9269494, email: <a href="mailto:sohail.bashir@saitapk.com">sohail.bashir@saitapk.com</a>
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**Engr. Ayaz Mirza**, Secretary,

**The Institution of Engineers Pakistan** - Karachi Centre

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E-mail: [main@iepkarachi.org.pk](mailto:main@iepkarachi.org.pk) Website: [www.iepkarachi.org.pk](http://www.iepkarachi.org.pk)

Postage  
Stamp  
Here

The Organizing Committee

## 6th International Civil Engineering Congress

28th December, 2013

### The Institution of Engineers Pakistan

Karachi Centre

4th floor, IEP Building, 177/2, Liaquat Barracks,  
Shahrah-e-Faisal, Karachi-75530, Pakistan.

