AMITY UNIVERSITY MAHARASHTRA

Established vide Maharashtra Act No.13 of 2014, of Government of Maharashtra, and recognized under Section 2 (f) of UGC Act 1956.

Report on SDG 11

Sustainable Cities and Communities

Reporting Year 2025



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Index of activities

No.	Activity	Date	School
1	Drone Engineering for the Built Environment	2 May 2025	RICS School of Built Environment
2	Drone Making Workshop	13 May 2025	RICS School of Built Environment
3	Sanrachna 2025: Bamboo and Architecture Workshop	17 and 19 March 2025	Amity School of Architecture and Planning
4	Webinar on LEED Certification and Sustainability	25 September 2025	RICS School of Built Environment
5	Wildlife Tourism Conclave and Awards: Student Volunteering	24–26 January 2025	Amity Institute of Travel and Tourism
6	Two-Day IIC Event: Tourism Trends, Research and Sustainable Development	27–28 February 2025	Amity Institute of Travel and Tourism
7	Tourism Industry–Academia Conclave: Transforming Tourism	9 October 2025	Amity Institute of Travel and Tourism
8	Faculty Development Programme: Remote Sensing and Smart Materials	11–18 August 2025	Amity School of Engineering and Technology

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Amity University Mumbai's Compliance Portfolio for UN SDG 11: Sustainable Cities and Communities

Amity University Mumbai (AUM) is fundamentally committed to integrating the United Nations Sustainable Development Goals (SDGs) into its operational matrix, core academic curricula, infrastructure growth, and regional community outreach pipelines. This document systematically compiles verifiable institutional policies, green facility specifications, curriculum architectures, and verified community impact tracking reports to demonstrate the university's performance regarding SDG 11: Sustainable Cities and Communities. Through documented engineering solutions, heritage preservation frameworks, open structural resource parameters, and rural optimization missions, the university establishes a robust, highly authentic baseline as an engine for regional inclusion, safety, resilience, and operational sustainability.

Strategic Mapping of SDG 11 Dimensions

SDG 11 Core Dimension	AUM Institutional Actions	Verifiable Compliance Evidence
Support of Arts & Heritage	Preservation campaigns for historical stepwells, fine arts heritage site mapping, and open cultural symposia.	Amity School of Architecture & Planning (ASAP) 'Maharashtra Stepwells Foundation' & ASFA Curatorial Initiatives
Green Operational Campus	Energy-efficient environment, zero-emissions campus mass transit, solar grid arrays, and rainwater harvesting infrastructure.	AUM Institutional NIRF Disclosure & Universal Disability Support Policies
Inclusive Curriculum	Compulsory behavioral science, specialization courses in built vs unbuilt environments, and research integrity frameworks.	AUM Academic Council Coursework Maps & Equality, Diversity, and Inclusion (EDI) Guidelines
Community Resiliency	Intensive rural residency camp deployment, local village adoptions, health infrastructure mapping, and technical skill transfers.	National Service Scheme (NSS) Gram Panchayat Special Camp Audit & ASFDT Outreach

Sustainable On-Campus Operations & Infrastructure

Amity University Mumbai sets a significant regional benchmark by functioning on a highly optimized campus layout explicitly structured to minimize environmental footprint while maximizing accessibility and safety. The university's built environment actively embeds resource circularity and accessibility standards into its everyday operational baseline:

Energy-Efficient Infrastructure: As documented in official data disclosures, the university prioritizes energy-efficient buildings, renewable solar panel grid installations, and comprehensive recycling infrastructure to maintain sustainable procurement benchmarks.

Low-Carbon Mobility & Mass Transit: To lower regional emissions and avoid traffic congestion, the campus operates dedicated smart mass transit connections running directly between Panvel Station and the Bhatan campus footprint, optimizing public transit reliance for thousands of daily stakeholders.

Universal Accessibility Infrastructure: In accordance with official institutional policy (Ref. No: AUM/RO/1529), over 80% of academic and administrative blocks feature built-in ramps, lifts, walking aid logistics, and specially designed toilets. Housing priority is legally mandated for individuals with physical mobility constraints, providing well-furnished ground-floor layouts and on-campus battery-operated vehicles to ensure safe, autonomous navigation.

Water and Resource Circularity: The university has deployed a sophisticated sustainability grid consisting of rooftop rainwater harvesting systems, percolation pits, and storage tank systems. Furthermore, institutional guidelines enforce active waste optimization via dedicated composting facilities and strict single-use plastic transition bans.

Cultural Heritage Preservation & Artistic Stewardship

Fulfilling of the UN SDGs, AUM drives continuous regional preservation initiatives led primarily by the Amity School of Architecture & Planning (ASAP) and the Amity School of Fine Arts (ASFA). The university serves as an open intellectual custodian of the region's historic and built identity through tangible public interventions:

> *Verifiable Field Evidence: The Amity School of Architecture & Planning launched a major institutional campaign titled 'An Introduction to Maharashtra Stepwells Foundation' to map, catalog, and champion the physical conservation of historic, vulnerable subterranean water heritage blocks across the state.*

Additionally, the university builds systemic experiential modules into its fine arts tracks, leading intensive museum-integrated study programs at prominent public venues like the Dr. Bhau Daji Lad Museum in Mumbai. This initiative focused on tracing historical urban art, municipal creative lineages, and architectural evolution parameters, bridging student research with public curatorial ecosystems. Annual large-scale open forums, such as the flagship 'Aminova' festival and creative symposia like

'Sanrachna' and 'Kalakriti', bring together thousands of external visitors, local crafts experts, and students, cementing AUM's status as a vital urban hub for traditional art forms and inclusive cultural dissemination.

5. Grassroots Regional Resiliency & Village Adoption

AUM firmly believes that sustainable cities cannot exist without resilient rural links. The university implements dedicated community outreach mandates through the Human Values and Community Outreach (HVCO) structural modules and the National Service Scheme (NSS) framework.

> *Verifiable Field Evidence: The university executed an intensive 7-day NSS Special Camp deployed inside the Gram Panchayat of Kalskhand, Panvel, Raigad. The mission mobilized trained student specialists and expert faculty leaders to establish long-term sustainable development metrics.*

The operational timeline of the rural deployment reveals a highly sophisticated framework for community risk reduction, consisting of systematic village engagement and strategic civic awareness sessions. The university team delivered targeted training modules covering basic hygiene education, clean water harvesting optimization, self-reliance skills, and dynamic tree-planting drives to enhance local biodiversity. These structural interventions are backed by the Amity School of Fashion Design & Technology's (ASFDT) Community Outreach Centre, which sponsors professional sewing infrastructure and runs long-term skill development programs for underprivileged local women.

Academic Frameworks & Research Integrity

To ensure that sustainability persists beyond extracurricular activity, AUM incorporates advanced urban resilience parameters into its standard curriculum tracking. The academic councils have instituted core learning tracks explicitly designed to produce future experts in smart urban development:

Specialized Professional Curricula: The architecture and engineering faculties offer advanced modules in the 'History of Architecture', 'Human Settlement and Planning', 'Architectural Conservation', 'Urban Renewal', and 'Indian Urbanism: Reimagining Cities'. These tracks train students to design built environments that respect heritage while embracing resource resilience.

Strategic Equality and Sensitization Modules: Managed directly via the Equality, Diversity, and Inclusion (EDI) Committee and the Internal Quality Assurance Cell (IQAC), all institutes execute mandatory Faculty Development Programmes (FDPs) on workplace safety and special education needs, alongside compulsory Behavioral Science coursework for students.

Dedicated Interdisciplinary Research: AUM actively incentivizes scientific research in sustainable practices, routinely hosting national SDG Conclaves titled 'Sustainable Development Goals in Practice' and international scientific forums focused on 'Circular Economy and Waste Management', accelerating cross-departmental research on zero-waste strategies.

The data and field evidence compiled in this document verify that Amity University Mumbai does not treat sustainability merely as a compliance requirement. Through its high-efficiency green campus operations, its active field campaigns to preserve vulnerable regional stepwells, its comprehensive rural residency camp models in Kalskhand, and an institutional framework that protects diversity and drives scientific circular-economy research, AUM showcases an authentic, continuous contribution to UN SDG 11. The university stands out as a clear model for modern higher education, effectively balancing learning excellence with deep civic and environmental responsibility.

Clean Amity Green Amity



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Event-wise outcome evidence

1. Drone Engineering for the Built Environment

Date: 2 May 2025

Venue: Art Guild House, Phoenix Market City Office, Kurla, Mumbai

Organising school: RICS School of Built Environment

The industry-led workshop introduced applications of drones in construction, real-estate inspection, surveying, mapping and project monitoring. The event report records 35 participants and addressed the use of aerial data to understand and manage built assets. Its contribution to sustainable urban development is technological capacity-building.



2. Drone Making Workshop

Date: 13 May 2025

Venue: RICS School of Built Environment, Amity University Mumbai

Organising school: RICS School of Built Environment

A practical workshop attended by 42 participants introduced drone components, assembly, calibration and test-flight principles, with applications discussed for project monitoring and surveying. The event built awareness of tools relevant to monitoring the urban built environment.



3. Sanrachna 2025: Bamboo and Architecture Workshop

Date: 17 and 19 March 2025

Venue: ASAP Building (A3 Block), seminar hall (A2 Block) and auditorium, Amity University Mumbai

Organizing school: Amity School of Architecture and Planning

The annual architecture event brought students into contact with architects and industry practitioners, including a bamboo workshop on 17 March. Its practical architecture and material-learning component is relevant to thinking about buildings and local resource choices, without implying that a new sustainable building was constructed. The outcome report records 200 participants.



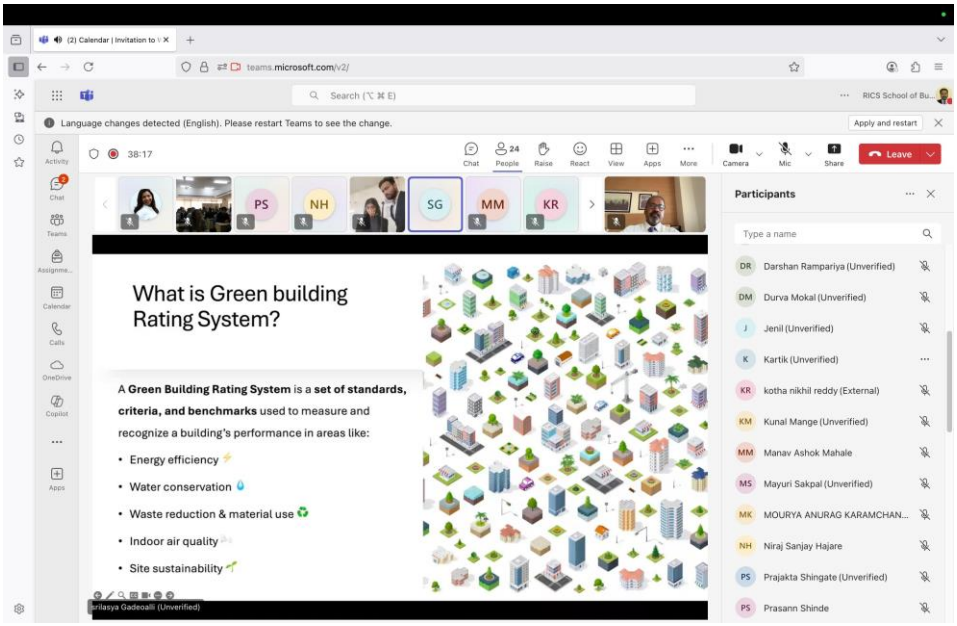
4. Webinar on LEED Certification and Sustainability

Date: 25 September 2025

Venue: RICS School of Built Environment, Amity University Mumbai

Organising school: RICS School of Built Environment

The webinar led by sustainability consultant Ms Srilasya Gadepalli from Green Initiative DWC LLC, UAE addressed LEED certification and sustainable building practices. The 69 recorded participants gained exposure to approaches for evaluating environmental performance in buildings, directly informing the sustainable built-environment agenda.



5. Wildlife Tourism Conclave and Awards: Student Volunteering

Date: 24–26 January 2025

Venue: Sanjay Gandhi National Park, Mumbai

Organising school: Amity Institute of Travel and Tourism

Eight MTTM students participated as volunteers in a wildlife tourism conclave hosted at Sanjay Gandhi National Park. The report describes dialogue on challenges, opportunities and sustainable tourism, with environment-conscious event production. The connection to SDG 11 concerns public appreciation of natural heritage and responsible visitor activity.



6. Two-Day IIC Event: Tourism Trends, Research and Sustainable Development

Date: 27–28 February 2025

Venue: Zoom platform, Amity University Mumbai

Organizing school: Amity Institute of Travel and Tourism

The online expert sessions considered tourism trends, research opportunities, careers and sustainable development, with 65 combined participants recorded. The discussion can inform how destination stakeholders weigh visitor activity against long-term community and heritage needs.



7. Tourism Industry–Academia Conclave: Transforming Tourism

Date: 9 October 2025

Venue: Multipurpose Hall, Amity University Mumbai

Organizing school: Amity Institute of Travel and Tourism

The industry–academia conclave gathered 50 participants to discuss evolving tourism needs and professional perspectives. It provided a forum for thinking about sustainable destination practice and community-sensitive visitor development.



8. Faculty Development Programme: Remote Sensing and Smart Materials

Date: 11–18 August 2025

Venue: Seminar Hall, A2 Block and online

Organizing school: Amity School of Engineering and Technology

This faculty development programme, attended by 74 participants, explored remote sensing and smart materials. Its technical content has potential applications in spatial observation, built-environment assessment and sustainable infrastructure planning.

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