

Does your institution provide mandatory annual dedicated training on environmental aspects of sustainability for staff members (faculty and professional staff members)? Please insert link to training/evidence description:

Evidence and Description:

Department of Business Administration

1. Activities impacted environmentally: Expert Session on FMCG and Agrochemical Supply Chain at East-West University



On January 8, 2025, East-West University organized an expert session on “FMCG and Agrochemical Supply Chain” for the MKT 418 course. The session was conducted by Mr. Md. Faqrul Hoque from Syngenta Bangladesh Ltd. and explored supply chain structures in both sectors. He discussed stages from procurement to delivery, emphasizing logistics, depot roles, and regional distribution networks. Students learned about real-world challenges like logistics disruptions and customer operation management. The seminar offered valuable industry insights and practical knowledge, bridging academic learning with real-world applications. It was a key step in preparing students for careers in supply chain management.

Department of Economics

Activities

1. Departmental Events in 2025 with Positive Community Impact

i) 4th East West Economics Research Conclave 2025 (April 25–26, 2025)

Venue: Nousher Ali Lecture Gallery (Hybrid Format)

Participants: Approximately 200 participants (faculty, students, researchers, policymakers)

Community & Sustainability Impact:

- Multiple sessions focused on climate change, environmental sustainability, green finance, labor, gender, health economics, and energy transition.
- Key themes included carbon footprint in agriculture, climate-induced migration, renewable energy transition, child stunting, gender inequality, and environmental pollution.
- Featured scholars from Bangladesh, India, Nepal, USA, and online international participants.
- The conclave facilitated evidence-based policy dialogue relevant to SDGs, environmental governance, and social inclusion.

ii) Policy, Climate, and Governance Engagements (Faculty-led)

Faculty members served as judges, panelists, and speakers at nationally and internationally recognized forums, including:

- CPD Climate Week 2025;
- National Youth Policy Camp 2025;
- Bangladesh Economic Summit 2025;
- Bay of Bengal Conversation (organized by Centre for Governance Studies)

These engagements contributed to policy advocacy, climate solutions, sustainable urbanization, and social development discussions at the national and global levels.

Student Achievements Linked to Sustainability and Policy Engagement

(i) National Policy Competition 2025 – East West University

- Organized by: Ministry of Youth and Sports, Government of Bangladesh

- Theme: Bangladesh’s Graduation from LDC Status: Opportunities and Challenges
- Institutional Final: September 30, 2025
- Departmental Representation: Four teams from the Department of Economics—Team Beyond Borders, Team Strategy Loom, Team Typhoon, and Team Driptopod—advanced to the final round
- Students' participation in the four teams: 10

(ii) Student Engagement in Environmental or Social Projects (2025)

- ✓ Students actively participated in sustainability-related research and policy discussions through the Research Conclave, ECO7495 course research, Economics Club activities, and national policy competitions.
- ✓ Under **ECO7495**, student research addressed urban environmental amenities and flood coping mechanisms, contributing to social welfare, disaster resilience, and environmental policy insights.

3. Field Trips in 2025 Related to Social or Environmental Activities

- **Padma Bridge Rehabilitation Site Field Trip** (August 9, 2025)
Participants: 91 students, 11 faculty members.
- The field trip had **positive social impact** by exposing students to rehabilitation, compensation mechanisms, and governance challenges affecting communities impacted by large infrastructure projects.
- **Blue Economy Field Trip – Aricha Ghat** (April 12, 2025)
- Participants: **122 students, 8 faculty members.**
- This field trip had both **social and environmental impact**, as students examined livelihood changes, environmental sustainability, and transportation dynamics following ghat relocation, linking blue economy concepts with community well-being.

Department of Sociology

Greening, Sustainability, and Social Initiatives

The Department of Sociology contributes to greening and sustainability and actively promotes social responsibility through students' community engagement and field-based learning.

Environmental Activities

1. Community-Based Environmental Actions (SOC 304 – Sociology of Environment)

Students of the *Sociology of Environment* course (SOC 304), taught by Associate Professor Dr. Mumita Tanjeela, actively participated in a series of community-based environmental activities throughout 2025 aimed at promoting ecological awareness and sustainable practices. Their initiatives included neighborhood clean-up campaigns, tree plantation drives, awareness sessions on waste segregation and plastic reduction in local schools, as well as posting environmental messages around Hatirjheel and distributing leaflets and dustbins to encourage responsible waste management. These hands-on activities helped students develop a deeper understanding of environmental issues and inspired them to become more responsible and environmentally conscious citizens.

2. Polythene Awareness Campaign in Banasree (SOC 304 – Sociology of Environment)

Students of Sociology of Environment conducted a week-long awareness campaign in the Banasree area to highlight the environmental risks of polythene use and its harmful impact on local surroundings. The aim was to encourage even a small reduction in polythene consumption. During the campaign, students visited the field on different days, distributing informational flyers and conducting surveys among residents, consumers, and business owners to assess their awareness and attitudes toward polythene pollution.

3. Climate Change Awareness through Puppet Show (SOC 304 – Sociology of Environment)

Students of Sociology of Environment organized an environmental awareness programme on climate change in Bangladesh, with a special focus on the Sundarbans and its environmental crisis. The programme was conducted through a puppet show in collaboration with the non-profit

organization Arannyak on the university campus. Students from various departments attended the event, which successfully raised awareness about climate change and its impacts on Bangladesh.

4. Field Trips

(i). Industrial Field Visit (SOC 209 – Industrial Sociology)

Students of *Industrial Sociology* (SOC 209), under the guidance of Associate Professor Dr. Anisur Rahman Khan, visited **LTD Zone Dockyard and Shipbuilders** and **HR Steel Corporation** in Fatullah, Narayanganj–Demra, Dhaka. Students engaged actively with industry personnel, discussing industrial relations, management structures, trade unions, collective bargaining, safety measures, and relevant government policies. They also visited surrounding communities to understand interactions between the dockyards and local residents.

(ii). Dasherbandi Field Visit (SOC 210 and SOC 303)

Students of *Community, Communication, and Culture* (SOC 210) and *Urban Sociology* (SOC 303) visited Dasherbandi village in Dhaka, the site of South Asia’s largest sewage treatment plant. The visit aimed to enhance students’ understanding of rural-to-urban transformation. Students examined how the expansion of real estate and infrastructure development has displaced local residents, altered land use, livelihoods, and reshaped community culture and neighborhood dynamics.

Department of Social Relations

1. Field Visits

Exploring Climate Action and Sustainable Solutions: Field Visit to CCDB Climate Centre

On May 16th 2025, students enrolled in EHS 301 and EHS 302 courses embarked on an educational field visit to the CCDB Climate Centre, Gazipur, where they explored practical and innovative solutions addressing climate change. The field visit aligns with **SDG 13 (Climate Action)** as students explored practical and innovative solutions addressing climate change. It also supports **SDG 7 (Affordable and Clean Energy)** and **SDG 12 (Responsible Consumption and Production)** through the exposure to sustainable technologies and environmental practices promoted at the CCDB Climate Centre.



Field Visit to CCDB Climate Center, Gazipur

2. Field Visits to Jaago Foundation School: Promoting Hygiene, Health, and Sustainable Practices

During January and May 2025, a total of 75 students of PSS 401 under the guidance of Dr. Touhida Tasnima, Chairperson and Associate Professor of the Department of Social Relations, participated in educational field visits to Jaago Foundation School, Banani. The visits focused on teaching young underprivileged students' essential hygiene practices through interactive activities and promoting sustainable environmental practices, such as proper waste management and incorporating eco-friendly behaviors into daily life.

These field visits align with multiple **Sustainable Development Goals (SDGs)**:

- **SDG 3: Good Health and Well-being** – by promoting essential hygiene and sanitation practices, improving health awareness among children.
- **SDG 6: Clean Water and Sanitation** – through reinforcement of sanitation-related behaviors and proper hygiene techniques.
- **SDG 12: Responsible Consumption and Production** – by encouraging sustainable environmental practices like waste management and responsible daily habits.

- **SDG 4: Quality Education** – by providing experiential learning opportunities to students and engaging young learners in health education.
- **SDG 10: Reduced Inequalities** – by targeting underprivileged children, ensuring they have access to health education and practical knowledge for better well-being.

Through these visits, students gained hands-on experience in **health education, environmental responsibility, and social engagement**, while contributing to the holistic development of underprivileged children.



Students visit to Jaago foundation school



Students sharing the valuable lessons through fun activities with the students of Jaago Foundation School

3. Field Visit to Fire Service and Civil Defense Training Centre: Enhancing Urban Safety and Resilience

On December 7, 2025, a total of 32 students of EHS 402: Urbanisation and Sustainable Cities from the Department of Social Relations, East West University, led by Dr. Asib Ahmed, conducted a field visit to the Fire Service and Civil Defence Training Centre in Purbachal, Rupganj, Narayanganj. The visit provided practical awareness training in fire safety, emergency management, first aid, and disaster response, complementing the course's focus on sustainable and resilient urban development.

The field visit aligns with **SDG 3: Good Health and Well-being** through practical training in first aid, injury prevention, and emergency response, equipping students to handle health and safety emergencies effectively. **SDG 11: Sustainable Cities and Communities** is supported by enhancing students' understanding of urban safety, fire management, and disaster preparedness, contributing to resilient and secure urban environments. The visit also promotes **SDG 4: Quality Education** by providing experiential learning and practical skill-building beyond the classroom. Additionally, the experience indirectly supports **SDG 13: Climate Action**, as knowledge of disaster response and urban resilience helps prepare for climate-related urban hazards.



Students visit to Fire Service and Civil Defence Training Centre

Department of Information Studies

1. Celebration of Global Media and Information Literacy Week 2025 Begins at East West University

The Department of Information Studies, East West University inaugurated the weeklong celebration of Global Media and Information Literacy (MIL) Week 2025 on October 26, 2025, in collaboration with the UNESCO Dhaka Office and the Media and Information Literacy Network Bangladesh (MILNetBD).

The celebration continued throughout the week with a series of engaging activities. **Awareness-building campaign** took place on **October 27 and again from October 29 to 31**, encouraging students to actively explore the role of MIL in their digital lives. On **October 28**, a **panel discussion on “Integration of Media and Information Literacy (MIL) in Higher Education”** will bring together academicians and professionals to exchange ideas on strengthening MIL in Bangladesh followed by a **quiz competition** on “*MIL: A Skill Set for Navigating the Modern Information Landscape*”. On October 29, a debate competition will be held on topic “Is Artificial Intelligence an Alternative to Information Literacy?”

14 universities across Bangladesh are part of this program through their membership in MILNetBD. Through these initiatives, East West University, MILNetBD and UNESCO Dhaka Office **aim to inspire ethical digital citizenship, strengthen information literacy education, and promote responsible engagement with AI and media in Bangladesh’s higher education sector**. Overall, around **150 students** participated in this event.

Department of Civil Engineering

1. Community-Impact Events Organized in 2025

The Department of Civil Engineering at East West University organized a seminar on Thursday, 11 December 2025, featuring a keynote lecture by Prof. Dr. G. M. Jahid Hasan, Department of Civil Engineering, Military Institute of Science and Technology (MIST). The seminar, titled “Coastal Dynamics of Bangladesh: Insights from Remote Sensing, Hydrodynamic Modeling, and Climate Trends,” provided an in-depth discussion on Bangladesh’s dynamic and climate-vulnerable coastal environment. Approximately, 5 faculty members and 110 students precipitated the seminar.

By enhancing awareness among students, who are integral members of the community, regarding coastal processes and climate change challenges, the seminar contributed both directly and indirectly to community education and environmental awareness.

2. Student Projects Related to Environmental or Social Issues (2025)

In 2025, a group of three students from the Department of Civil Engineering conducted research on recycling gypsum boards in civil construction to reduce environmental pollution and minimize the demand for virgin construction materials. The project was supervised by Dr. Md. Naimul Haque. The research findings were presented at the 4th International Conference on Structural Engineering Research (iCSER 2025), held at Western Sydney University, Australia, on 26–27 November 2025. The study contributes to sustainable construction practices by promoting waste reduction and resource conservation, thereby positively impacting the environment.

Department of Computer Science & Engineering

Activities

1. The students are actively engaged in research studies and practical projects related to environmental issues, in their course project of CSE407 - Green Computing. In the course, the students engage in projects related to the reduction of carbon footprint of both IT and Non-IT systems. Despite considerable progress globally, there have been very few studies conducted on this particular issue, in the context of Bangladesh. Therefore, the students were encouraged to engage themselves in exploratory research on environmental issues related to computing, as well as, using computing resources to benchmark the environmental impacts. Apart from that, every final year design project (a.k.a. CSE400 - Capstone project) addresses the environmental impacts of their proposed solutions.

A number of research projects and studies were conducted in 2025 under the CSE407 - Green Computing course.

The following are some of the noteworthy projects conducted in 2025.

1. Carbon-Conscious Model Selection in Image Classification: Insights from a Comparative Analysis
2. Carbon Footprint Calculation Tools for Urban University Students in Bangladesh

3. Quantifying the Carbon Footprint and Energy Consumption of the East West University ICS Computer Labs
4. Comparative Analysis of Energy Consumption Across Different Game Genres: An Empirical Study in Green Computing
5. Carbon Footprint Assessment of Leading Software Firms: A Quantitative Estimation Approach.
6. Machine-Learning-Based Detection of Wasteful Energy Use in Dormitories Using Smart-Plug IoT Data
7. Measuring the Energy Footprint of Popular Android Game Launcher Applications
8. E-Waste Disposal Practices and Awareness among University Communities
9. Carbon Conscious Model Selection in NLP: Insights from a Comparative Analysis
10. E-Waste Management: Recycling Strategies for Old Computers
11. Smartphones and Sustainability: An Empirical Study of E-Waste Generation and Disposal Trends in Campus Communities
12. Sustainable Campus Buildings: Emission Analysis of an academic infrastructure
13. The Browser's Energy Diet: A Comparative Analysis of Power Consumption Across Google Chrome, Brave, and Microsoft Edge for Sustainable Computing
14. Analyzing the Digital Carbon Footprint of a University in a Developing Country
15. Greening University Processes: A Study on Reducing Paper Usage and Carbon Footprint
16. Developing a Sustainable ICT Procurement Checklist for Small Businesses

Department of Genetic Engineering and Biotechnology

The Department of Genetic Engineering and Biotechnology has organized multiple events in 2025 with a vision of deeply touching the community.

Environmental/ Social significance: Environmentally, this study shows how contaminated water, improper food handling, and pollution in general can contribute to the persistence and spread of pathogenic drug-resistant bacteria. Socially, the findings can help public health authorities develop food safety regulations on risks associated with antimicrobial resistance. It will be helpful in forming a guideline for hygiene education, policy development, and antibiotic stewardship. Antimicrobial-resistant pathogens can spread and evolve very rapidly. Hence, further characterization of the species would help us identify its key drivers and the ways to resolve it.

Project Title: Quantitative Evaluation of Lipase-Producing Microorganisms from Landfill Soil.

Environmental/ Social significance: The project addresses the growing environmental concern of plastic pollution by investigating lipase-producing microorganisms isolated from landfill soil. By quantitatively evaluating lipase activity, the study highlights the potential of naturally occurring microbes to contribute to the biodegradation of plastic-associated waste. The findings support environmentally sustainable waste management strategies and emphasize the role of microbial processes as eco-friendly alternatives to conventional Plastic disposal methods.

Project Title: Assessing Breast Cancer Risk Associated with Polymorphism of Genetic Markers among Bangladeshi women

Number of Students Involved: 4

Environmental/ Social significance: This project addresses an important public health and social concern by investigating genetic risk factors associated with breast cancer, a leading cause of female mortality in Bangladesh. By generating population-specific genetic data, the study contributes to early risk identification, improved disease awareness, and equitable access to precision healthcare in low-resource settings. The findings may support cost-effective screening strategies and informed prevention approaches, thereby promoting women's health and social well-being. The project aligns with Sustainable Development Goal 3 (Good Health and Well-being).

Brief Report on EWU Club Activities (January 2025 to December 2025)

Date	Name of the Event	Name of the Organizing Club	Brief Description of the Event	The Sustainable Development Goals in Bangladesh
February 26, 2025	Be-Green Campus K-Action Festival	East West University Environment & Social Club in	The event aimed to inspire young people in promoting environmental sustainability with the	Climate Action SDG No.13 and Sustainable

		association with KOIKA	vision of creating a eco- friendly campus.	Cities and Communities SDG No.11
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