

PEDAGOGY

Lecture Series

Dr. Kalanithy Vairavamoorthy, Deputy Director General at the International Water Management Institute (IWMI) and a prominent figure at the International Water Association (IWA), delivered an insightful lecture on urban water management. During the session, he introduced students to advanced water management techniques and key concepts such as the “readiness index” and the reuse of water. Dr. Vairavamoorthy also engaged the students in a productive Q&A, addressing their queries and further deepening their understanding of innovative practices in sustainable water management. This enriching lecture provided valuable knowledge to students, enhancing their perspective on modern urban water solutions.



Figure 1 - Lecture by Dr. Kalanithy Vairavamoorthy-Deputy Director General at the International Water Management Institute.

Source: FP Gauree Ghawalkar

MUH TOD Workshop

On 5th September 2024, students attended an engaging lecture on Transit-Oriented Development (TOD) delivered by Prof. Nitika Bakuni. The session focused on real estate development around TOD hubs and its crucial role in urban growth and economic sustainability. Using examples from cities like Hong Kong, Singapore, and London, Prof. Bhakuni demonstrated how non-fare revenue is generated through commercial and hospitality developments around transit stations, optimizing land use and enhancing urban functionality.

The lecture highlighted the importance of product mix and development typology, discussing how factors like built-up area, revenue generation, and incurred costs are strategically managed. Students learned how mixed-use developments, such as shopping centers and hotels, play a significant role in increasing profitability while serving transit populations.

This session gave students valuable insights into the financial and planning aspects of multimodal hubs, especially in the context of public-private partnerships (PPP), offering practical knowledge on making TOD projects sustainable and economically viable.



Figure 2 - Nil from MUH Batch 2023-25 showcasing the proposal for a Multi-Modal Logistics Park located near Ghodhavi, Ahmedabad.

Source: MUH Outreach Team

Master's in Urban Transport Systems Students Present Detailed Project Report on Rajkot Rapid Transit System

Students from the Master's in Urban Transport Systems (MUTS) program presented their work on a "Detailed Project Report (DPR) for a Rapid Transit System in Rajkot" during their mid-semester jury. The presentations covered urban transit technologies, current transport analysis, future projections, and potential transit corridors. The experienced jurors provided feedback on their innovative solutions for improving urban mobility in Rajkot. This session was a valuable platform for students to engage with professionals and refine their



Figure3 - MUTS Batch 2023-25 presenting their work to Prof. Shivanand Swami, Prof. Mona Iyer, Prof. Nikita Bhakuni, Prof. Rutul Joshi, Prof. Khelan Modi.

Source: MUTS Outreach Team

Master's in Urban Infrastructure Student's Site Visit To Rajkot

The students of the Masters of Urban Infrastructure Planning, 2023-25 batch, conducted an extensive site visit to Rajkot, focusing on four key sectors: water supply, used water and sanitation, stormwater management, and solid waste management. The visit involved various on-ground surveys, including bucket surveys to assess Non-Revenue Water (NRW), and visits to slum areas to identify the needs of vulnerable communities. A waste audit was conducted to analyze the city's waste management practices. It also involved collecting more than 70 water samples across the city to test the quality at the NABL accredited lab at CEPT University.

The students also visited the Integrated Command and Control Center (ICCC) to understand how Rajkot handles urban complaints and monitors civic issues in real time. The visit culminated in a detailed presentation of sector-wise findings along with a shelf of projects to the Deputy Commissioner of Rajkot Municipal Corporation (RMC). His feedback provided practical insights, helping align student proposals with the city's needs. The visit offered invaluable field experience, equipping students with a deeper understanding of urban infrastructure challenges.



Figure4.1 - Rachit conducting a survey in Rajkot's informal settlements.

Source: FP Gauree Ghawalkar



Figure4.2 - MUI Batch, with tutors Mona Iyer and Siddh Doshi, presenting their work to Rajkot's Municipal Deputy Commissioner, Mr. Nandani.

Source: MUI Outreach Team



Figure4.3 - Yaamini, Gauree, and Ashish learning about the ICC center in Rajkot.

Source: FP Yaamini Rangarajan

Housing Project Studio Mid-Sem Jury: Monsoon 2024

The Housing Project Studio Mid-Semester Jury for the third semester of the Monsoon 2024 term was a pivotal event for students. Held under the supervision of jurors Sanchit Saraf and Jyoti Tomar, the jury served as a critical evaluation platform for students working on innovative housing projects. The projects ranged from pivotal real estate around Multi-modal Transport hub projects at Kalupur and Sabarmati, industrial development and slum redevelopment along with other housing projects.

Each participant presented their unique design approaches and solutions to address contemporary housing challenges, demonstrating their understanding of space utilization, user needs, and urban housing dynamics. The jurors provided constructive feedback, pushing students to refine their concepts and enhance their financial skills.

This jury session was essential for the third-semester students, not only to showcase their progress but also to prepare for future financial calculations. The critiques and discussions that followed allowed students to reflect on their work, incorporating valuable insights from experienced professionals to advance their projects for the final jury. The session was both a learning experience and a stepping-stone towards their academic and professional growth.



Figure5 - MUH Batch 2024-25 with Mr. Sanchit Saraf, Prof. Amit Mistry, Prof. Jyoti Tomar and TA Meet Patel after their presentations.

Source: MUH Outreach Team

FP Achievement

Research presentation at International WASH conference

Aakash Jain (FP PG 23-25) presented his research on "Fecal Sludge Management for Addressing Contamination in Rural Water Systems" at the international WASH conference, held from 17-21 September 2024. The study, guided by professors Saswat Bandyopadhyay and Gargi Mishra, focused on leveraging urban infrastructure to co-treat rural septage, proposing strategies for 150 villages in the Ahmedabad Urban Development Authority region by 2041.

06



Aakash Jain

Master's in Urban Infrastructure Planning

“The research focused on sustainable Approaches to Fecal sludge management for Accessible and Improved Sanitation in the peri-urban and rural areas of Ahmedabad with an Urban-Rural convergence model through co-treatment of rural septage with wastewater at urban STPs.”

Figure6 - Aakash Jain, MUI
Source- MUI outreach team

Prameya '24

Prameya' 24 was a dynamic three-day fest from September 27th to 29th, filled with cultural and sports events organized by the FP Student Council. The event showcased four exciting activities, engaging students in discussions and hands-on learning about urban development and youth involvement.

The event kicked off with a Panel Discussion on Youth Participation in Urban Planning, featuring distinguished speakers like Ms. Avanti Maniyar, Ms. Anukriti Pathak, Ms. Urvashi Yadav, Mr. Ramit Raunak, Mr. Yohan Wadia, and Dr. Ruma C. They emphasized the vital role youth play in shaping cities and encouraged active involvement in policy and governance.



Figure7.1 - Students dance performance

Source - FP outreach team



Figure7.2 - Band performance

Source - FP Outreach Team

In the fun and informative “Stakeholders ka Chakkar” roleplay, students acted out real-world scenarios involving key stakeholders in Indian urban development. This session provided practical insights into the complexities of stakeholder interactions in urban projects.

The event also saw the launch of the Nagri Magazine, where the newsletter team presented articles on urban planning and student initiatives while the Sports’ Team proudly unveiled their new team T-shirts, symbolizing their unity and enthusiasm.



Figure7.3 - “Stakeholders ka Chakkar” Roleplay by FPPG Batch

Source- FP Outreach Team, Prabh Seerat Kaur



Figure7.4 - Panel Discussion with Mr. Ramit Raunak on urban solutions

Source- FP Outreach Team, Prabh Seerat Kaur



Figure7.5 - ‘Nagri’ magazine, curated by the FP Newsletter Team.

Source: FP Outreach Team

Finally, the “Youth and Urbanization” Debate brought lively discussions between the students and faculties. The teams debated on themes revolving around youth, innovation, education, and smart cities. The judges praised the participants for their well-researched arguments and delivery.

Among the sports’ events, highlights included a thrilling table tennis match where Mihir Desai triumphed over Harun Sharma, an intense volleyball final won by Likho 98, and a strategic chess victory by Yajan Bhatt. The football match between Likho 98 and Jetha ke Jaanbaaz ended with Likho 98’s win, while the treasure hunt saw the Red Team emerge victorious. The event celebrated competition, teamwork, and student energy, making it an unforgettable experience.

Overall, Prameya 24 successfully fostered student engagement, learning, and collaboration on key urban issues.



Figure7.6 - Faculty Students Debate

Source - FP outreach team



Figure7.7 - Students dance performance

Source - FP outreach team



Figure7.8 - Sports Secretary Ishank Mishra launching the FP T-shirt.

Source: FP Outreach Team, Prabh Seerat Kaur



Figure7.9 - Sports Secretary Ishank Mishra launching the FP T-shirt.

Source: FP Outreach Team, Prabh Seerat Kaur

“The Next Cityscape:
Crafted by Youth”

Pooja Singla | PUP23266

In cities vast, where futures grow,
Where streets are veins and skylines flow,
A youthful force begins to rise,
With dreams that light the urban skies.

Amidst the noise, the rush, the pace,
They seek to find and shape the space,
Equipped with tech, with heart, with drive,
To make the city truly thrive.

From crowded lanes to parks anew,
From whispered plans to visions true,
They innovate, inspire, and lead,
With every thought and every deed.

No longer just the ones to wait,
But builders of tomorrow’s fate,
They challenge norms, they break the mold,
With courage fierce and bold voices.

From towering blocks to rivers’ flow,
They plant the seeds, they watch them grow,
For every corner, every space,
They paint with love and human grace.

With equity in every mind
They rise, they build, they lead with might,
Creating cities filled with light.

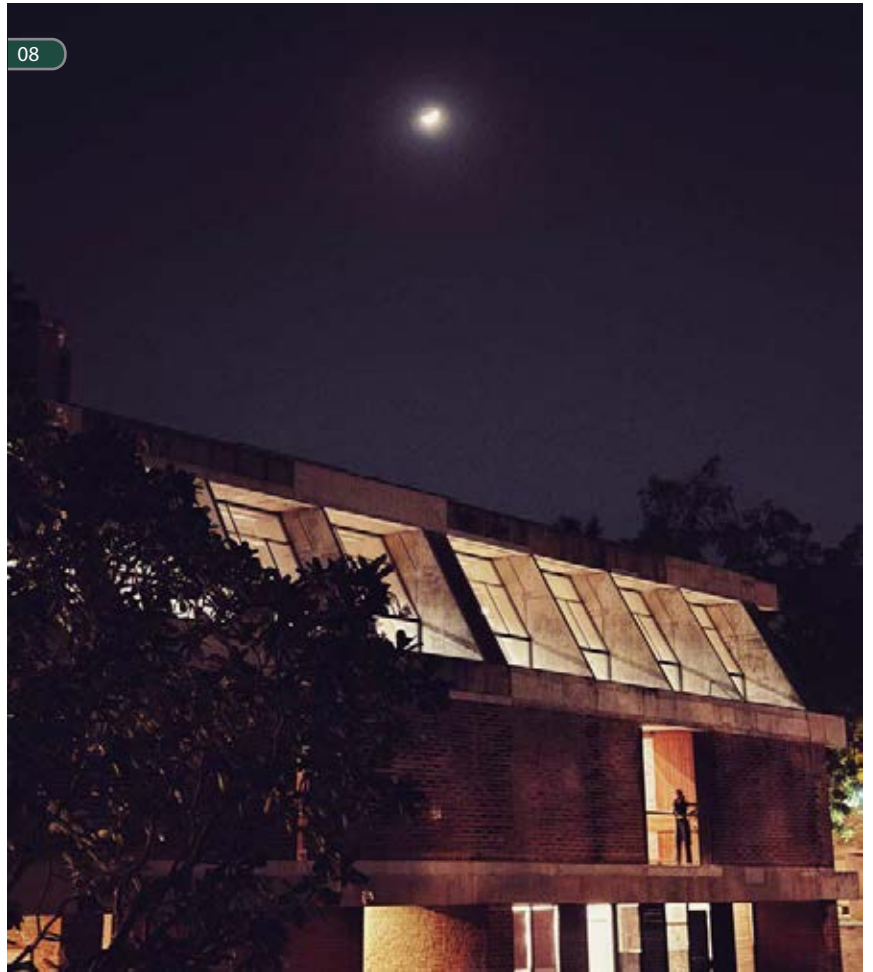


Figure8.1 - Life at CEPT

Source- Tanvi Bagwe



Figure8.2 - Life at CEPT

Source- Tanvi Bagwe

Newsletter team

The CEPT University FP Newsletter is a dynamic student led initiative dedicated to capturing the vibrant spectrum of events at the Faculty of Planning, CEPT University. From academic endeavors to extracurricular activities, the newsletter serves as a comprehensive chronicle of the university's bustling landscape. With a keen eye for detail, the team curates content that not only highlights noteworthy events but also showcases the diverse and innovative work of the students. Through engaging narratives and insightful features, the newsletter celebrates the achievements of the Faculty of Planning.



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