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## IEP HEADQUARTER COMMITTEE

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## IEP MANAGEMENT COMMITTEE

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## ORGANIZING COMMITTEE

<p><b>Engr. Prof. Dr. Saad Ahmed Qazi</b> Dean Faculty of Electrical &amp; Computer Engg., NEDUET &amp; Conference Convener IBDC-2023</p> <p><b>Engr. Dr. Eraj Humayun Mirza</b> Chairman, Department of Biomedical Engg., NEDUET &amp; Co-Convener, IBDC-2023</p> <p><b>Engr. Dr. Muhammad Abul Hasan</b> Department of Biomedical Engg., NEDUET Conference Secretary, IBDC-2023</p> <p><b>Engr. Dr. Syed Faraz Jawed</b> Department of Biomedical Engg., NEDUET Program Secretary, IBDC-2023</p> <p><b>Engr. Dr. Zeeshan Ul Haque</b> Dean Faculty of Engineering, Salim Habib University</p> <p><b>Engr. Dr. Saad Jawaid Khan</b> Chairman, Department of Biomedical Engineering Ziauddin University</p> <p><b>Engr. Dr. Tariq Javid</b> Chairman, Department of Biomedical Engineering, Hamdard University</p> <p><b>Dr. Sidra Abid Syed</b> Chairman Department of Biomedical Engineering, SSUET</p>	<p><b>Engr. Dr. Syed Muhammad Wasim Raza</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Engr. Dr. Muhammad Danish Mujib</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Engr. Dr. Ahmad Zahid Rao</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Engr. Dr. Saima Kashif</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Engr. Dr. Madiha Sadia</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Engr. Ms. Rehana Kausar</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Engr. Tajwar Sultana</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Engr. Amna Amin Sethi</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Engr. Fizza Zia Shaikh</b> Department of Biomedical Engineering, NEDUET</p> <p><b>Dr. Nisar Shar Ahmed</b> Department of Biomedical Engineering, NEDUET</p>
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## CPD

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

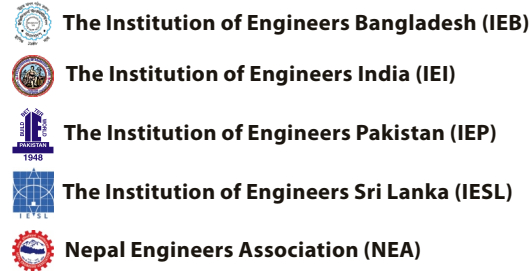
## BEST PAPER MEDAL & BEST POSTER AWARD

Chairman IEP Best Paper Medal and Best Poster Award will be awarded to the best paper elected by the expert committee.

## FEIC MEMBERS



## FEISCA MEMBERS



## CONFERENCE VENUE

**Inaugural Session**  
1st Day Wednesday 24th April, 2024  
Ashraf Habibullah Civil A/V Hall, Main Campus, NEDUET

**Technical / Closing Session**  
2nd Day Thursday 25th April, 2024  
at ELJ, NEDUET, Campus

81-A, Block-3 Memon Co-operative Housing Society, Karachi

## CONTACT

**Engr. M. Farooq Arbi, Secretary**  
The Institution of Engineers Pakistan - Karachi Centre  
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**Engr. Dr. Eraj Humayun Mirza**  
Chairman, Department of Biomedical Engineering,  
NEDUET, ELJ Campus  
& Co-Convener, 3rd IBDC-2024  
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The Institution of Engineers Pakistan  
Karachi Centre  
&  
NED University of Engineering & Technology, Karachi  
Jointly Organizing

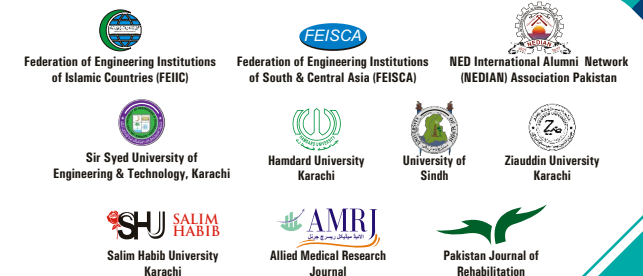
# 3<sup>rd</sup> International Biomedical & Digital Health Conference

WEDNESDAY 24<sup>th</sup> & THURSDAY 25<sup>th</sup> APRIL, 2024 AT KARACHI

REVITALIZING THE BIOMEDICAL INDUSTRY  
THROUGH INDIGENOUS DEVELOPMENT



## IN COLLABORATION WITH



CALL FOR PAPERS



### 3<sup>rd</sup> International Biomedical & Digital Health Conference (3rd-IBDC-2024)

International Biomedical & Digital Health Conference (IBDC) is now a regular feature in the events-calendar of the Institution of Engineers Pakistan and its organizing partner NED University of Engineering & Technology, Karachi. Two International Biomedical & Digital Health Conferences have been organized in the past two years. Every year, the conference is held under an innovative theme related to contemporary advancements and challenges in Biomedical Engineering. 1st IBDC November, 2022 and 2nd IBDC August, 2023 was held at NEDUET. The 1st & 2nd conferences was organized in collaboration with FEISCA, FEIIC, HEC, NEDIAN- Pakistan SSUET, Karachi, HU, SU-Jamshoro, ZU, Karachi and SU, Karachi. 1st IBDC-2022. 29 papers were presented and 2nd IBDC-2023. 19 papers were presented. The conference was attended by a number of delegates both from academia and industry that provided a great opportunity for stakeholders to meet and discuss various challenges and advancements in Biomedical Engineering. Considering the rapid advancements in Biomedical Engineering, IEP and its organizing partner NED University of Engineering & Technology, with collaboration of Federation of Engineering Institutions of Islamic Countries, Federation of Engineering Institutions of South & Central Asia and NED International Alumni Network (NEDIAN) Association Pakistan, Sir Syed University of Engineering & Technology, Karachi, Hamdard University, Karachi Sindh University, Jamshoro, Ziauddin University, Karachi Salim, Habib University, Karachi Allied Medical Research Journal, Pakistan Journal of Rehabilitation and Engineering Review Media Partner are going to organize **3rd International Biomedical & Digital Health Conference (3rd-IBDC-2024) on Wednesday 24th & Thursday 25th April, 2024 at NEDUET, Main Campus, Karachi** under the theme: **“Revitalizing the Biomedical Industry Through Indigenous Development”**

### The Institution of Engineers Pakistan (IEP)

The Institution of Engineers Pakistan (IEP) was established in 1948 as a premier national body working for the advancement of the engineering profession. Besides having biggest center at Karachi and headquarter in Lahore, IEP centers are 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.

### NED University of Engineering & Technology, Karachi (NEDUET)

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.

### 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.



### GLIMPSES OF 2nd IBDC-2023

Glimpses of 2nd International Bio- Medical & Digital Health Conference-2023. The Institution of Engineers Pakistan, Karachi Centre. NED University of Engineering & Technology jointly organized 2nd International Bio- Medical & Digital Health Conference (IBDC-2023) on 18th & 19th August, 2023 at NEDUET, Karachi in collaboration with FEIIC, FESICA, HEC, NEDIAN- Pakistan, SSUET, Hamdard University, University of Sindh, Ziauddin University, Salim Habib University and Engineering Review Media Partner. The 2nd IBDC was “Healthy Horizons”. The Participation form National and International Universities and Organizations shared their valuable work in the Conference



### REGISTRATION FEE (FOR PHYSICALLY PARTICIPATION)

Authors / Presenters / Online IEP Members	Gratis (Free)
Non IEP Members	PKR 3500 or USD 15
IEP Members	PKR 2500 or USD 10
IEP Students	PKR 1500 or USD 05

Registration can be made on the prescribed forms available on the conference website. The filled forms should be emailed to iepkc1948@gmail.com, main@iepkarachi.org.pk or sent through mail at the postal address of the 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 the mail to the IEP Karachi Postal Address

### CONFERENCE TRACKS

A Conference encompasses all areas of Biomedical Engineering, including (but not limited to) following:

- Bioengineering
- Biomedical Engineering and Technology
- Digital Health and IoT
- Pharmaceuticals and Regenerative Medicine
- Health Informatics and Technology
- Computational Intelligence and Neurosciences
- Rehabilitation Sciences
- Allied Sciences

### DISTINGUISHED SPEAKERS



**Dr. Muhammad Ahemd Khan**  
Scientific Researcher, Department of Neurology and Electrical Engineering, Stanford University, USA



**Mr. Abdul Rehman Allana**  
Chairman, Alsons Group



**Dr. Riaz Uddin**  
Director ORIC, NEDUET

