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Awan  
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NEDUET  
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NEDUET, Karachi  
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NEDUET, Karachi  
Engr. Muhammad Bilal  
Project Manager - Erasmus+ CBHE  
Project (GetInnovative4Impact)

## CPD

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

## Chairman Gold Medal Award

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

## FEIIC Members



## FEISCA Members

-  The Institution of Engineers Bangladesh (IEB)
-  The Institution of Engineers India (IEI)
-  The Institution of Engineers Pakistan (IEP)
-  The Institution of Engineers Sri Lanka (IESL)
-  Nepal Engineers Association (NEA)

## Conference Venue

### Inaugural Session

1<sup>st</sup> Day Wednesday 6<sup>th</sup> March, 2024

Syed Mahmood Alam Auditorium, Main Campus

### Technical Session

2<sup>nd</sup> Day Thursday 7<sup>th</sup> March, 2024

Parallel Sessions at Mechanical and Civil AV Halls  
NED University of Engineering & Technology, Karachi

## Contact

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The Institution of Engineers Pakistan

Karachi Centre

&

NED University of Engineering & Technology

Jointly Organizing

# 13<sup>th</sup> International Mechanical Engineering Conference IMEC-2024

**Industry 4.0 and  
Allied Digital Trends:  
Current Perspective  
and Future Direction**

**6<sup>th</sup> - 7<sup>th</sup> MAR 2024**

For More Information



In Collaboration with



Co-funded by  
the European Union



**Call For Papers**

## 13<sup>th</sup> International Mechanical Engineering Conference

The Institution of Engineers Pakistan-Karachi Centre, and its organizing partners; NED University of Engineering & Technology and NED International Alumni Network (NEDIAN) Association-Pakistan are organizing the 13<sup>th</sup> International Mechanical Engineering Conference (IMEC-2024) on Wednesday 6<sup>th</sup> & Thursday 7<sup>th</sup> March 2024 under the theme "Industry 4.0 and Allied Digital Trends: Current Perspective and Future Direction". International Mechanical Engineering Conference (IMEC) is the flagship conference of The Institution of Engineers Pakistan (IEP) and its Organizing partner NED University of Engineering & Technology, Karachi. IMEC is being organized frequently for almost two decades. It has become a regular forum for researchers, students, and engineers to present and exchange ideas on the latest technological advancements and innovations. With the increase in demand for large energy requirements, Mechanical engineers can be at the forefront of developing new technology for environmental remediation, housing, transportation safety, security, healthcare, and water resources. In 2023, the 12<sup>th</sup> International Mechanical Engineering Conference was jointly organized by IEP, NEDUET, & NEDIAN Association Pakistan. The IMEC 2024 will offer a wealth of resources regarding the latest mechanical and industrial engineering activities and processes in the world. Extensive participation from scientists engineers Industry managers, NGO representatives, legislators, and policymakers are anticipated.

## 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 centers in all major cities of Pakistan as well as in Riyadh, Saudi Arabia, Bahrain & Tri States (New Jersey, New York and Connecticut). 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 center of IEP.

## NED University of Engineering & Technology

NED University of Engineering & Technology stands as one of the oldest engineering institutions in Pakistan. It provides a spectrum of degree programs including Bachelors, Masters, and Doctoral programs, designed to equip students for their professional responsibilities and empower them to make meaningful contributions to research and development in their respective fields. Each year, the university hosts a series of seminars and conferences, offering students practical exposure and fostering collaboration between academia and industry.

## Department of Mechanical Engineering

Department of Mechanical Engineering strives to attain an ideal balance between theoretical instruction and practical exposure to mechanical engineering with the help of qualified faculty and several well-equipped laboratories. We aspire to offer an education that develops a firm foundation in mechanical engineering but allows the students to pursue their career goals in diverse fields. Our flagship B.E. program is the starting point for careers in several disciplines. With an enrolment of over 1000 students, this is one of the oldest and most valued mechanical engineering programs in the country.

## About Karachi

Located on Sindh Province's southern coast near to the Arabian Sea, Karachi is a thriving metropolis with a population of over 20 million. Many industrial zones, an international airport, two seaports, and connections by rail and road to the rest of Pakistan make it the nation's commercial and industrial centre. Karachi is a significant centre for higher education in South Asia and the Muslim world, with a number of prominent universities situated there. The city is teeming with unexpected shopping delights, enticing sights, and the sounds of incredible deals. Several stores, restaurants, and hotels accept credit cards. Greenwich Time (GMT) is five hours ahead in Pakistan.



## Glimpses of 12<sup>th</sup> International Mechanical Engineering Conference



## Deadlines

|                         |                            |
|-------------------------|----------------------------|
| Paper Submission        | 08 <sup>th</sup> Feb, 2024 |
| Paper Acceptance        | 20 <sup>th</sup> Feb, 2024 |
| Camera-Ready Submission | 23 <sup>th</sup> Feb, 2024 |
| Earlybird Registration  | 26 <sup>th</sup> Feb, 2024 |
| Final Registration      | 06 <sup>th</sup> Mar, 2024 |

## Instruction For Authors

Authors are advised to visit the website for submission and registration details.

For Further Inquiry please email at [imec@neduet.edu.pk](mailto:imec@neduet.edu.pk)

## Registration Fee (For Participation In-Person )

### Authors / Presenters Gratis

|                                 |                    |
|---------------------------------|--------------------|
| Early Bird Registration         | PKR 5000 or USD 20 |
| Registration (After Early Bird) | PKR 7500 or USD 30 |
| IEP Members                     | PKR 2500 or USD 10 |
| Students                        | PKR 1250 or USD 5  |

Registration can be made on the prescribed forms available on the conference website. The filled forms should be emailed at [iepkc1948@gmail.com](mailto:iepkc1948@gmail.com), [main@iepkarachi.org.pk](mailto: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. For further updates visit IMEC website.

## Topics

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

- Implementation of Digital/Smart Manufacturing Systems
- Applications of Artificial Intelligence and AR/VR and MR
- Advancements in Additive & other Manufacturing Processes
- Role of Cloud Computing in Mechanical & Manufacturing Engg.
- Adoption of Big Data Analytics, Visualisation and Dashboards
- Advanced Robotics and Material Handling system
- Advancements in Material Science and Technology
- Energy 4.0, Advancements in Power Generation & Transmissions