

# INTERNATIONAL BUILDING ENERGY EFFICIENCY SYMPOSIUM



May 12th-13th, 2023

A/V Hall, Department of Civil Engineering  
NED University of Engineering & Technology

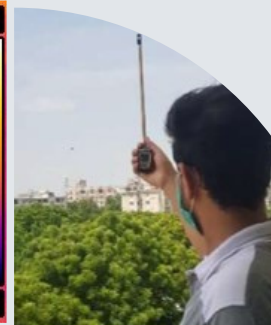
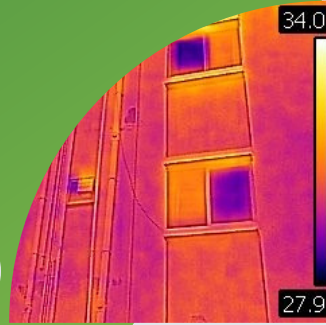
## Organized By



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## SYMPOSIUM OVERVIEW

The aim of the symposium is to highlight and discuss the contemporary best practices in the area of building energy efficiency.

The topics of interest include but not limited to the following.

- Energy Use and Conservation in Existing Buildings.
- Use of Renewable Energy Resources in Buildings.
- Design and Constructional Aspects of New Energy Efficient Buildings.

**1.0**  
CPD For PEC  
Registered  
Engineer

## BENEFITS

- Know best practices in energy-efficient building design, execution, and operations.
- Interact with top international experts in building energy efficiency.
- Explore collaboration opportunities.
- Experience state-of-the-art facilities, technologies, and project showcasing.
- Earn CPD points.

## WHO SHOULD ATTEND?

Public Infrastructure Organizations, Project Planners, Civil Engineers, Construction Managers, Academicians, Architects, Design Consultants, Contractors, Energy Providers, Energy Efficient Product Manufacturers, Graduate Students etc.



### CONTACT US!

For further details, kindly follow the link below

**Web Link:** [https://vrc.neduet.edu.pk/news\\_and\\_events](https://vrc.neduet.edu.pk/news_and_events)

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# KEYNOTE SPEAKERS

**DR. ABDUL SAMAD (SAMI) KAZI**

Research Team Leader,  
Smart Cities & Intelligent Buildings  
VTT Technical Research Centre of Finland Ltd.  
Presentation Title: **Data and Digital Platforms for Smart and Sustainable Built Environments – Challenges, Solutions & Impacts**

**PROF. DR. STEFANO SCHIAVON**

Professor, Energy, Civil Infrastructure and Climate  
Center for Built Environment, UC Berkeley  
Presentation Title: **The Future of Cooling**

**MONCEF KRARTI, PH.D., P.E, LEED AP, FASME**

Director, Building Energy Smart Technologies Center,  
Professor and Coordinator, Building Systems Program  
Civil, Environmental, & Architectural Engineering  
Department, University of Colorado, Boulder, USA  
Presentation Title: **Overview of Smart Energy Systems for the Built Environment**

**PROF. DR. MEHMET EMRE BAYRAKTAR**

Professor & Director,  
School of Construction and Design ,  
University of Southern Mississippi, USA  
Presentation Title: **Key Challenges and Considerations in Designing and Constructing Energy Efficient Buildings**

**DR. MOHAMED EL AGROUDY**

Management Consultant, Contracts & Risk, Facilities  
Management for Mega Programs in MENA, World Bank  
Group & European Union Programs  
Part-time Senior Lecturer, the American University in  
Cairo  
Presentation Title: **Optimizing Building's Energy through the Application of Facility Management**

**DR. ABDUL BADIH EL-DADA**

Business, Economics and Development  
Consultant  
Islamic Chamber of Commerce, Industry &  
Agriculture  
Presentation Title: **Investing in Building Energy Efficiency for Economic Sustainability**

**DR. FARRUKH ARIF**

Associate Professor, Civil Engineering  
Director, NED University Virtual Reality Center  
Founder, Building Energy Efficiency Simulators (BEES)  
NED University of Engineering and Technology, Karachi  
Presentation Title: **Energy Efficient Housing Guidelines and Green Building Provisions using Audit-Simulation-Living Lab Integration**

**ENGR. FAIZ M BHUTTA**

Sr. Energy Consultant and Trainer  
Presentation Title: **Rooftop distributed Solar PV Technology and its Role in Achieving Net Zero Buildings**

## SCHEDULE

**Day 1 – Friday, May 12, 2023**

15:00 – 15:30 Registration and Seating  
15:30 – 17:00 Session 1: Inaugural Session  
17:00 – 17:30 Tea and Networking  
17:30 – 19:00 Session 2: Energy Systems, Built Environment and Energy Efficiency  
19:30 – 20:30 Dinner

**Day 2 – Saturday, May 13, 2023**

9:30 – 11:00 Session 3: Energy Efficient Buildings Design  
11:00 – 11:30 Tea and Networking  
11:30 – 13:00 Session 4: Energy Efficient Buildings Technologies  
13:00 – 14:00 Lunch  
14:00 – 15:00 Session 5: NED VR Center Tour and Projects Showcasing  
15:00 – 16:30 Session 6: Closing Session and Award of Certificates  
16:30 – 17:00 High-Tea and Networking

## PAYMENT METHOD

For payment of the registration fee\*, make an IBFT/online transfer to the following account.

- Account Title: 6-99-72-29301-714-201943
- IBAN: PK28MPBL9972177140201943
- Account Title: NEDUET VR CENTER
- Bank Name: Habib Metropolitan Bank Limited
- Branch Address: University Road Branch

## Registration Fees

Individual Registration, Rs. 1500/- per person  
Group Registration (4 members), Rs. 5000/- per group  
Postgraduate Student Registration, Rs. 1000/- per person



**Scan to Register**

\* Proof of payment in the form of IBFT/Online transfer receipt is mandatory to be uploaded in this registration form, and shall contain transaction ID