"UOM BUS-STOP"

STUDENT
Design Competition '24/25

By Alumni of the University of Moratuwa

"UOM BUS-STOP"

Objective: Design a sustainable, functional, and aesthetically appealing bus stand for students at the University of Moratuwa. The structure should reflect the university's culture, address the unique environmental conditions, and cater to the needs of students, staff and other commuters. The design should be sensitive to the context, traffic flow, and tropical climate, and should embody the university's reputation for innovation and engineering excellence.

It is intended to construct the winning design at the current bus stand location.

STUDENT DESIGN COMPETITION

1. Location & Integration:

The location is as shown in the illustration near to the University of Moratuwa's main pedestrian entrance. The bus stand should be a maximum of 120 ft2 (form and shape to be decided by the competitor).

Design should integrate well with the immediate landscape of the University and blend with the surrounding structures, ensuring minimal environmental disruption and minimum disturbance to existing infrastructure.

2. Design & Aesthetic Appeal:

The bus stand should reflect the values and aspirations of the University of Moratuwa, capturing the essence of Sri Lankan culture and contemporary design.

Design should be visually striking, with innovative use of local materials and sustainable architectural elements that resonate with the University environment.

3. Functionality & Comfort:

Provide seating, shelter, and a comfortable waiting area, designed to handle high peak volumes while catering to the needs of students, staff, and other commuters.

Incorporate thoughtful features such as natural ventilation, weather protection, and clear signage.

4. Sustainability:

Emphasize eco-friendly materials and sustainable practices, possibly including solar panels, and encourage environmentally conscious behaviours, with facilities for waste segregation and recycling bins.

5. Technology & Innovation:

Incorporate technology to enhance the user experience, such as real-time bus tracking displays, password-protected Wi-Fi, USB charging stations, and digital information/advertising boards.

Consider design innovations specific to the local context, such as energy-efficient lighting or modular spaces that allow for future expansion.

6. Accessibility & Safety:

Ensure the design is accessible to individuals with disabilities, providing ramps and clear pathways.

Prioritize safety through surveillance options and emergency lighting.

Submission Requirements:

Important Note: Use the following checklist to present the scheme with maximized impact.

☐   Entry Form

All entries should be accompanied by a properly filled entry form (refer to attachments). An individual or group can submit only one entry.

a.   The Entry Form must be submitted separately along with other submissions.

b.   The digital version of the Entry form must be emailed to alumni@uom.lk with the email

         title "UOM BUS-STOP" STUDENT DESIGN COMPETITION", and the file name set as "Your Name-Entry From".

☐   Design Report

The design report consists of two sections.

Section 1 - Concept Statement- not be more than 300 words

Section 2 - A brief description of technological and design innovations incorporated outlining sustainable design features, materials selected, and projected environmental impact specific to Moratuwa's climate and landscape. (maximum 300 words).

c.   Design Report must be in A4 size portrait orientation, not landscape orientation.

d.   The digital version of the design report must be emailed to alumni@uom.lk with the email

         title "UOM BUS-STOP" STUDENT DESIGN COMPETITION", and the file name set as "Your Name-Design report".

Submission Requirements:

e.   Design Report Submission must be a single document with at least 150 dpi in PDF format ONLY.

Do not place your name or other identification details on the report to ensure anonymity during the judging process

☐   Presentation Boards

Only 01 No of A1 – size presentation board illustrating site plan, floor plan, elevation, furniture layout plan and site analysis. Concept sketches and 3D renderings (day and night views) to showcase the design intent and integration with the university's landscape.

f.   Presentation Boards must be designed in portrait orientation, not landscape orientation.

g.   The digital version of the A1 board of the project must be emailed to alumni@uom.lk with the email title "UOM Bus Stand Competition", and the file name set as "Your Name-Presentation Board".

h.   Presentation Board Submission must be at least 150 dpi in JPEG format ONLY.

Do not place your name or other identification details on the presentation board to ensure anonymity during the judging process.

NOTE: Please ensure submitted entries are complete, incomplete entries may not be entertained and accepted.

Rules and Regulations:

i. Participants must be registered undergraduate students at the University of Moratuwa. Students may participate as individuals or as groups of a maximum of 03 individuals from any stream.

ii. Only one entry is allowed per student/group.

iii. Entries must strictly conform to the submission guidelines and must be submitted on time.

iv. The final date of submission is on or before 3.00 pm ~~06th January 2025.~~ 20th January 2025.

v. The rights of all entries remain with the participants, University of Moratuwa Alumni reserve the right to use the entries to publish and to modify and construct the bus stop near the University of Moratuwa.

vi. The Judges' decisions are final.

vii. Shortlisted candidates will be notified to make an oral presentation as part of the final judging procedure.

viii. Winners will be notified. Winning entries may be featured in marketing and promotional materials as deemed appropriate by the organizers and sponsors.

ix. Prizes are non-transferable and non-exchangeable.

x. All participating students need to have a valid University Identity or Record book at the time of application.

xi. The entries for UOM BUS-STOP STUDENT COMPETITION 2024/25 must be the participant's own original work.

xii. Submission must meet the submission requirements and presentation criteria. Submissions that do not comply with the requirements will not be accepted.

All hardcopy submissions are to be handed over to Ms. Yashodara Karunarathne ,Assistant Registrar External Affairs, Publicity and International Student Promotion Division, University of Moratuwa on or before 3.00 pm ~~06th January 2025~~ 20th January 2025

Softcopies of the above submissions are to be emailed to alumni@uom.lk on or before 3.00 pm ~~06th January 2025~~ 20th January 2025

Cash Awards:

1st Prize: 100,000.00 (LKR)

2nd Prize: 50,000.00 (LKR)

3rd Prize: 25,000.00 (LKR)

Evaluation Criteria

Entries will be judged on design innovation, functionality, sustainability, integration with the university, and feasibility of construction.

We invite the students at the University of Moratuwa to envision a bus stop that serves as a practical sustainable and welcoming gateway reflecting the University's commitment to innovative and environmentally responsible design.

The following person has been designated to handle inquiries regarding the competition.

Ms. Yashodara Karunarathne, Assistant Registrar , e-mail ar-eap@uom.lk, 0112650018