

The Soroptimist International Bombay Chembur (SIBC)
&
Mahatma Education Society's
Pillai HOC College of Architecture, Rasayani (PHCOA)
Announces

NIRMAL 2024

An Inter College Toilet Design Competition
An initiative on the account of

WORLD TOILET DAY



THEME - TOILET FACILITIES AT RAILWAY STATIONS

Register Here: <https://forms.gle/gosMJwqGFyspuNLr5>



NIRMAL 2024

Inter-college Toilet Design Competition

THE WORLD TOILET DAY

Soroptimist International Bombay Chembur (SIBC) and Pillai HOC College of Architecture, Rasayani are pleased to announce 'NIRMAL 2024' – an Inter college Toilet Design Competition to observe the World Toilet Day – a United Nations international observance day to inspire action to tackle the global sanitation crisis. This action is linked to the UNDP Sustainable Development Goal #6 – “Water and Sanitation for All by 2030”.

<https://www.un.org/en/observances/toilet-day>

The aim of this inter-college toilet design competition is to raise awareness about providing access to sanitation for all and to explore the role of architectural design in improving the quality, usability and cultural image of toilet facilities. The focus of the competition shall be Mumbai, Navi Mumbai and Panvel region, such that architecture students can contribute creative solutions to meet the goals of inclusive development of the area where they are living or studying.

INITIATED BY-

**Soroptimist International Bombay Chembur
Pillai HOC College of Architecture, Rasayani**



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Toilet Facilities at Railway Stations

Anyone who uses Mumbai's vast suburban train network knows about the absence or inaccessibility of toilet facilities at railway stations, especially the women commuters who would experience this even more acutely. Locating a toilet in busy stations, with thousands of commuters moving to and fro, on narrow platforms or crowded concourses or entrances is a significant challenge. As is the fact that such toilets are poorly designed, overused round the clock and under maintained. They are either difficult to locate or are eyesores. The commuters face the worst user experience and most prefer to avoid using them. On many stations public toilets are either found locked or have long been abandoned as lost causes. You are called upon to redress this situation with good planning and innovative design, to create toilets that are easily accessible and demonstrably maintainable.

What you do today, will be beneficial to countless others tomorrow. If we accept that architecture has a social role, it is pertinent to explore the role of good design in providing sanitation facilities in our cities. **“How can a utility such as a rail station toilet be a pleasant, attractive and safe space to use for the commuters?”** This is the central question that this competition will address in the context of Mumbai's extended suburban train network. It will explore architecture of toilets with a fresh approach. Here, the emphasis should be on creative programme formulation and innovative design strategies rather than mere technical solutions.

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Site Selection and Design Program

The participants of the competition will select a suburban railway station from any of the local train network of Mumbai and extended region. Based on the chosen station and its existing scenario, they can locate, relocate or redesign the toilet facilities.

Participants will create their own design programme. At the minimum, the facility should include relevant utilities for urinating and defecating (bathing is not included). The facility should cater to male, female, gender neutral and persons with disabilities. Also, it will have a provision for areas for upkeep, maintenance and staff facility. The quantum of requirement will be derived by the participants based on the chosen site context.

The participants should address the following concerns in their design proposals:

- 1.Appropriate siting of toilet facilities at suburban railway stations.
- 2.The role of space planning and innovative design programme to improve the commuter experience.
- 3.The role of architectural design in achieving a good standard of hygiene.
- 4.Consideration for privacy, safety and accessibility for people of all genders and abilities.
- 5.Innovation in toilet architecture for inducing a change in the perception and cultural acceptability of a public facility.

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Eligibility

NIRMAL 2024 Toilet Design Competition is open for under-graduate students of architecture currently studying in extended Mumbai and Navi Mumbai area of colleges of various universities.

Registration is online and is mandatory. There is no entry fee.

Guidelines for Registration and Participation in the Competition

- 1.Number of students per each team will be not more than three and they will be from the same college.
- 2.Each team shall upload a copy of a bonafide certificate/Institution's identity card of curect academic year, from their college at the time of registration.
- 3.Upon successful registration, each team will be given a code for use in their final submission. Only this code should be used on the submission sheets, on the bottom right hand corner (Style: Calibri, bold, Size:14pts). Participants should not reveal their identity in any form anywhere in the entry submission.
- 4.Each team shall upload a signed declaration for anti-plagiarism and bonafide certificate, duly signed by Head of the institute or authorised personnel, along with the entry submission.
- 5.An independent jury panel shall review the entries. Their decision will be final and binding to all.

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Submission Requirement

1.A SINGLE PDF of maximum 6 sheets (printable at A3 size) (not exceeding 10MB) that should consist of explanations of the chosen railway station context, design programme, design strategies, drawings at appropriate scales, graphics, diagrams, sketches and text – to communicate the design proposal.

Every sheet should display the entry code provided at the time of registration on the bottom right-hand corner (Style: Calibri, bold, Size:14pts). Names of the students or the college should not be mentioned anywhere in the submission.

2.Declaration Form for anti-plagiarism.

3.Bonafide certificate duly signed by Head of the institute or authorised personnel, along with the entry submission.

Instructions for uploading the submission will be sent to all registered participants.



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Schedule for NIRMAL 2024

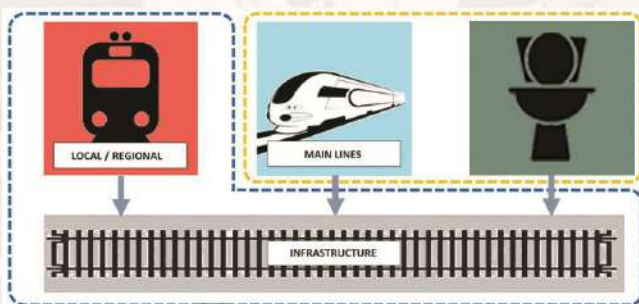
21 October: Announcement of the competition and opening of online registration

26 November: Public Lecture (will be announced soon)

30 November: Last date for registration

8 December: Last date of submission of competition entries by the registered participants (11:59 PM).

23 December: Announcement of the result, jury comments and display of winning entries.



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Prizes

1st Prize: Rs. 10,000/- and certificate

2nd Prize: Rs. 6,000/- and certificate

3rd Prize: Rs. 4,000/- and certificate

Popular Choice Award: Rs. 1000/- and certificate

Digital certificate of participation will be given to all eligible competition entrants

Register here: <https://forms.gle/gosMJwqGFyspuNlr5>

Contact us on : nirmal2024@mes.ac.in

Convener: Dr. Smita Dalvi, Governing Board Member, Sorooptimist International Bombay Chembur, Professor, Pillai College of Architecture, Panvel

Co-convener: Prof. Suchita Sayaji, Principal, Pillai HOC College of Architecture

Faculty Co-ordinator:

Prof. Sagarika Mukherjee

Email: sagarikamukherjee@mes.ac.in

Student Co-ordinators:

Shruti Bandgar- +91 88502 81441

Mahesh Patil- +91 93726 19016

The logo for NIRMAL 2024 features a large orange circle with a purple horizontal bar across its center. The text "NIRMAL 2024" is written in white, bold, uppercase letters on the purple bar.

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Edward Weston - (3)