

**PAKISTAN ENGINEERING CONGRESS  
THE EXECUTIVE COUNCIL FOR THE 73<sup>rd</sup> SESSION**

PRESIDENT  
**Engr. Iftikhar Ahmad**

Immediate Past President  
**Engr. Riaz Ahmad Khan (President 72<sup>nd</sup> Session)**

**VICE-PRESIDENTS**

- |                               |                               |
|-------------------------------|-------------------------------|
| 1. Engr. Husnain Ahmad        | 5. Engr. Dr. Izhar-ul-Haq     |
| 2. Engr. R. K. Anver          | 6. Engr. Ch. Muhammad Arif    |
| 3. Engr. Ch. Ghulam Hussain   | 7. Engr. Tariq Rasheed Wattoo |
| 4. Engr. Akhtar Abbas Khawaja |                               |

**OFFICE BEARERS**

- |                                 |                     |
|---------------------------------|---------------------|
| 1. Engr. Syed Mansoob Ali Zaidi | Secretary           |
| 2. Engr. Amjad Saeed            | Joint Secretary     |
| 3. Engr. Nayyar Saeed           | Treasurer           |
| 4. Engr. Capt (R) M. Qadir Khan | Publicity Secretary |
| 5. Engr. Nafasat Raza           | Business Manager    |

**EXECUTIVE COUNCIL MEMBERS**

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| 1. Engr. Syed Mansoob Ali Zaidi       | 14. Engr. Amjad Saeed               |
| 2. Engr. Shabbir Ahmad Qureshi        | 15. Engr. Muhammad Saeed Arian      |
| 3. Engr. Syed Anwar ul Hassan         | 16. Engr. Syed Shahzad Raza         |
| 4. Engr. Iftikhar ul Haq              | 17. Engr. Muhammad Saeed            |
| 5. Engr. Anwar Ahmad                  | 18. Engr. Pir M. Jamil Shah         |
| 6. Engr. Muhammad Ibrahim Malik       | 19. Engr. Khalid Javed              |
| 7. Engr. Nayyar Saeed                 | 20. Engr. Prof. Zia ud Din Mian     |
| 8. Engr. Najam Waheed                 | 21. Engr. Malik Ata ur Rehman       |
| 9. Engr. Capt. (R) M. Qadir Khan      | 22. Engr. Brig Sohail Ahmad Qureshi |
| 10. Engr. Sheikh Muhammad Saeed Tahir | 23. Engr. Syed Nafasat Raza         |
| 11. Engr. Faisal Shehzad              | 24. Engr. Jamil Ahmad Basra         |
| 12. Engr. Ijaz Ahmad Cheema           | 25. Engr. Ahmad Nadeem              |
| 13. Engr. Muhammad Sharif Shah        | 26. Engr. Tahir Anjum Qureshi       |

## **EDITOR**

Eng. Prof. Zia-ud-Din Mian

## **EDITORIAL BOARD**

Dr. Muhammad Nawaz Bhutta  
Dr. Abdul Aleem Chaudhry  
Hafiz Tehzeeb-ul-Hassan  
Prof. Dr. Muhammad Taqi Zahid Butt  
Dr. S.E. Benjamin

## **ADVISORY BOARD**

Engr. Riaz Ahmad Khan  
Engr. Ali Husnain Syed  
Dr. Allah Bukhsh Soofi  
Engr. Ahmad Kamal  
Mrs. Shahida Saleem

## **PEER REVIEW BOARD**

Engr. Ch. Ghulam Hussain  
Dr. Asad Sarwar Qureshi  
Engr. Riaz Nazir Tarrar  
Engr. Syed Mansoob Ali Zaidi  
Engr. Riaz Ahsan Baig  
Engr. Zamir Ahmad Soomro

## **PUBLISHED BY**

Engr. Syed Mansoob Ali Zaidi

## **Secretary**

### **Pakistan Engineering Congress**

(4TH FLOOR) PAKISTAN ENGINEERING  
CONGRESS BUILDING,

97-A/D-1, LIBERTY MARKET,  
GULBERG-III, LAHORE 54660

(Near Liberty Roundabout)

Ph: 042-35784238-042-35784235

Fax: 042-35784236

Website: [www.pecongress.org.pk](http://www.pecongress.org.pk)

Email: [info@pecongress.org.pk](mailto:info@pecongress.org.pk)

ISSN : 0013-8061

## **55th YEAR OF PUBLICATION**

# **Engineering News**

A Quarterly Journal of the Pakistan Engineering Congress

Vol. 45

October 2014 to December 2014

No. 5

## **EDITORIAL**

## **NEWS**

- ❖ Report on The Symposium Held on 18th October, 2014 on The Topic of "Contract Administration and Management in Pakistan" Engr. Iftikhar-ul-Haq
- ❖ Rehabilitating Depleting Forests
- ❖ Climate Realities
- ❖ Japan's Bullet Train Hits Half Century
- ❖ Climate change threatens world's iconic ecosystems
- ❖ Welcome to New Members

## **TECHNICAL PAPERS**

- ❖ How To Deal With Water Shortages in The Country by Amjad Agha
- ❖ Soil Loss Estimation For River Neelum Bank Erosion Due To Flood Wave by Dr Engr Mazhar Hussain
- ❖ Development of Road Safety Parameters And Comparison of Pakistan With Other Countries Being United Kingdom as Reference by Prof. Dr. Tanvir Iqbal Qayyum
- ❖ Water Scarcity Issue And Solution For Pakistan by Engr. M. P. Aftab
- ❖ Causes of Delay And Cost Overrun in Construction Projects of Pakistan by Saad Farooq
- ❖ Increasing Awareness of The Need To Reduce Carbon Dioxide Emissions by Dr Gary William Theseira
- ❖ Water Use Efficiency, Water Resource Management And The Implications of Climate Change in Pakistan by Engr. Ishteqaq Ahmad Kokab

## **FOR MEMBERS ONLY**

**Pakistan Engineering Congress is a prestigious professional body established in 1912 dedicated, inter alia to technical advancement of Science & Engineering in the country**