

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)
Department of Civil Engineering

IPA EVENTS 2024-2025

1. Webinar on “Introduction to Plumbing Systems”

Date: 26th October 2024

Time: 6:30 PM – 7:30 PM

Resource Person: Er. Shajeer Basheer, Secretary, IPA Trivandrum Chapter

Coordinator: Ms. Radhika P., IPA Mentor, MBCET

Overview:

The session provided an introduction to fundamental plumbing concepts, industry standards, and the importance of efficient plumbing systems in building services. The interactive webinar helped students understand practical aspects that complement their classroom learning.


Outcome:

Enhanced awareness about plumbing systems and industry trends, laying a strong foundation for advanced hands-on training.

On **October 26th, 2024**, the Civil Engineering department, in collaboration with the IPA MBCET Students Chapter, hosted a webinar titled "Introduction to Plumbing Systems." The session took place from 6:30 PM to 7:30 PM and was presented by Er. Shajeer Basheer, Secretary of the IPA Trivandrum Chapter. The event was coordinated by Ms. Radhika P, IPA Mentor at MBCET, providing an informative opportunity for Civil Engineering students to learn about plumbing systems.

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MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS

DEPARTMENT OF CIVIL ENGINEERING
in association with
IPA MBCET STUDENTS CHAPTER
presents

WEBINAR on
INTRODUCTION TO PLUMBING SYSTEMS

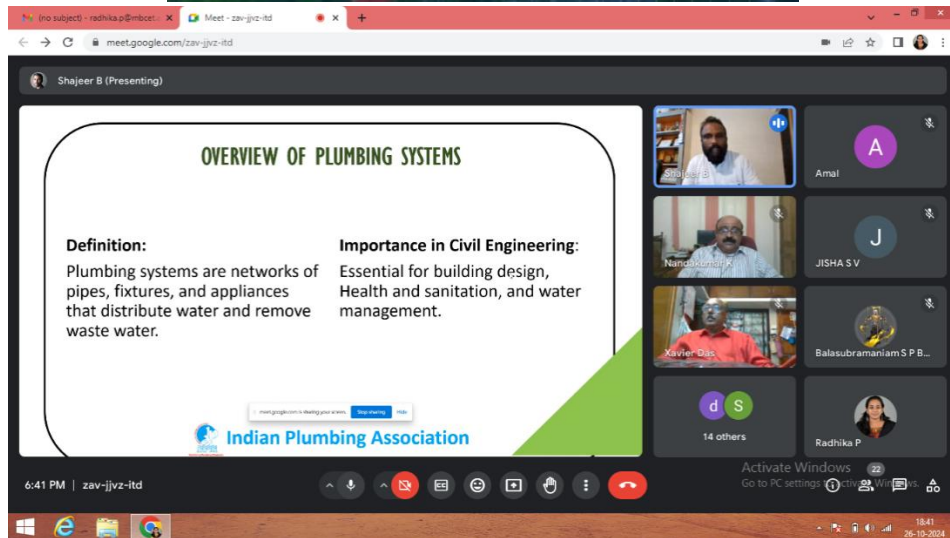
Presented by:
Er.Shajeer Basheer
Secretary, IPA trivandrum chapter,
Managing director ,
ACE consultants and engineers.

OCTOBER 26, 2024
SAT, 6.30 PM IST

Register: : <https://tinyurl.com/3v2tdhzh>

Digital certificate will be issued to active participants

Contact:
Mr. Amal A., S7 CE2, Chairman, IPA-MBCET Student Chapter (+91 8129411255)
Ms.Radhika P. , Assistant Professor and Mentor, IPA- MBCET Student Chapter



Shajeer B (Presenting)

OVERVIEW OF PLUMBING SYSTEMS

Definition:
Plumbing systems are networks of pipes, fixtures, and appliances that distribute water and remove waste water.

Importance in Civil Engineering:
Essential for building design, Health and sanitation, and water management.

Indian Plumbing Association

Participants: Amal, JISHA S V, Balasubramaniam S P B..., Radhika P, 14 others

6:41 PM | zav-ijvz-ikd

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2. Tree Plantation Drive – “A Tree in the Name of Mother”

Date: 7th November 2024

Time: 4:30 PM onwards

Inaugurated by: Rev. Fr. John Varghese Palanilkunnathil, Director, MBCET

Dignitaries Present: Mr. Nandakumar K. (Chairman, IPA Trivandrum Chapter), Mr. Thomas Job (Vice Chairman), Mr. Oomen T Thomas (Treasurer)

Overview:

The Department of Civil Engineering, in association with IPA Trivandrum Chapter, organized this event as part of the National Water Mission. A total of 50 saplings were planted across the campus to promote environmental conservation and water resource protection.

Outcome:

The event strengthened community bonding, instilled environmental stewardship among students and staff, and highlighted the nurturing spirit of mothers through meaningful symbolism.

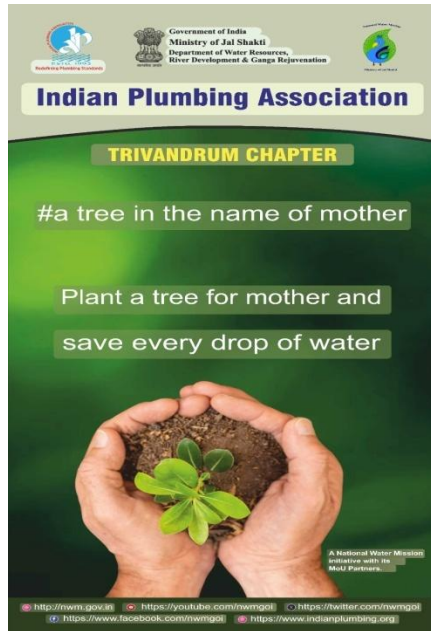
Mar Baselios College of Engineering and Technology Hosted Tree Plantation Drive in Collaboration with Indian Plumbing Association on **7th November 2024**, the Department of Civil Engineering at Mar Baselios College of Engineering and Technology (MBCET), in association with the Indian Plumbing Association (IPA) Trivandrum Chapter, organized a meaningful tree plantation drive as part of a National Water Mission initiative. This event, titled “A Tree in the Name of Mother,” was aimed at raising awareness about environmental conservation and water management.

The event was inaugurated by the esteemed Director, Rev. Fr. John Varghese Palanilkunnathil, at 4:30 p.m., marking the beginning of an impactful and eco-friendly activity on campus. The inauguration was graced by the presence of **Mr. Nandakumar K.**, Chairman IPA Trivandrum chapter, **Mr. Thomas Job**, Vice chairman, **Mr. Oomen T Thomas**, Treasurer with other staffs members and students. Following the inauguration, the college community enthusiastically participated in the planting of 50 saplings across various locations on the campus. The sapling planting was conducted by both students and faculty members, symbolizing their commitment to environmental stewardship and dedication to a sustainable future. The initiative emphasized the importance of planting trees in honor of loved ones, particularly mothers, as a tribute to their nurturing spirit and resilience. This event also served as a reminder to conserve water and protect natural resources, aligning with the mission of the Indian Plumbing Association and the National Water Mission. It not only strengthened the bond between students and faculty but also instilled a sense of responsibility towards nature among the participants.

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The Department of Civil Engineering and the IPA MBCET Students Chapter are proud to have hosted this event, inspiring a greener and cleaner campus while honouring the essence of motherhood through the “A Tree in the Name of Mother” initiative.



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3. Skill Up-gradation & Hands-on Training on Installation of Various Piping Systems

Date: 1st February 2025

Inaugurated by: Er. K. Nandakumar (Chairman, IPA Trivandrum Chapter)

Resource Persons:

- Er. Shajeer Basheer, Hon. Secretary, IPA Trivandrum Chapter
- Er. Asger A S, EC Member, IPA
- Practical Training led by Mr. Roy M.D.

Coordinator: Ms. Radhika P., Assistant Professor, Civil Engineering

Overview:

This hands-on session provided practical training in installing different types of piping systems used in modern construction. The event bridged the gap between theory and practical skills, giving students exposure to real-world techniques and tools.

Outcome:

Students gained valuable hands-on experience, improving their technical competence and readiness for industry roles.

The **Indian Plumbing Association (IPA) MBCET Student Chapter** organized a **Skill Upgradation & Hands-on Training** session on the **Installation of Various Piping Systems** on **1st February 2025**. The event was aimed at enhancing the practical knowledge and technical skills of students in plumbing and piping systems, which are crucial in the construction and infrastructure industry.

The session was inaugurated by **Er. K.Nandakumar (Chairman IPA trivandrum chapter)** in the presence of experts from rotary club , trivandrum and IPA trivandrum chapter. The technical session was led by **Er. Shajeer Basheer (Hon. Secretary, IPA)** and **Er. Asger A S (EC Member, IPA)**, who shared their expertise and industry insights with the participants. The training provided hands-on experience in installing different types of piping systems, equipping students with valuable practical skills by Mr.Roy M.D.

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The event was coordinated by **Ms. Radhika P, Assistant Professor, Civil Engineering Department.** The session saw enthusiastic participation from students, who gained a deeper understanding of plumbing systems and their applications.

This initiative is part of MBCET's ongoing efforts to bridge the gap between theoretical knowledge and practical application, ensuring that students are industry-ready upon graduation.



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4. World Plumbing Day & Founders Day Celebration

Date: 4th March 2025

Venue: Laurie Baker Hall, MBCET (Civil Department)

Theme: “Plumbing is More”

Overview:

The event raised awareness about the role of plumbing in ensuring public health and sustainable living. A Poster & Essay Competition was conducted to encourage students to think creatively about plumbing’s expanded significance in modern society.

Outcome:

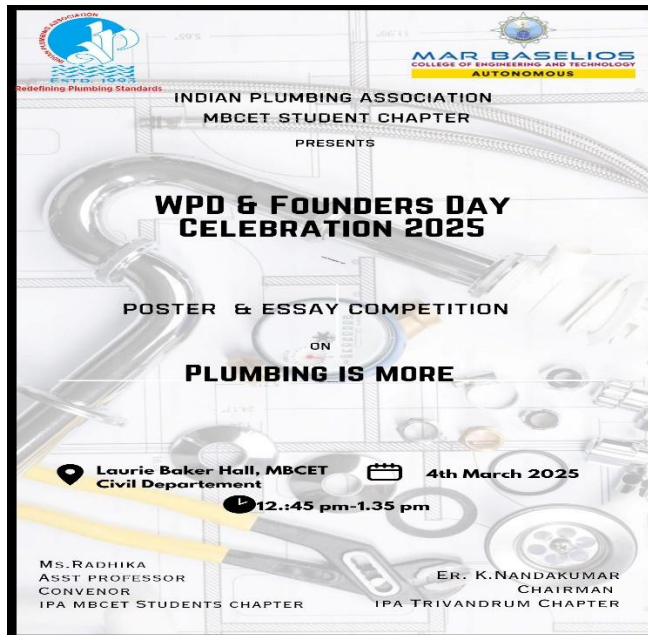
The celebration promoted the importance of plumbing in safeguarding health, conserving water, and fostering innovation.

The Indian Plumbing Association – MBCET Student Chapter organized the *WPD & Founders Day Celebration 2025* on **4th March 2025** at **Laurie Baker Hall, MBCET (Civil Department)**. The event, themed “**Plumbing is More,**” aimed to raise awareness about the critical role of plumbing in public health and environmental sustainability.

As part of the celebrations, a **Poster & Essay Competition** was conducted for encouraging students to creatively express their understanding of the evolving significance of plumbing beyond its conventional scope

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5. PIPE MASTER 2025

Date: 27th February 2025

Venue: Department of Civil Engineering, MBCET

Collaborators: Civil Engineering Students Association (CESA) & IPA Trivandrum Chapter

Event: Conducted as part of UTBHAV Tech Fest

Overview:

PIPE MASTER 2025 tested students' technical skills in plumbing and pipe-fitting through a rigorous competition. A total of 24 participants, including 3 external teams, showcased their expertise and teamwork.

Winners:

- **First Prize:** Shambhu Jayachand, Aswin P.R., Gokul S.S.
- **Second Prize:** Pranav J.R., Janisha M.S., Rohan Vinod

Outcome:

The event fostered healthy competition, hands-on learning, and collaborative problem-solving among participants.

In association with the technical fest UTBHAV, the Civil Engineering Students Association (CESA) of Mar Baselios College of Engineering and Technology (MBCET), in association with the IPA Trivandrum Chapter, successfully conducted PIPE MASTER 2025 on February 27, 2025, at the Department of Civil Engineering, MBCET. The event, part of Utbhav 2025, was aimed at testing participant's precision, performance, and plumbing perfection. A total of 24 participants took part, including 3 external participants. The competition was intense, with students demonstrating exceptional technical skills in plumbing and pipe-fitting tasks.

After rigorous rounds of evaluation, the winners were:



First Prize –
Shambhu Jaya chand
Aswin PR

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Gokul SS



Second Prize –

Pranav JR
Janisha MS
Rohan Vinod

The event concluded on a high note, fostering learning, teamwork, and hands-on experience in plumbing engineering.



The poster is for the 'PIPE MASTER' competition, organized by the Civil Engineering Students Association (CESA) in association with the Indian Plumbing Association (IPA) Trivandrum Chapter. It features logos for Mar Baselios College of Engineering and Technology, the Indian Plumbing Association (founded in 1983), and the UTBHAY 2025 logo. The event is scheduled for 27 February 2025 at 10:30 AM in the Department of Civil Engineering (MBCET). The registration fee is Rs 200/- and the prize worth is Rs 5000/-. A QR code is provided for registration.

PIPE MASTER
Precision. Performance. Plumbing Perfection
DATE : 27 FEBRUARY 2025
TIME : 10:30AM
VENUE : DEPARTMENT OF CIVIL ENGINEERING (MBCET)
REG FEES Rs 200/-
PRIZE WORTH Rs 5000/-



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6. Poster Making Competition — “CANVAS”

Date: 22nd March 2025

Venue: Drawing Hall, Department of Civil Engineering, MBCET

Theme: “Glacier Preservation” (World Water Day)

Coordinators: Dr. Dhanush S. and Dr. Alice Thomas

Overview:

Organized by the Outreach Cell, Water Management Cell, IPA, and Engineers’ Federation of Kerala Water Authority, the competition encouraged high school and higher secondary students to express their ideas on glacier conservation through creative artwork.

Outcome:

The event inspired young minds to care for natural water resources and increased awareness of climate change challenges.

The Outreach Cell of the Civil Engineering Department of Mar Baselios College of Engineering and Technology (Autonomous), in association with the Water Management Cell, **Indian Plumbing Association**, and Engineers’ Federation of Kerala Water Authority, successfully organized a **Poster Making Competition** titled "CANVAS" on **March 22**, in celebration of **World Water Day**.

The event was held at **10:00 AM** in the Drawing Hall of the Civil Engineering Department, MBCET. The theme for the competition was "**Glacier Preservation**", emphasizing the importance of conserving glaciers and raising awareness about climate change and water resource sustainability.

The competition was open to **high school and higher secondary school students**, and it witnessed enthusiastic participation from **10 students representing various schools**. Participants expressed their creativity through hand-drawn posters and paintings, aligning their artwork with the central theme.

The event provided a platform for young minds to showcase their talent and concern for environmental conservation while promoting awareness about the global water crisis.

For coordination and queries, faculty members **Dr.Dhanush S** and **Dr. Alice Thomas** served as the event points of contact.

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Outreach cell of Civil Engineering Department
in association with
Water Management Cell,
Indian Plumbing Association
&
Engineers' Federation of Kerala Water Authority
PRESENTS

CANVAS

POSTER MAKING COMPETITION

HAND DRAWINGS AND PAINTINGS

MAR 22

World Water Day

FOR HIGH SCHOOL AND HIGHER SECONDARY SCHOOL STUDENTS

Time: 10 am
Venue : Drawing Hall,
CE Department, MBCET
Theme : Glacier Preservation



REGISTER TO ENSURE YOUR PARTICIPATION
#Kindly bring your own drawing tools
If any queries,
Mr Dhanush S S : 8075454713
Dr Alice Thomas : 9930443475
https://docs.google.com/forms/d/1CfW_SNF0A4y0k7TUrBDWY9uAuUWSmx2eNjBck4qxL8

