

# **Report on Expert Talk on Basics of MEPF Services Planning for Buildings**

Organized by: Anjuman – I – Islam Kalsekar Technical Campus (A.I.K.T.C.) under ISHRAE Mumbai Chapter

Date: 07<sup>th</sup> September 2026

Venue: Auditorium, A.I.K.T.C.

Time: 11:30 AM onwards

Expert Name: Mr. Zeeshan Mubashshir, Founder of Captec Services Pvt. Ltd.

## **1. Introduction:**

A seminar on “**Basics of MEPF Services Planning for Buildings**” was conducted by **ISHRAE AIKTC**, featuring **Mr. Zeeshan Mubasshir, Founder and Director, Captec Engineering Services Pvt. Ltd.**, as the speaker. The seminar focused on introducing students to the fundamentals of **Mechanical, Electrical, Plumbing, and Fire Protection (MEPF) services** and their importance in building planning and design. The session aimed to provide students with practical insights into MEPF coordination, building services planning, and the role of these systems in creating safe, functional, efficient, and well-designed buildings.

## **2. Objectives of the Campaign:**

- Introduce students to the fundamentals of Mechanical, Electrical, Plumbing, and Fire Protection (MEPF) services in buildings.
- Explain the importance of proper MEPF planning and coordination in building design and construction.
- Provide practical knowledge about the planning and integration of various building services for efficient operation.
- Familiarize participants with the role of MEPF systems in ensuring building safety, comfort, functionality, and energy efficiency.
- Bridge the gap between theoretical knowledge and industry practice through insights from an experienced MEPF professional.

### 3. Activities Conducted:

#### a) Seminar on “Basics of MEPF Services Planning for Buildings”:

The seminar focused on introducing students to the fundamental concepts of Mechanical, Electrical, Plumbing, and Fire Protection (MEPF) services used in buildings. The session explained the importance of proper planning, coordination, and integration of these services during the building design and construction stages.

The speaker, Mr. Zeeshan Mubasshir, Founder and Director, Captec Engineering Services Pvt. Ltd., shared practical industry knowledge and explained how MEPF systems contribute to building safety, occupant comfort, operational efficiency, and energy management. The session helped students understand the connection between theoretical engineering concepts and their practical application in real-world building projects.



#### b) ISHRAE Orientation Session:

An ISHRAE Orientation Session was conducted by Qureshi Hanzala, President, ISHRAE AKTC, to introduce students to the Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) and its activities. The session provided an overview of ISHRAE's role in promoting knowledge and professional development in the fields of HVAC&R, building services, energy efficiency, and sustainable engineering.

Students were introduced to the objectives, activities, student membership opportunities, technical events, workshops, and professional benefits associated with ISHRAE. The orientation aimed to encourage students to actively participate in technical activities, develop industry-relevant skills, and connect their academic learning with the HVAC and building-services industry.



ANJUMAN-I-ISLAM'S  
**KALSEKAR TECHNICAL CAMPUS**

Plot 2& 3, Near Thana Naka, Khandagaon, New Panvel, Navi Mumbai - 410206. (Maharashtra, India)

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PRESENTS A SEMINAR ON

# BASICS OF MEPF SERVICES PLANNING FOR BUILDINGS



SPEAKER



**MR. ZEESHAN MUBASSHIR**

FOUNDER AND DIRECTOR

CAPTEC ENGINEERING SERVICES PVT. LTD.



**M**  
MECHANICAL



**E**  
ELECTRICAL



**P**  
PLUMBING



**F**  
FIRE PROTECTION



**DATE:**  
7 SEP, 2026



**TIME:**  
11:30 AM



**VENUE:**  
KALSEKAR TECHNICAL  
CAMPUS



CONTACT:

MR. MUKESH SUTHAR  
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IMC 2026-27

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STUDENTS ACTIVITY CHAIR  
IMC 2026-27

PROF. SAAD SHAIKH  
FACULTY ADVISOR  
ISHRAE AIKTC



#### **4. Outcome of the Program:**

- Improved understanding of MEPF services and their importance in modern building design and construction.
- Increased awareness about the role of Mechanical, Electrical, Plumbing, and Fire Protection systems in ensuring safe, comfortable, and efficient buildings.
- Better understanding of MEPF planning and coordination and how different building services are integrated during the design process.
- Exposure to practical industry knowledge through interaction with an experienced MEPF professional.
- Enhanced awareness of career opportunities and professional practices in the HVAC, building-services, and MEPF industry.
- Increased student engagement with ASHRAE through the orientation session and introduction to its technical activities, events, and student opportunities.
- Encouraged students to connect academic concepts with real-world applications, helping bridge the gap between classroom learning and industry practice.

#### **5. Conclusion:**

The program successfully connected technical knowledge with practical understanding by introducing students to the importance of MEPF services and the role of professional engineering in building design. The seminar provided valuable insights into real-world MEPF planning, coordination, safety, and efficiency, while the ASHRAE orientation helped students understand opportunities for technical learning, professional development, and industry interaction.

However, the long-term value of the program depends on students applying this knowledge beyond the session. Awareness alone is not enough; meaningful impact comes when students actively participate in technical activities, develop relevant skills, and apply MEPF and sustainable engineering principles in their academic and future professional work.