



ANJUMAN-I-ISLAM'S

KALSEKAR TECHNICAL CAMPUS, NEW PANVEL

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

☒ SCHOOL OF ENGINEERING & TECHNOLOGY

☐ SCHOOL OF PHARMACY

☐ SCHOOL OF ARCHITECTURE

DEPARTMENT OF MECHANICAL ENGINEERING

Report

Sr. No.	Details	Description
1	Type of Event	Expert Lecture
2	Class & Semester	T.E.M.E & VI
3	Course	HVACR
4	Name of Event	Expert Lecture on MEP
5	Date & Time	25-02-2025 from 10.15 am-12.15 pm
6	Venue	B214, AIKTC
7	Name of Organizer(s) / Coordinator(s)	Prof. Rahul Thavai
8	Name of Resource Person(s)	Mr. Bhavesh Mehta
9	Name of Association / Society / Centre / Cell etc. under which program is organised	NA
10	No. of Attendees	15
11	Objective(s)	Understand the basics of MEP design
12	Outcomes	Explore field of MEP design
13	CO Addressed	1. Demonstrate fundamental principles of HVAC&R. 2. Identify & Locate various components of HVAC&R system.
14	PO Addressed	1 & 2
15	PSO Addressed	-
16	NAAC Criteria Applicable	1 & 2
17	NBA Criteria Applicable	2
18	Feedback Rating on scale of 3	2.37

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19	Description
	Expert Lecture for students of TEME was organized on 25 February 2025, in collaboration with ISHRAE students chapter of AIKTC. The program commenced at 10:15 AM, with a warm welcome extended to all guests and attendees by Mr. Baseem Dabholkar. Mr. Bhavesh Mehta(Expert) provided insights into the critical aspects of MEP systems and their importance in the construction and engineering industries. The session aimed to educate participants on the latest trends, technologies, and best practices in MEP design and implementation. The session began with an overview of MEP, emphasizing its role in modern construction projects. The expert explained that MEP systems are essential for providing comfort, safety, and efficiency in buildings. The integration of mechanical, electrical, and plumbing systems was discussed as a holistic approach to building design and operation. He shared insights into the latest innovations in MEP, such as energy-efficient HVAC systems, smart lighting solutions, and advanced plumbing technologies that reduce water consumption. Trends such as the adoption of Building Information Modeling (BIM) in MEP design and the move toward sustainability in construction were discussed. He also mentioned challenges faced by engineers and designers when implementing MEP systems, including coordination issues between different disciplines and ensuring energy efficiency. The expert emphasized the importance of early planning and collaboration among different teams to minimize challenges during the construction phase. Key recommendations for successful MEP projects were shared, including the importance of maintaining regular communication with all stakeholders, conducting detailed system simulations before implementation, and ensuring compliance with safety and regulatory standards. The session concluded with an interactive Q&A segment where participants had the opportunity to ask questions related to MEP design, troubleshooting, and industry standards. The expert session provided valuable insights into the evolving field of MEP systems, highlighting both the challenges and opportunities that professionals face in designing and implementing these critical systems. The expert session was highly informative, offering valuable perspectives on the integration of MEP systems in the design and implementation of green buildings. The contributions of Mr. Bhavesh Mehta were greatly appreciated, and the session provided attendees with a deeper understanding of how MEP systems can be optimized to support sustainability in construction. Prof. Javed Kazi Felicitated expert, Mr. Bhavesh Mehta. In closing remarks, Prof. Kazi thanked Mr. Bhavesh Mehta for taking the time to share his expertise and valuable knowledge with the participants. He emphasized that the session provided critical insights into the vital role of MEP systems in shaping the future of green building initiatives.



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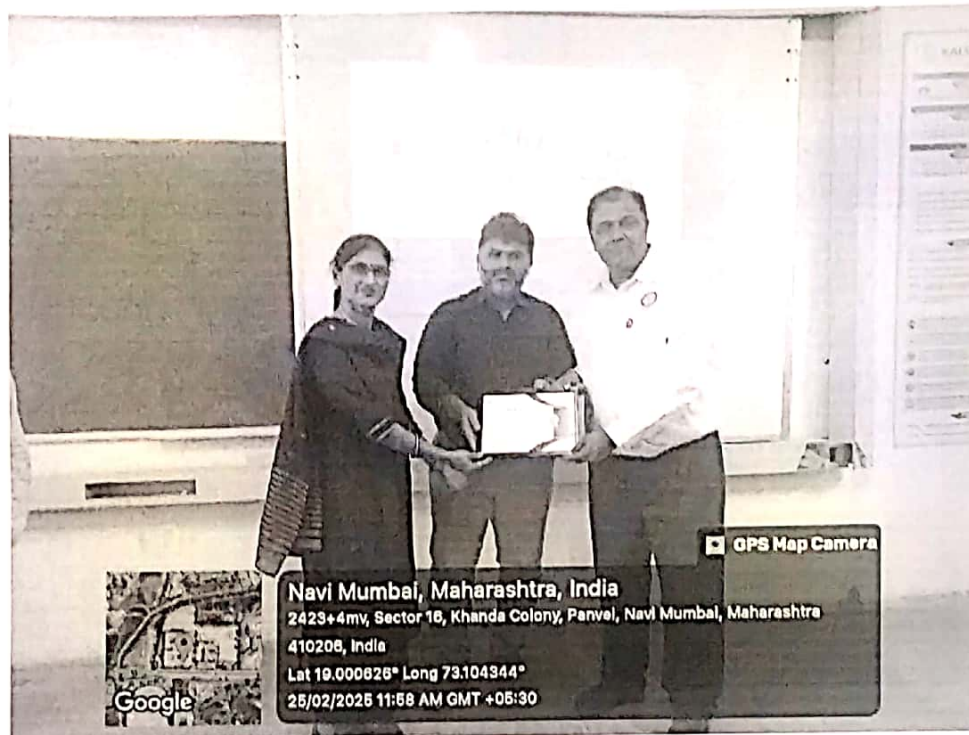
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Geotag Photos(Sessionwise)



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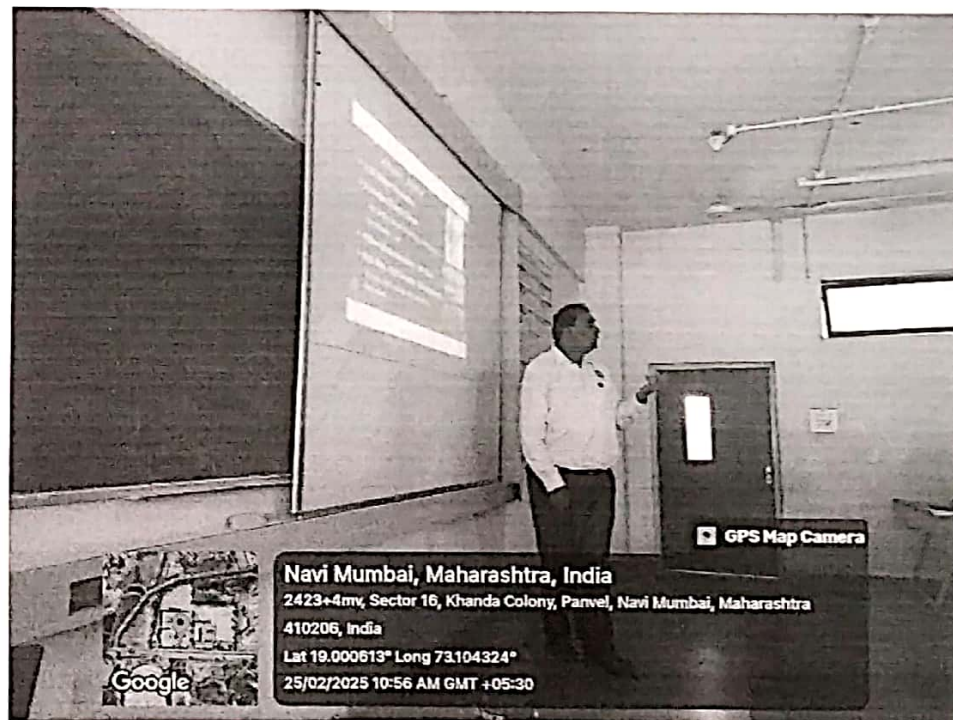
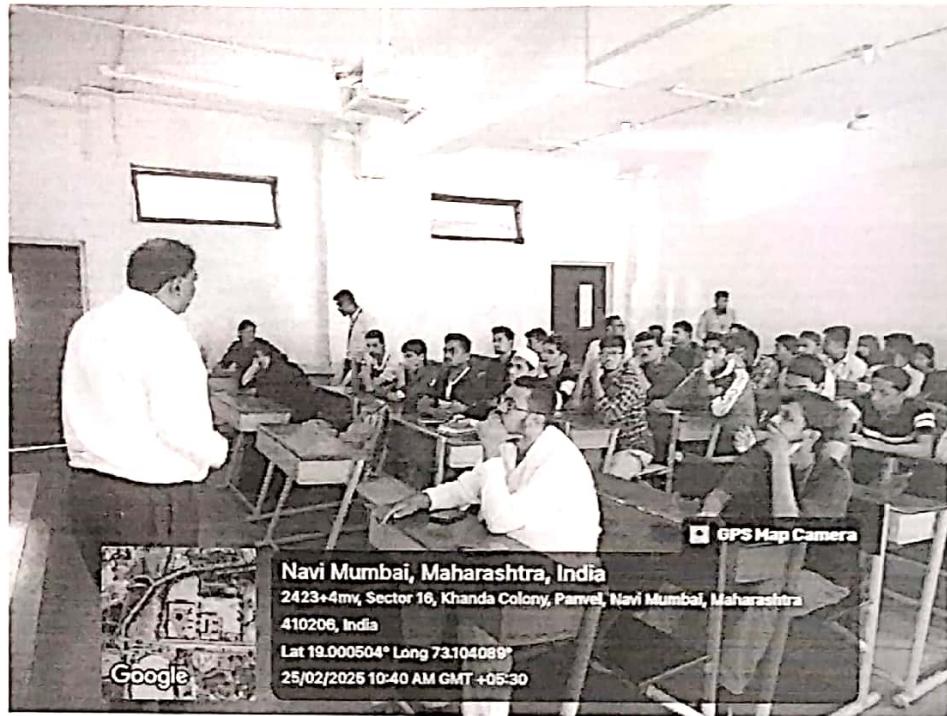


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Thavai

Prof. Rahul Thavai

Organiser

f. Kazi

Prof. Javed Kazi

HoD

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HVACR Expert Lecture ATTENDANCE SHEET

CLASS:- TE-ME		SEM:- VI		A.Y 2024-25
NAME OF RESOURCE PERSON:- MR. BHAVESH MEHTA			SUBJECT:- MEP	DATE: 25-02-2025
Sr. No.	Roll NO.	Name		SIGN
1	22DME05	ATAR ALSA TANVIR		
2	23DME14	BHAIJI MOHAMMED AFNAN		
3	22ME02	BHATKAR ABSAR ISMAIL		ABsar
4	23DME03	CHODHARY MOHAMMED WASEEQ AFTAB ALAM		
5	23DME04	DASURKAR ALTAMASH KARIM		
6	23DME15	FAKIH MOHAMMED AMMAR SHAKIL AHMED		
7	22DME08	GADKARI DANISH SABIR		
8	22ME06	GADKARI MOHAMMED AATIB		Aatib
9	22ME07	KAZI MOHD QAMAR AZEEMUL HAQ		Qam
10	22DME15	KHAN ABDUL MUKIT		Mukit
11	22ME08	KHAN HAFEEZ ABDUL MUNAF		Hafae
12	23DME06	KHAN MOHAMMED AKIF		
13	23DME07	KHAN MOHAMMED SAQIB OBEDU REHAMAN		
14	22ME09	KHAN MOHD ANAS IMTIYAZ KHAN		Anas
15	23DME08	KHAN MUZAMMIL FIROZ ALAM		
16	23DME09	KHAN SAMI SALIM		
17	23DME10	KHAN TANVEER AHMED MOHAMMED AZAM		
18	22ME11	KHAN ZAID MOINUDDIN		Zaid
19	23DME12	MALIK ABID KHURSHID		
20	22ME13	MALIK AHMED RAZA MOHD VAIS		
21	22ME15	MEKARANI YASIN		
22	22DME25	MIRZA RYAN		Ryan
23	23DME16	MOMIN AHMED JAFAR		
24	22ME20	SHAIKH ABDUL MANNAN NOAMAN		N. Manan
25	23DME21	SHAIKH AMAN HUSSAIN AKHTAR HUSSAIN		
26	23DME11	SHAIKH MAHEBOOB MOHAMMED HUSSAIN		

HVACR Expert Lecture ATTENDANCE SHEET

CLASS:- TE-ME		SEM:- VI		A.Y 2024-25
NAME OF RESOURCE PERSON:- MR. BHAVESH MEHTA			SUBJECT:- MEP	DATE: 25-02-2025
Sr. No.	Roll NO.	Name		SIGN
27	22DME48	SHAIKH MOHAMMED YUSUF		
28	23DME23	SHAIKH NARGIS M MOIN		<i>Nargis</i>
29	22ME22	SHAIKH REHAN RIYAZ		<i>Rehan</i>
30	22DME56	SHAIKH ZAID MOHD DANISH		
31	22DME57	SHAIKH ZAKI AHMED		<i>Zaki</i>
32	22ME26	TAHWILDAR MUHAMMADSAIF REYAZ		<i>Saif</i>
33	21ME05	KHAN ASHAR WASI AHMED		<i>Ashar</i>
34	22DME24	MANSOORI RIYAZ		

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Thavai
Prof. Rahul Thavai
(Course owner)



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DEPARTMENT OF MECHANICAL ENGINEERING

Ref: AIKTC/SoET/ME/Admin/2025/

Date: 20/02/2025

Note for Management Approval

REV: 00	BUDGET FOR EXPERT LECTURE	IIC-05
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Subject: Budget Approval for conducting expert lecture for course HVACR in association with ISHRAE students chapter of AIKTC

With reference to the above cited subject, please find below the budget for the same.

Title of Expert Lecture	MEP Design
Nature of Program	Offline
Targeted audience	1. Students of T.E.M.E 2. Members of ISHRAE students chapter of AIKTC
Duration with Date	25 February 2025
Need/Significance/ Scope	To explore trending & modern advanced technologies for upgrading & enhancing technical skills.
Resource person details	Mr. Bhavesh Mehta
Infrastructural requirements	1. Classroom with Overhead projector

Budget

Description	Amount
Remuneration for Expert Including TA	Rs. 0
Breakfast, Tea and Lunch for Expert & Convener	Rs. 1000
Saplins for Experts	Rs.150
Certificate with Frame	Rs. 350
Total budget	Rs. 1500

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We shall be highly obliged if you approve the budget required.

Prepared By	Verified By
<i>Phavai</i> <i>Shaikh</i>	<i>Aamir</i> <i>Nadeem</i>
(Prof. Rahul Thavai/Prof. Saad Shaikh) Organizer, ME, SoET, AIKTC	(Prof. Aamir Siwani) Administrative Officer, AIKTC
	(Mr. Nadeem Shaikh) Account Manager, AIKTC

Submitted by	Recommended & Approved by		
<i>Phavai</i> <i>Shaikh</i>	<i>Javed</i>	<i>Rajendra</i>	<i>Ramjan</i>
(Prof. Rahul Thavai / Prof. Saad Shaikh) Organizer	(Prof. Javed Kazi) HoD, ME	(Dr. Rajendra Magar) Dean, SoET	(Dr. Ramjan Khatik) Director, AIKTC

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