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The Institution of Engineers Bangladesh (IEB)



The Institution of Engineers Pakistan (IEP)



Nepal Engineers Association (NEA)



The Institution of Engineers India (IEI)



The Institution of Engineers Sri Lanka (IESL)

Date & Conference Venue

1st Day Friday 13th May, 2022 Inaugural Session
2nd Day Saturday 14th May, 2022 Technical Sessions
At Video Conferencing Hall, Department of Civil Engineering
NED University of Engineering & Technology, Karachi

Contact

For further details, kindly follow conference links below
Web link: <http://icec.neduet.edu.pk>
E-mail: icec@neduet.edu.pk

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12TH INTERNATIONAL CIVIL ENGINEERING CONFERENCE

13th & 14th MAY 2022

INTEGRATING TECHNOLOGY IN CIVIL ENGINEERING

(HYBRID MODE)
(Physical & Online through ZOOM)



being held on the occasion of
NED Centennial Year (1921-2021)



JOINTLY ORGANIZED BY



The Institution of Engineers Pakistan
Karachi Centre



NED University of Engineering
& Technology, Karachi



NED International Alumni Network
(NEDIAN) Association Pakistan

IN COLLABORATION WITH



The Asian Civil Engineering
Coordinating Council



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



Federation of Engineering Institutions
of Islamic Countries (FEIIC)



Balochistan University of Information
Technology Engineering &
Management Sciences, Quetta



Balochistan University of
Engineering & Technology, Khuzdar



Sir Syed University of
Engineering & Technology, Karachi

About ICEC

International Civil Engineering Conference (ICEC) is a regular feature in the calendar of events for Institution of Engineers Pakistan and NED University of Engineering and Technology, Karachi. It is being organized frequently for almost two decades now. Eleven International Conferences have been organized in the past. Every year, the ICEC is held under an innovative theme related to contemporary issues that relate Civil Engineering and Socio-economics of the society. The latest version of ICEC was held on April 1, 2021 at Karachi. In collaboration with NED International Alumni Network Association -Pakistan, The Asian Civil Engineering Coordinating Council, Federation of Engineering Institutions of Islamic Countries, Federation of Engineering Institutions of South and Central Asia, Association of Consulting Engineer Pakistan, Sir Syed University of Engineering & Technology-Karachi, Baluchistan University of Engineering & Technology- Khuzdar, Baluchistan University of Information Technology Engineering & Management-Quetta, Mehran University of Engineering & Technology-Jamshoro and Quaid-e-Awam University of Engineering Science & Technology-Nawabshah. Theme of the conference was "Integrating Innovation & Sustainability in Civil Engineering". More than 50 papers were presented at the 2021 conference including those from United States, United Kingdom, Malaysia, Sri Lanka, Bangladesh, Iran, Indonesia and Nepal. The conference was attended physically and online by a number of delegates from academia and industry. Invited talk from renowned industry experts and consultants are also held in the ICEC to bridge the gap between academia and industry & review the current engineering practices, challenges faced by the industry and their potential solutions in collaboration with academia. The 12th International Civil Engineering Conference is being organized under the theme of "Integrating Technology in Civil Engineering". The theme is aligned with the fact that Civil Engineering profession has proven potential on integrating technology from many other disciplines for enhancing its application. The Conference will be held on Friday 13th & Saturday 14th May, 2022 organized by The Institution of Engineers Pakistan, NED University of Engineering & Technology, Karachi and NED International Alumni Network Association-Pakistan in collaboration with The Asian Civil Engineering Coordinating Council, Federation of Engineering Institution of Islamic Countries, Federation of Engineering Institutions of South & Central Asia, Sir Syed University of Engineering & Technology-Karachi, Baluchistan University of Engineering & Technology-Khuzdar, Baluchistan, University of Information Technology Engineering & Management Sciences-Quetta. The conference will be held hybrid mode. Limited audience will be invited in physical in the Video Conferencing Hall, Department of Civil Engineering, NEDUET and the session will go live as ZOOM Webinar ensuring maximum outreach and participation.

The Institution of Engineers Pakistan (IEP)

The Institution of Engineers Pakistan (IEP) was established in 1948. It is the premier national body of engineers working for the advancement of engineering profession. It has headquarters at Lahore and Centres in all major cities of Pakistan as well as in Riyadh, Saudi Arabia, Tri States (New Jersey, New York and Connecticut) & 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 honor to represent Pakistan at these forums. IEP Karachi Centre is the biggest Centre of IEP. Karachi Centre has been organizing International Civil Engineering Conferences for two decades. It has organized 11 conferences, the last being in 2021. Twelfth International Civil Engineering Conference will be a 2-day event jointly organized by IEP Karachi Centre and NED University of Engineering & Technology, Karachi.

NED University of Engineering & Technology Karachi

NED University is the oldest engineering Institution in Pakistan. It offers Bachelors, Masters and Doctoral Degree Programs. The University is known for producing high quality graduates and for its service to the nation. It has become a place of excellence in Pakistan in higher education and scientific research. These are the results of sustained efforts the university has made over the years towards faculty development, and creativity and innovation. Various seminars and conferences are held every year which not only provide practical exposure to the students but also a platform for academia - industry collaboration.

12th ICEC 2022 Conference Proceedings Publications

- Conference proceedings will be published by MDPI - Switzerland



engineering
proceedings



The organizers are very glad to inform to the contributors that the 12th ICEC proceedings will be published by **MDPI PUBLISHER** in their journal titled "**ENGINEERING PROCEEDINGS**". Multidisciplinary Digital Publishing Institute (MDPI) is an international publisher of the excellent reputation. Further details regarding the journal can be found at MDPI website.

Conference Tracks

The conference encompasses all areas of civil engineering, including (but not limited to) following:



About Karachi

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 Centre for education and higher learning in South Asia and Muslim world. The city is full of shopping surprises with enchanting sights and sounds of amazing bargains. Most hotels, restaurants and many shops accept credit cards. Pakistan standard time is Greenwich Time (GMT) +5 hours. The electrical supply is 220-240 volts.

Glimpses of 11th ICEC-2021



Deadlines

| | |
|-----------------------|----------------|
| Full Paper Submission | 10 April, 2022 |
| Review Result | 15 April, 2022 |
| Camera Ready Paper | 20 April, 2022 |

Registration Fee (for Physical Participation)

| | |
|-------------------------------|--------------------|
| Authors / Presenters / Online | Gratis (Free) |
| IEP Members | PKR 2000 or USD 20 |
| Non-Members | PKR 3000 or USD 30 |
| Students | PKR 1500 or USD 15 |
| IEP Student Members | PKR 1000 or USD 10 |

Registration can be made on the prescribed forms available on the conference website. The filled forms should be emailed at iepkc1948@gmail.com, main@iepkarachi.org.pk or sent through mail at the postal address of IEP Karachi Centre. Payments for registration should be made through Pay Order / Cross Cheque / Cash in the name of "**The Institution of Engineers Pakistan, Karachi Centre**" and sent through mail to the IEP Karachi Postal Address.

Instructions for Authors

Abstracts must be submitted via **EasyChair** portal available on the submission page (<https://lcec.neduet.edu.pk/authors>).

Full paper submission instructions and formatting template is also available at submission page and shall be uploaded on EasyChair portal. In case of any queries, please write email to lcec@neduet.edu.pk.

CPD

PEC will award 1 (one) credit point to participating engineers as per their defined criteria



Best Paper Award

Chairman IEP Gold Medal will also be awarded to the best paper selected by expert committee.

Glimpses of 11th ICEC-2021

