



Directorate of Sustainability and Environment (DSE)

2024-25 Annual **REPORT**

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OUR MISSION



MISSION

CUST is engaged in going green and sustainability initiatives to ensure efficient resource conservation within the campus in the service of social responsibility to the planet and promote biodiversity that remains the answer to sustainable development.



VISION

To integrate resource conservation practices at CUST and to value and cherish nature that fosters the wellbeing of future generations through environmental sustainability.



STRATEGY

1. Setting and Infrastructure
2. Energy and Climate Change
3. Water Conservation
4. Research and Education
5. Waste Minimization
6. Transportation





DIRECTOR'S MESSAGE



Going green and sustainability has become the core value in campus action. The CUST GYM Clubs initiative is aligned with the PM's Initiative Green Youth Movement by focusing the eight Sustainable Development Goals that falls under PM's Green Youth Movement Program.

Efficient resources conservation using unique sustainable solutions is essential to social prosperity. The CUST GYM Clubs is highly committed to constructing an eco-friendly sustainably operating framework by incorporating environmental and social dynamics into processes of decision making.

Becoming a sustainable and responsible educational institute not merely enhances our reputation but also enlightens a sense of pride in our students and faculty to be an integral part of an organization that cares for the planet. I believe that these initiatives will play a significant role in helping to realize a sustainable society.

CUST aims to become an educational institute that shares the joy of creating new value with all of its stakeholders as it steadily.



DSE-CUST INTRODUCTION

Capital University of Science and Technology significantly contributes to implementing sustainable practices to address environmental issues. Front-runners of every department are collaborating for making the environment clean and green starting from engineering to business and social sciences.

The aim is to encourage individuals to play a pivotal role in making the world a safer place for future generations through recycling initiatives and participating in free planting. CUST has been comprehensively engaged in extensive research, innovative teaching, and concrete environmental sustainability to ensure the availability and conservation of resources for future generations. Going green and sustainability has become the core value in campus action. The University is consistently making efficient investments in and taking significant steps for sustainability at the operational and programmatic levels.

The Directorate of Sustainability and Environment (DSE) is inclined to create sustainable strategies and leads those strategies and initiatives on campus physical infrastructure and programs in energy and climate, water conservation, transportation, and research and education. DSE empowers ambitious partnerships and collaborations that play a pivotal role in making the world sustainable.

All the university departments are integrated with DSE to ensure effective communication and collaborative works with them for the execution of sustainability-specific goals. The DSE focused key areas are communication, training, and education; assessments, evaluation, and reporting; events, campaigns, and talk; organizational effectiveness and infrastructural planning support. DSE emphasizes an economic model that focuses on the efficient use of resources and maximizing the product's life cycle.



DSE-CUST COMMITTEE



Prof. Dr. Ishtiaq Hassan
Focal Person



Ms. Aqsa Batool
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Dr. Arshia Amin Butt
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Ms. Sadaf Adalat
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Ms. Uzma Mushtaq
Department of Psychology



Engr. Talha Ahmed
Department of Civil Engineering



Engr. Muhammad Ahmed
Department of Mechanical Engineering



DSE-CUST POLICIES



Capital University of Science and Technology focuses on the going green and sustainability strategy to bring campus eco-system at equilibrium and ensure efficient utilization of resources. CUST has become a pillar and custodian in embedding sustainability in higher education through its dedicated teaching faculty.

Students conduct comprehensive research to develop unique environment friendly solutions for making sustainable change. The going green policy also incorporates directing and inspecting human actions to take useful measures for mitigating adverse impacts on the natural resources and biophysical environment. Currently, DSE is engaged in directing Waste Management, Recycling, and infrastructure that are aligned with its 6 key themes of sustainability.



RECYCLING POLICY

Capital University of Science and Technology seeks maximizing the recycling of waste materials a top priority. The recycling policy is inclined towards substantial pathways embedded with 4 R's of reduce, reuse, recycle, and rethink. The waste management team uses a paper shredder which helps the institute to handle its paper waste effectively.

Trash bins with labels of Plastics, Paper, Metals, etc., are placed within the campus, so the students and faculty can help the recycling team by pre-categorizing the waste to make the recycling process more efficient, fast, and easy. Students also steered a cleaning drive at CUST where everyone gathered and picked up garbage and other plastic-related non-recyclable items and disposed them off.



Not only did this make the university a cleaner place but it also spread awareness among the students and teaching staff to support our cause. The recycling program also caught the attention of print and electronic media including Radio Pakistan and the director of DSE was invited to live broadcast her message on a live show at Radio Pakistan. The radio broadcasts have remarkably helped to spread the message of change which calls on the masses to become responsible members of society.



WASTE MANAGEMENT POLICY

Capital University of Science and Technology is committed to making sustainable environmental practices through effective resource management. The directorate of Sustainability and Environment (DSE) has proposed a waste management policy to contribute to the circular economy by eliminating toxic, organic, and inorganic waste from the campus. It's a pivotal initiative taken by DSE to significantly contribute to the SDGs of the United Nation at a local and regional level.

Solid waste plays a key role as a lot of waste ends up in the oceans and landfills which is causing problems for everyone by creating greenhouse gases (GHG) and increasing carbon emissions. Pakistan generates almost 48 million tons of solid waste per year which is increasing by the growth rate of almost 2.4% while the collection rate is only 60% which is also not being dumped properly.

DSE-CUST is engaged in using multiple social media platforms such as Twitter, Instagram, and Facebook to create awareness not only among people on campus but also among individuals of twin cities for making the environment clean and green. This social media campaign is actively running with the chant of "Pick up-Clean up" with an aim of saving the Earth together. CUST waste management policy targets to adopt a 'Base to zero approach', achieve a recycling rate of 70 percent by 2023, and eliminate waste production by 10 percent by 2023 across the campus.





PEDESTRIAN PATH POLICY

Capital University of Science and Technology seeks to establish the Pedestrian path policy to accommodate pedestrians on campus and hence reinforcing the network. The master plan of campus has designed a framework by which the university can achieve the crucial research and academic mission of the institute while enhancing the life quality on campus, absorbing growth, and creating sustainable ethics. A keystone strategy of this pedestrian path framework is circulation and access within the campus. This policy is designed around an “integrated plan to circulation” that depends on well-utilized pedestrian networks. Besides reducing on-campus vehicular traffic, means of active transportation even diminish greenhouse gas emissions and contribute to healthy lifestyles.



CUST has performed premeditated engineering and design efforts for supporting the pedestrian network viability on campus as a top priority. The university is facilitating and supporting on-campus pedestrian network through the following engineering and design efforts:

- At the design phase of the pedestrian path plan affecting paths and transportation on campus, engineering teams have identified ways to meet the pedestrians' needs. The Pedestrian Counseling Committee regularly reviews and provides input to pertain to pedestrians.
- As CUST is centrally located at Expressway so, the Pedestrian Counseling Committee has reinforced connectivity of bike routes outside campus premises through demarcating and evaluating connection points from Islamabad Expressway bike routes to entry points on campus.



PARKING AREA POLICY

Capital University of Science and Technology has designed a parking area policy to ensure efficient utilization of limited parking resources. All university faculty and students on the campus have to register their vehicles and must show a valid parking permit. Citations will lead to various Penalties and Sanctions such as fines and warnings. To mitigate vehicle traffic on the campus, CUST has restricted entry of private vehicles to the campus except for unordinary circumstances. Also, parking spaces designated separately for faculty and students have been removed.

This policy aims to institute a formula of assigning parking permits grounded on the requestor's role on longevity and campus. The university seeks to close off-campus central areas to cars for cutting down on congestion. It will lead to a pedestrian-friendly core campus. The university will use parking lots in the following ways:



- Cars must be parked merely in cars racks reserved by the university.
- Motorbikes must be parked only in bikes racks allotted by the university. They shall not be parked on sidewalks or lawns.
- Buses must be parked separately in buses racks to avoid vehicle congestion.
- Vehicles inadequately parked might be subject to the removal of a locking device.
- All vehicle operators intending to avail the campus parking facilities are required to register themselves for a parking permit to permanently affix to the vehicle.



DAY CARE CENTER POLICY

Capital University of Science and Technology has taken a substantial step to facilitate employees and female students by offering daycare facility at the campus. This dedicated daycare access has significantly diminished the childcare burden on mothers.

The facility seemed to be quite beneficial especially during COVID days in which front-liners were engaged in serving the humanity on campus and enrolled their kids in the daycare center. CUST Day Care Centre welcomes a nurturing, safe, stable, and inclusive environment where children can learn and grow



WELL-BEING POLICY

Capital University of Science and Technology has created a dedicated hub for the well-being of students and faculty. The wellbeing center offers an array of welfare services to support students and staff throughout their university hours.

The purpose is to provide psychological, social, and therapeutic support to the CUST community seeking health services. Wellbeing hub has a pharmacy and a full-time general practitioner responsible for healthcare assistance.



CONSTRUCTION & RENOVATION POLICY

Capital University of Science and Technology promotes stewardship to plan, design, construct and maintain the physical environment of the university. The purpose is to become sustainable, aesthetic, enduring, and contextual to protect the safety and welfare of the university community.

The construction and renovation policy of CUST include:

- Improvement, alterations, or renovation of existing facilities within the campus.
- Modifications in utility systems such as heating, plumbing, air conditioning, gas, air, electrical, etc.
- Installation of major equipment that requires utility connections.
- Window coverings, floor coverings, furnishings, and interior decorating.
- Program planning, development, and facility design.
- Cost estimates or feasibility studies on construction and renovation.

Only authorized contractors are hired for such services to ensure compliance with campus standards. All vendors/contractors commence the contractual work after signing a contract for campus projects. Despite the contract amount, CUST management can request bids on a particular construction project. This policy seeks risk mitigation for the CUST associated with campus renovation, construction, and property maintenance as well.



CAPITAL UNIVERSITY'S ACHIEVEMENTS

The Capital University of Science and Technology (CUST) is now ranked among the top 222 universities in the world and among the top five universities in Pakistan. According to the UI GreenMetric World University Ranking 2024, CUST is the 222nd most sustainable university in the world, out of a total of 1477 universities worldwide. Meanwhile Capital University ranks 5th overall in Pakistan.

This has been accomplished using GreenMetric's competitive and rigorous ranking system for the evaluation of on-campus sustainability, which has been in place since 2007.

Among the important performance indicators were CUST's campus setting and infrastructure, as well as its research and development efforts, its energy and climate change efforts, waste management practices, water conservation strategy, and the carbon footprint of its transportation operations. The Directorate of Sustainability and Environment (DSE) at CUST is taking substantial steps to promote responsible action and incorporate sustainability on campus to achieve the Sustainable Development Goals (SDGs) established by the United Nations.



IMPLEMENTATION OF THE SUSTAINABLE DEVELOPMENT GOALS





“SUMMARY OF SDGS EVENTS”

SR. NO.	SDG TITLE	NO. OF EVENTS
1	SDG 01: NO POVERTY	18
2	SDG 02: ZERO HUNGER	07
3	SDG 03: GOOD HEALTH AND WELL BEING	38
4	SDG 04: QUALITY EDUCATION	11
5	SDG 05: GENDER EQUALITY	07
6	SDG 06: CLEAN WATER AND SANITATION	12
7	SDG 07: AFFORDABLE AND CLEAN ENERGY	17
8	SDG 08: DECENT WORK AND ECONOMIC GROWTH	06
9	SDG 09: INDUSTRY, INNOVATION, AND INFRASTRUCTURE	16
10	SDG 10: REDUCED INEQUALITIES	17
11	SDG 11: SUSTAINABLE CITIES AND COMMUNITIES	13
12	SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION	09
13	SDG 13: CLIMATE ACTION	14
14	SDG 14: LIFE BELOW WATER	12
15	SDG 15: LIFE ON LAND	11
16	SDG 16: PEACE, JUSTICE, AND INSTITUTIONS	11
17	SDG 17: PARTNERSHIPS FOR THE GOALS	06
	TOTAL NO. OF EVENTS	225

SDG 01

NO POVERTY



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Food Fest
2	27th Sustainable Development Conference in Islamabad
3	Digital Literacy Program at Orphanage
4	Empowering Entrepreneurs for Sustainable Livelihood
5	Financial Literacy Program at Orphanage
6	Inspiring Young Minds
7	Promoting Awareness Among Students for Society and Environment
8	Skill Development Program at Government School
9	SDG Expo 2025: No poverty
10	CUST Business Model Competition (CBMC)
11	Industrial Visit to Carrefour
12	Entrepreneurship Seminar – Zindagi Prize Campus Round
13	Zindagi Prize Event
14	Personal Development Seminar
15	Public Speaking & Leadership Training for Underprivileged Youth
16	Post Iqbal Conference “Young Philosophers 2025”
17	Critical Thinking & Values-Based Judgment Session
18	Confidence Building & Social Communication Workshop



1 NO
POVERTY



ACTIVITY 01: FOOD FEST

Organized By:
The Directorate of Sustainability and Environment
in collaboration with Genix, Pharma Spark, & WOH



The Directorate of Sustainability and Environment (DSE) organized a delightful Food Fest to support SDG 2, specifically targeting 2.1 to encourage access to safe, nutritious, and adequate food for all. Students from different departments registered and arrived enthusiastically to set up and decorate their stalls. The guests inaugurated the fest with a ribbon-cutting ceremony and visited each stall, asking insightful questions about calorie counts and nutritional benefits. With unique challenges and fun dares, the stalls drew enthusiastic student participation across campus. All registration fees were dedicated to a food drive, reinforcing the event's purpose of supporting food security. The fest concluded with a certificate ceremony to honor the students who managed the stalls, making it a memorable celebration of sustainable food practices.





ACTIVITY 02: 27TH SUSTAINABLE DEVELOPMENT CONFERENCE IN ISLAMABAD

Organized By:
The Department of Management Sciences



On November 4, 2024, Mr. Ali Murtaza (SDG 01 Ambassador) attended the 27th Sustainable Development Conference in Islamabad, where businesses, policymakers, and sustainability experts showcased innovative solutions aligning with SDG 1 – No Poverty. A key highlight was the presence of various businesses demonstrating sustainable products and practices, proving how entrepreneurship can be a powerful tool for poverty alleviation. From eco-friendly manufacturing to ethical trade models, these businesses exemplified how sustainability and economic empowerment go hand in hand. Engaging discussions emphasized financial inclusion (SDG 1.4), skill development (SDG 1.2), and sustainable job creation (SDG 1.1) as essential pillars for reducing poverty. The event reinforced the need for collaborative efforts between businesses, communities, and institutions to drive long-term economic stability. Witnessing these impactful initiatives strengthened my belief in leveraging sustainable entrepreneurship (SDG 1.5) and community-driven solutions to create meaningful change in poverty eradication.





ACTIVITY 03: DIGITAL LITERACY PROGRAM AT ORPHANAGE

Organized By:
The Department of Management Sciences



As part of an ongoing effort to bridge the digital divide, SDG 01 Ambassador, Mr. Ali Murtaza conducted a Digital Literacy Program at an orphanage in Pakistan Town, engaging boys aged 11-17. The session aimed to equip them with essential digital skills by teaching the basics of email, Skype, and Microsoft Teams, enabling them to connect online for educational and professional growth. This initiative was designed to integrate them into the digital world, ensuring they have the tools to access learning resources, communicate effectively, and participate in future educational campaigns. By providing them with these foundational skills, the program sought to empower them with long-term opportunities for self-development and connectivity in an increasingly digital world.





ACTIVITY 04: EMPOWERING ENTREPRENEURS FOR SUSTAINABLE LIVELIHOOD

Organized By:
The Department of Management Sciences



At the Entrepreneurial Marketing Gala 2024 held at Capital University of Science and Technology (CUST), Islamabad, an initiative titled "Empowering Entrepreneurs for Sustainable Livelihood" was launched to support struggling vendors by providing them with a business platform. This initiative aligned with SDG 1 – No Poverty, particularly SDG 1.2 (reducing poverty) and SDG 1.4 (ensuring equal access to economic opportunities), by fostering entrepreneurship and financial independence. In collaboration with classmates, two vendor stalls—Himalayan Dessert Stall and Smoky Tandoori Pizza Stall—were set up, collectively generating over 230,000 PKR in revenue. The event not only gave vendors market exposure and financial stability but also showcased how community-driven efforts can create long-term economic impact. Engaging students, faculty, and visitors, this initiative reinforced the importance of supporting small businesses through collaboration and inclusive economic opportunities. By demonstrating how entrepreneurship can drive sustainable livelihoods, this effort sets a foundation for future expansions, ensuring continued support for vendors and the growth of local businesses.





ACTIVITY 05: FINANCIAL LITERACY PROGRAM AT ORPHANAGE

Organized By:
The Department of Management Sciences



SDG 01 Ambassador, Ali Murtaza, conducted a Financial Literacy Program at an orphanage in Pakistan Town, focusing on equipping boys aged 11-17 with essential money management skills and entrepreneurial knowledge. The session aimed to empower them with financial awareness and introduce practical income-generating opportunities for a sustainable future. Alongside financial education, He also taught them screen printing, a valuable skill that can serve as a steppingstone for entrepreneurship. By demonstrating how they could create and sell printed products, he encouraged them to think creatively about business opportunities. The program emphasized the importance of savings, budgeting, and financial independence, helping them realize that with the right knowledge and skills, they can build a better future for themselves. The enthusiasm and curiosity of the children reinforced the importance of such initiatives in fostering self-sufficiency and economic empowerment among vulnerable communities.





ACTIVITY 06:

INSPIRING YOUNG MINDS - A DAY OF LEARNING AND ENGAGEMENT AT REHBAR EDUCATION ORPHANAGE

Organized By:
The Directorate of Sustainability and Environment



The Orphanage Visit to Rehbar Education in Ghauri Town Phase 4 was conducted under our outreach initiative, aligning with SDG 1 – No Poverty, specifically targeting 1.1 (eradicating extreme poverty), 1.2 (reducing poverty in all dimensions), and 1.3 (implementing social protection systems). A team of 19 members, including myself and Ambassador 2, engaged with 30 orphaned children aged 9 to 19 in an outdoor setting to create an interactive and engaging environment. The session focused on raising awareness about education, personal development, and confidence-building, ensuring that these children recognize their potential despite financial hardships. Activities included Games, storytelling, group discussions, and motivational exercises, aiming to instill self-worth, ambition, and resilience while also addressing social inclusion among their peers. Conducting the session outdoors provided a refreshing and comfortable learning atmosphere, making it more engaging and impactful. The visit successfully empowered the children, encouraged them to pursue education, and laid the foundation for continued mentorship and support.





ACTIVITY 07: PROMOTING AWARENESS AMONG STUDENTS FOR SOCIETY AND ENVIRONMENTAL BETTERMENT

Organized By:
The Department of Management Sciences



An awareness initiative at Capital University of Science and Technology (CUST), Islamabad, was conducted through interactive classroom visits to engage students in discussions about their role in community development and sustainability. The activity aimed to inspire students to take collective action, showing them how they can contribute to poverty alleviation, environmental protection, and social responsibility by collaborating with ongoing initiatives. This effort aligned with SDG 1 – No Poverty (1.4: Ensuring equal access to opportunities). Through real-life examples and interactive discussions, students were encouraged to join volunteer campaigns, contribute to social projects, and initiate local sustainability efforts. The initiative emphasized that by being part of a community-driven movement, they could create meaningful change, gain leadership experience, and strengthen their impact on social and environmental issues.



1 NO
POVERTY



ACTIVITY 08: SKILL DEVELOPMENT PROGRAM AT GOVERNMENT SCHOOL

**Organized By:
The Department of Management Sciences**



The Skill Development Program at Government School was conducted to support SDG 1 – No Poverty, specifically targeting 1.1 (eradicating extreme poverty), 1.2 (reducing poverty in all dimensions), and 1.3 (implementing social protection systems). The session focused on empowering underprivileged children involved in labor due to financial hardships by motivating them to pursue education and personal growth while also breaking stereotypes among their peers who often teased or excluded them. Through interactive discussions, storytelling, and confidence-building activities, the session encouraged working children to embrace their potential beyond financial struggles. It also fostered empathy among other students, helping them understand the challenges faced by their peers and promoting an inclusive school environment.





ACTIVITY 09: SDG'S EXPO 2025: NO POVERTY

Organized By:
The Directorate of Sustainability and Environment.



At the University Expo on January 9th, an interactive stall was set up focusing on SDG 1 (No Poverty), not only spreading awareness about the goal but also showcasing SDG 01 Ambassador ongoing initiatives related to poverty alleviation and financial empowerment. Alongside sharing insights from fieldwork, Mr. Ali Murtaza engaged students and teachers in a budgeting game, which highlighted the importance of financial literacy, resource management, and sustainable economic practices. This hands-on activity encouraged participants to think critically about budgeting, savings, and responsible spending—key components in addressing financial instability. The stall served as a platform to inspire action, encourage discussions on economic challenges, and demonstrate practical steps toward poverty reduction. By connecting SDG 1 with real-world applications, the initiative directly aligned with SDG 1.1 and 1.2 by addressing financial vulnerabilities, and SDG 1.4 by promoting equal access to financial knowledge and skills.





ACTIVITY 10: CUST BUSINESS MODEL COMPETITION (CBMC)

Organized By:
The Department of Management Sciences.



The CUST Business Model Competition (CBMC), organized by the Department of Management Sciences at Capital University of Science and Technology, was a national-level entrepreneurial event that brought together university students from across Pakistan. Participants pitched innovative business models addressing real-world challenges, with evaluations conducted through on-campus stall displays, live presentations, and online pitching for remote teams.

CBMC directly aligned with SDG 1 – No Poverty, particularly targets 1.1 and 1.2, by empowering youth to create sustainable economic opportunities through entrepreneurship, promoting innovative solutions to reduce poverty and economic vulnerability.





ACTIVITY 11: INDUSTRIAL VISIT TO CARREFOUR

Organized By:
The Department of Management Sciences.



An experiential learning initiative led to an industrial visit to Carrefour, Giga Mall, Islamabad, for Consumer Behavior students. The visit bridged classroom knowledge with real-world retail dynamics, allowing students to observe operations in a large-scale FMCG retail environment. Students analyzed consumer buying behavior, visual merchandising, pricing strategies, and inventory management, gaining insights into adapting retail practices for diverse economic groups. The experience highlighted balancing customer expectations with business objectives through store layout, promotions, and brand positioning. This initiative supports SDG 1.2 and SDG 1.4 by providing students with market-relevant skills and equal access to learning opportunities, ultimately narrowing the gap between academic learning and practical application.





ACTIVITY 12: ENTREPRENEURSHIP SEMINAR - ZINDAGI PRIZE CAMPUS ROUND

Organized By:
The Directorate of Sustainability and Environment



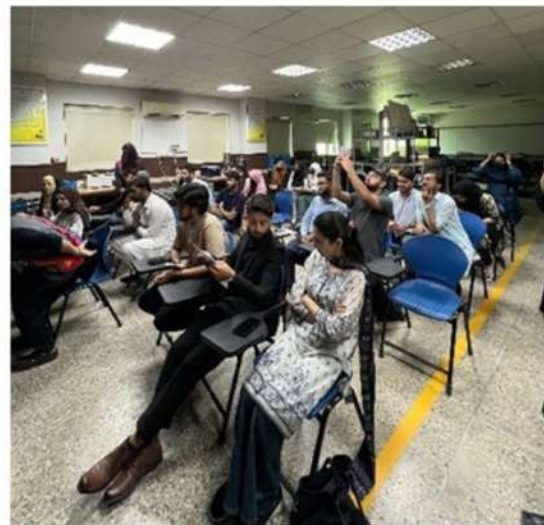
A dedicated Entrepreneurship Seminar was held at Capital University of Science and Technology, in collaboration with the Directorate of Sustainability & Environment (DSE), as part of the Zindagi Prize by JS Bank campus round. The seminar educated students on core entrepreneurship principles and equipped them with practical skills to effectively pitch their ideas. Through an interactive format, participants learned to transform concepts into actionable startup models and communicate them confidently. A Q&A session provided additional clarity and personalized feedback. This initiative contributed to SDG 1 – No Poverty, specifically targeting SDG 1.1 and SDG 1.2, by promoting entrepreneurship as a tool for financial empowerment and encouraging student-driven innovation for sustainable livelihoods.





ACTIVITY 13: ZINDAGI PRIZE EVENT

Organized By:
The Directorate of Sustainability and Environment



The Capital University of Science and Technology (CUST) successfully hosted the 3-day campus round of the Zindagi Prize, in collaboration with the Directorate of Sustainability & Environment (DSE) and powered by JS Bank, from June 17th-19th, 2025. The event featured an Entrepreneurship Seminar, followed by a pitch competition where students presented innovative solutions to real-world challenges, and concluded with a closing ceremony celebrating innovation. This initiative directly supported SDG 1 – No Poverty, aligning with sub-targets 1.1 (eradicating extreme poverty), 1.2 (reducing poverty and vulnerability), and 1.4 (ensuring equal access to economic resources and opportunities), by empowering students to leverage entrepreneurship for sustainable livelihoods and financial empowerment.





ACTIVITY 14: PERSONAL DEVELOPMENT SEMINAR

Organized By:
The Department of Management Sciences.



On June 7th, 2025, the Department of Management Sciences at Capital University of Science and Technology hosted a Personal Development Seminar. The session, led by a seasoned corporate trainer, focused on unlocking inner potential, enhancing interpersonal effectiveness, and adopting a growth-oriented mindset. Key areas included self-awareness, confidence building, communication skills, and soft skills for career progression. Students actively participated, engaging through questions and feedback. This initiative supported SDG 1 – No Poverty, specifically Target 1.2, by developing essential life and career skills, empowering students to become self-reliant and opportunity-ready, and fostering a more capable and economically resilient community.





ACTIVITY 15: PUBLIC SPEAKING & LEADERSHIP TRAINING FOR UNDERPRIVILEGED YOUTH

Organized By:
The Directorate of Sustainability and Environment



A Public Speaking and Leadership Training Program was conducted across three orphanages and one local school in May and June. The initiative aimed to uplift, motivate, and empower underprivileged students from marginalized backgrounds. Sessions focused on confidence-building, effective expression, and leadership development, providing practical strategies to help participants believe in their voice and adopt a leadership mindset. Through interactive discussions, role-play, and one-on-one engagement, the program helped students visualize their potential and take steps toward self-empowerment. This initiative aligned with SDG 1 – No Poverty, specifically Target 1.4, promoting equal access to services and empowerment of the poor and vulnerable. By investing in personal growth and expanding awareness of opportunities, the training fostered resilience, confidence, and aspiration in overlooked youth.





ACTIVITY 16: POST IQBAL CONFERENCE "YOUNG PHILOSOPHERS 2025"

Organized By:
The Department of Management Sciences.



The Post-Iqbal Conference 2025 at Bahria University brought together students from various institutions to discuss contemporary challenges through Allama Iqbal's philosophy. A presentation titled "Bridging the Innovation Gap – Ensuring Equal Access to Technology and Incubation Hubs" highlighted the importance of awareness and accessibility to National Incubation Centers (NICs) for young innovators in Pakistan. The discussion emphasized Iqbal's vision of self-reliance, progress, and innovation, proposing solutions such as raising awareness about NICs within universities and strengthening university-NIC collaboration. Real-world examples like Bykea and Sehat Kahani demonstrated the transformative impact of innovation hubs. This initiative aligns with SDG 1 – No Poverty, specifically targets 1.1, 1.2, and 1.4, by promoting entrepreneurship, reducing poverty, and ensuring equal access to resources and incubation hubs for aspiring entrepreneurs. The event reinforced the role of innovation and self-reliance in poverty alleviation, highlighting the importance of empowering youth through entrepreneurship.





ACTIVITY 17: CRITICAL THINKING & VALUES- BASED JUDGMENT SESSION

Organized By:
The Directorate of Sustainability and Environment



On April 17th, 2025, a community engagement activity was led by the SDG 1 (No Poverty) Ambassador at the Scientific Model School in Model Town, Humak. A team of 30 university students conducted a visit to the school's Girls and Boys campuses, engaging children in fun and learning-based activities to empower them through value education and personal development. A focused classroom session at the Girls Campus developed critical thinking skills and defined a personal value-based framework for judgment and decision-making. The session emphasized contextual evaluation and encouraged students to apply this thinking beyond the classroom. This initiative contributed to SDG 1 Target 1.4, promoting equal access to education and basic services by fostering awareness and capability-building in vulnerable populations. The activity helped students recognize their decision-making power and self-worth, essential elements in breaking cycles of generational poverty.





ACTIVITY 18: CONFIDENCE BUILDING & SOCIAL COMMUNICATION WORKSHOP

Organized By:
The Directorate of Sustainability and Environment



On April 17th, 2025, a community outreach session was led at the Boys Campus of Scientific Model School in Model Town, Humak, as part of the SDG 1 (No Poverty) initiative. A team of 30 university students accompanied the session leader, engaging boys in a fun and purposeful learning experience. The activity included a collective introduction and interaction session, followed by a classroom-based workshop on confidence building and social communication skills. Students learned how to structure introductions, carry themselves confidently, and engage in respectful dialogue in various settings. This session equipped students with practical soft skills critical for upward social mobility and breaking out of economic vulnerability, aligning with SDG 1 Target 1.2, which focuses on reducing poverty in all its dimensions by empowering youth with knowledge and communication skills. Building confidence in communication can help students access future opportunities more effectively



SDG 02

ZERO HUNGER



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Food Fest
2	Food Drive
3	Visit to Rehbar Educational System
4	SDG's Expo 2025: Zero Hunger
5	Awareness Session on Zero Hunger
6	Food for All: Rashan Drive
7	Hunger Relief: Rashan Drive



2 ZERO HUNGER



ACTIVITY 01: FOOD FEST

Organized By:
The Directorate of Sustainability and Environment
in collaboration with Genix, Pharma Spark, & WOH



The Directorate of Sustainability and Environment (DSE) organized a delightful Food Fest to support SDG 2, specifically targeting 2.1 to encourage access to safe, nutritious, and adequate food for all. Students from different departments registered and arrived enthusiastically to set up and decorate their stalls. The guests inaugurated the fest with a ribbon-cutting ceremony and visited each stall, asking insightful questions about calorie counts and nutritional benefits. With unique challenges and fun dares, the stalls drew enthusiastic student participation across campus. All registration fees were dedicated to a food drive, reinforcing the event's purpose of supporting food security. The fest concluded with a certificate ceremony to honor the students who managed the stalls, making it a memorable celebration of sustainable food practices.



2 ZERO HUNGER



ACTIVITY 02: FOOD DRIVE

Organized By:
The Directorate of Sustainability and Environment
in collaboration with Genix, Pharma Spark, & WOH



DSE organized an impactful food drive utilizing the funds collected from stall registration of Food Fest. This event aimed to give back to the university community, providing meals to campus guards, attendants, and other dedicated staff members. This drive aligned with SDG Target 2.1, which focuses on ensuring access to safe, nutritious, and sufficient food for all people. Through this effort, community spirit was fostered, taking a step toward building a more inclusive and supportive campus environment by addressing food security and well-being for all. By meeting the basic needs of those who support us daily, the food drive reinforced the importance of shared responsibility in achieving food security for everyone.



2 ZERO HUNGER



ACTIVITY 03: A VISIT TO REHBAR EDUCATION SYSTEM

Organized By:
The Directorate of Sustainability and Environment
in collaboration with the Department of BI & BS.



A group of 18 university students visited an orphanage with the purpose of raising awareness about Sustainable Development Goal 2 (SDG 02), which focuses on achieving food security, improving nutrition, and promoting sustainable agriculture. The visit aimed to educate the children about the importance of nutrition and sustainable food practices while providing them with a fun and engaging experience in accordance with the target 2.1 and 2.2. Throughout the day, the students interacted with the children by playing a variety of games that were both entertaining and educational, allowing the children to learn about SDG 02 in a hands-on and enjoyable way. These activities helped to spark their curiosity and understanding of key concepts related to food security and sustainability.



2 ZERO HUNGER



ACTIVITY 04: SDG'S EXPO 2025: ZERO HUNGER

Organized By:
The Directorate of Sustainability and Environment.



The SDG Expo at our university was an impactful and engaging event that provided a platform for showcasing all 17 Sustainable Development Goals (SDGs). As the ambassador for SDG 02, "Zero Hunger," Ms. Olya Zahra had the honor of designing and presenting the SDG 02 desk, where she aimed to spread awareness about the critical importance of eradicating hunger and ensuring food security for everyone, especially the most vulnerable populations. Her role involved not only creating an informative and visually appealing display but also engaging with visitors and explaining the key objectives of SDG 02. She highlighted the global challenge of hunger, undernutrition, and the need for sustainable agricultural practices that ensure everyone has access to sufficient and nutritious food.





ACTIVITY 05: AWARENESS SESSION ON ZERO HUNGER

Organized By:
The Directorate of Sustainability and Environment.



The event was organized to engage with students of different age groups and raise awareness about the SDG 02 "Zero Hunger". The ambassador of SDG 02, Olya Zahra's role centered around educating students about the global issue of hunger, malnutrition, and food insecurity, while emphasizing the importance of sustainable agriculture and nutrition. Through interactive discussions, visual presentations, and student-led activities such as poster-making and Q&A sessions, she encouraged students to think critically about food waste, mindful consumption, and how they can contribute to achieving zero hunger through small but meaningful actions. The response from students was highly enthusiastic, they asked thoughtful questions and proposed creative solutions, such as organizing food donation drives and starting school gardens. Overall, the visit successfully fostered awareness among young students, encouraging them to play an active role in building a more sustainable and equitable future.



2 ZERO HUNGER



ACTIVITY 06: FOOD FOR ALL: RASHAN DRIVE

Organized By:
The Department of Management Sciences



The Department of Management Sciences (DMS) organized a heartfelt Rashan Distribution Drive during the holy month of Ramadan, aimed at supporting underprivileged family through the spirit of giving and the Islamic obligation of Zakat. The Rashan Drive initiative aligns with key sub-targets of SDG 2 (Zero Hunger), specifically 2.1, which aims to end hunger and ensure access to safe, nutritious, and sufficient food, and 2.2, which focuses on ending all forms of malnutrition. By providing essential food assistance to vulnerable populations, the Rashan Drive helps reduce hunger and food insecurity, improves nutrition, and enhances overall well-being. Through these efforts, the initiative contributes to achieving the broader vision of SDG 2, creating a world where everyone has access to the food they need to thrive.



2 ZERO HUNGER



ACTIVITY 07: HUNGER RELIEF: RASHAN DRIVE

Organized By:
The Department of Pharmacy.



The Pharma Spark Society at Capital University of Science and Technology (CUST) successfully conducted its Ramadan Drive, a community-focused initiative aimed at helping those in need during the Holy month of Ramadan. Through the collective efforts of students, faculty, and alumni, the drive raised 134,000 Pakistani Rupees, of which 127,000 Rupees were allocated to procuring ration packages, while the remaining funds were used for a visit to a local orphanage.

By delivering vital food support to vulnerable communities, the Rashan Drive initiative advances the United Nations' Sustainable Development Goal 2 (Zero Hunger). Specifically, it targets sub-goals 2.1 and 2.2, striving to eradicate hunger and malnutrition. Through this effort, Rashan Drive enhances food security, promotes better nutrition, and fosters well-being, ultimately contributing to a world where everyone has access to the nourishment they need to live a healthy, fulfilling life.



SDG 03

GOOD HEALTH &
WELL-BEING



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE	SR. NO.	ACTIVITY TITLE
1	SMOG Awareness Campaign	12	Cycle of Sustainability: Fitness, Awareness, & Green Solution
2	Brushing away substance abuse: Painting the path to Anti-drug Awareness	13	Integrated Mental Health in Primary Health Care" using WHO mhGAP-IG
3	Breast Cancer Awareness Walk	14	Gender Equity Walk for Mental Wellbeing
4	Breast Cancer Awareness Day	15	Seminar on Developmental Milestone
5	World Heart Day Podcast	16	Seminar on Gender and Mental Health
6	World Mental Health Day	17	Healthy Food & Health Monitoring Stall
7	Mental Health and Us- Emotional Regulation	18	World Health Day
8	Mental Health and Us- Emotional Regulation 2.0	19	Basic Life Support Training Session 2025
9	Seminar on Burnout and Compassion Fatigue	20	Health Trivia Game Challenge
10	Industrial Visit to Safe Care Trust International, Islamabad	21	Blood Donation Drive
11	Stress Less, Live More: A World Stress Day Celebration	22	Awareness Session on Women's Health and Equality



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE	SR. NO.	ACTIVITY TITLE
23	Clinical Pharmacy Presentations in Fauji Foundation Hospital	31	Awareness session on Polycystic Ovary Syndrome
24	Getz Pharma Conference	32	Seminar on Impact of Social Influence, Group Dynamics, and Stereotypes
25	Ramadan Reminders Initiative 2025	33	Painting/Poster Exhibition-Highlighting Social Issues
26	World Immunization Week	34	Seminar on Perceived barriers to accessing Mental Health Care
27	Dhul-Hijjah Reminders Initiative 2025	35	Seminar on role of Emotional Intelligence in Personality Development
28	Seminar on Building Resilience in Youth	36	Seminar and Exhibition on Type 1 Diabetes: Busting Myths and Building a Supportive Campus
29	Seminar on Language and Culture	37	Air pollution Awareness Campaign
30	Seminar on Environmental Influences on Autism in Early Childhood	38	Seminar on Introduction To Cognitive Neuroscience

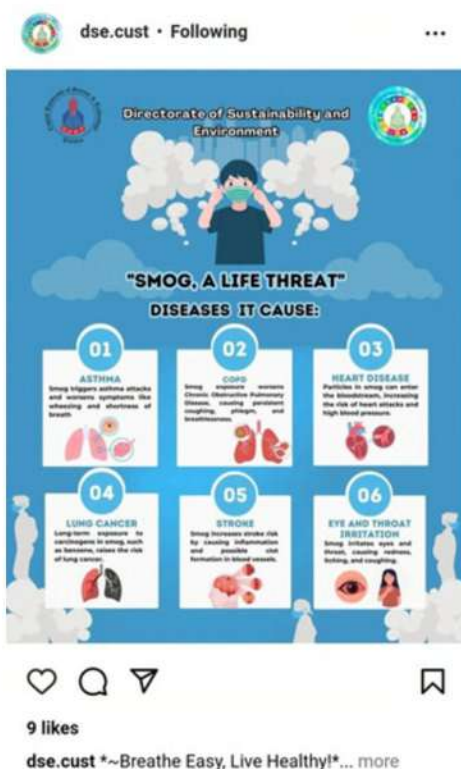


3 GOOD HEALTH AND WELL-BEING



ACTIVITY 01: SMOG AWARENESS CAMPAIGN

Organized By:
The Directorate of Sustainability and Environment



As part of our commitment to promoting a healthier environment, DSE has strategically placed smog awareness standees across campus. These standees highlight the reasons of smog which include deforestation, vehicle emissions, industrial pollution, burning trash, etc. along with ways to prevent it such as wearing masks, recycling, planting trees and choosing smoke free vehicles. Along with this, different social media platforms including Instagram, Facebook and WhatsApp has been used for smog awareness. By raising awareness about smog's impact on respiratory health and overall well-being, we are aligning with the United Nations' Sustainable Development Goal (SDG) 3: Good Health and Well-being. Specifically, this initiative targets SDG 3.9, which aims to substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution by 2030.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 02:

BRUSHING AWAY SUBSTANCE ABUSE: PAINTING THE PATH TO ANTI-DRUG AWARENESS

Organized By:
The Department of Pharmacy



This event perfectly aligns with SDG 3: Good Health and well being, specifically addressing Target 3.5, which emphasizes strengthening the prevention and treatment of substance abuse, including narcotic drug use and harmful use of alcohol. The painting competition brought together participants to creatively express the dangers of drugs and tobacco on health, showcasing the physical, mental, and societal toll of addiction through impactful artwork. Its significance lies in empowering youth to become advocates for a drug-free society, using their creative talents to inspire behavioral change. This initiative not only highlighted the dangers of substance abuse but also contributed to the broader vision of SDG 3 by promoting awareness, prevention, and healthier choices for sustainable well-being.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 03: BREAST CANCER AWARENESS WALK

Organized By:
The Department of Pharmacy



The event perfectly aligns with SDG 3: Good health and well-being for all, by promoting preventive health awareness, encouraging early detection, and educating participants on the importance of regular screenings. SDG 3 aims to reduce premature mortality from non-communicable diseases, including cancers, through prevention and treatment. Hosting a walk fosters a supportive environment, bringing students, faculty, and staff together to learn about breast cancer risks and the significance of a healthy lifestyle in reducing these risks. This awareness walk empowers individuals to make informed health choices, ultimately contributing to the goal of ensuring healthy lives and well-being for people of all ages.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 04: BREAST CANCER AWARENESS DAY

Organized By:
The Department of Pharmacy



The event aimed to raise awareness in the youth about breast cancer and about the importance of early detection and prevention of breast cancer, and was part of the Pink Ribbon campaign. The highlight of the day was the awareness desks placed at various locations in the university premises by the volunteer students who aimed at educating the students and faculty of university about the complications associated with the breast cancer disease and enlightening them about the importance as well as the step of detecting breast cancer at its early stages. Participants wore pink ribbons and carried banners with educational messages about breast cancer. To further engage the attendees, pink ribbons were also distributed among them, symbolizing solidarity with breast cancer patients and survivors. The event successfully fostered a sense of community and collective responsibility toward breast cancer awareness, leaving a lasting impression on everyone who attended.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 05: WORLD HEART DAY

Organized By:
The Department of Pharmacy



This event perfectly aligns with SDG 3: Good health and well-being for all, specifically Target 3.4, which aims to reduce premature mortality from non-communicable diseases through prevention, treatment, and promotion of mental health and well-being. The discussion included the significance of cardiovascular health, emphasizing prevention, healthy lifestyle choices, and awareness about heart diseases. The importance of regular exercise, balanced diets, and routine health screenings in maintaining heart health was highlighted. By raising awareness and promoting healthy behaviors related to heart health, the talk contributed to advancing this global health goal.



**3 GOOD HEALTH
AND WELL-BEING**



ACTIVITY 06: WORLD MENTAL HEALTH DAY

Organized By:
The Department of Psychology



The Psyverse Society of the Psychology Department celebrated World Mental Health Day on 10th October 2024 with impactful activities aimed at promoting mental well-being and reducing stigma in alliance with the target 3.4. The event included stress-relief tools like fidget spinners and stress balls, a popular "Take What You Need" wall for anonymous emotional expression and community connection, and a therapeutic "Color Out Your Stress" activity allowing creative emotional exploration. The event also featured an awareness walk, where participants carried signs with positive messages and mental health statistics, fostering solidarity and conversations about mental health. These initiatives left a positive impact and promoted a culture of mental well-being within the academic community.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 07: MENTAL HEALTH AND US- EMOTIONAL REGULATION

Organized By:
The Department of Psychology



As part of the Psychology's Department commitment to civic engagement and its strategic initiative of conducting seminars in local schools, Annum Tanweer, Senior Lecturer, was invited as a guest speaker to a one-day seminar on mental health awareness at The City School, PWD Campus, Islamabad. This impactful session aimed to empower students with the knowledge, tools, and strategies to recognize, prevent, and manage stressors, while highlighting the critical role of mental health in adolescence and academic life in compliance with the target 3.4. The key learning outcomes included identifying early signs of burnout, practicing mindfulness, engaging in physical activity, maintaining a healthy lifestyle, and building strong support systems. The seminar received positive feedback for its practical tips and relatable examples, reducing stigma and encouraging open dialogue about mental health.



**3 GOOD HEALTH
AND WELL-BEING**



ACTIVITY 08: MENTAL HEALTH AND US- EMOTIONAL REGULATION 2.0

Organized By:
The Department of Psychology



As part of the department's strategic pillar initiative to promote civic engagement, Annum Tanweer, Senior Lecturer in the Department of Psychology, conducted a seminar on mental health awareness at The City School, DHA-2 Branch, Islamabad. The seminar aimed to equip students with tools to recognize, prevent, and manage stressors, emphasizing mental health's significance in adolescence and academic balance in compliance with the target 3.4. Key learning outcomes included identifying early signs of burnout, practicing mindfulness, and adopting healthy habits like balanced diets, physical activity, and strong support systems. The session received positive feedback for its relatable examples and practical strategies, reducing stigma and encouraging open dialogue about mental health. The school principal appreciated the effort and expressed interest in future collaborations.



**3 GOOD HEALTH
AND WELL-BEING**



ACTIVITY 09: BURNOUT AND COMPASSION FATIGUE

Organized By:
The Department of Psychology



As part of the Department of Psychology's strategic pillar initiative on conducting seminars in local schools, Annum Tanweer, Senior Lecturer, delivered a one-day seminar on mental health awareness focused on teachers' mental health in accordance with target 3.4. The seminar aimed to equip educators with knowledge and strategies to recognize, prevent, and manage burnout and compassion fatigue while fostering a supportive work environment that promotes resilience and sustainable teaching practices. The key outcomes included recognizing early signs of burnout, self-assessment, effective coping strategies, and setting realistic goals for mental well-being. The workshop successfully addressed burnout and compassion fatigue, enhancing teachers' well-being and teaching effectiveness. The Director and Program Director of TCS Headquarters appreciated the department's efforts and expressed interest in future collaborations.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 10:

INDUSTRIAL VISIT TO SAFE CARE TRUST INTERNATIONAL, ISLAMABAD

Organized By:
The Department of Psychology



As part of the Department of Psychology's strategic pillar initiative on industry integration, Annum Tanweer, and Asima Munawar collaborated with ORIC, CUST, to establish liaison with Safe Care Trust International (SCTI), a psychiatric and drug rehabilitation center. The visit included an orientation session on SCTI's holistic recovery approach, a guided tour of its facilities, and discussions with counselors on personalized treatment plans and the role of community support. A session featuring residents' recovery stories offered profound insights into addiction struggles and resilience. The visit concluded with an educational session encouraging participants to spread awareness about mental health and substance abuse prevention in alliance with the target 3.4 and 3.5. This eye-opening experience fostered understanding of addiction complexities and emphasized the importance of supportive recovery environments, aligning with the department's commitment to integrating with industry.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 11: WORLD STRESS DAY CELEBRATION

Organized By:
The Department of Psychology



The Department of Psychology organized a "World Stress Day Celebration" event under the umbrella of Directorate of Sustainability and Environment (DSE). The event aimed to promote mental well-being and raise awareness about stress management in accordance with target 3.4. Students organized creative activities like art therapy, mindfulness exercises, and stress-busting games, providing participants with practical ways to reduce stress. The event saw active participation from students and faculty, who visited the activity stations and engaged with organizers. It successfully highlighted the importance of mental health and offered attendees enjoyable techniques to manage stress in their daily lives.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 12: CYCLE OF SUSTAINABILITY

Organized By:
The Department of Psychology



The Psyverse Society of the Department of Psychology organized a "Cycling Event Promoting Sustainability" in collaboration with the Directorate of Sustainability and Environment (DSE). The event aimed to reduce carbon emissions by promoting cycling as an alternative mode of transportation to advocate for sustainable urban planning. In accordance with the target 3.4.1, regular cycling can help reduce the risk of non-communicable diseases such as heart diseases, stroke, and diabetes. The event began with an opening ceremony led by the Dean, emphasizing sustainability and eco-friendly practices. Participants engaged in activities like an endurance ride challenge, capture the flag, and treasure hunting, alongside creative hangings with cycling and sustainability quotes. The event concluded with a closing ceremony graced by the Dean and Vice Chancellor, where winners were awarded hampers and certificates, marking a successful and impactful event.



**3 GOOD HEALTH
AND WELL-BEING**



ACTIVITY 13:

INTEGRATED MENTAL HEALTH IN PRIMARY HEALTH CARE" USING WHO MHGAP-IG

Organized By:
The Department of Psychology



As part of the Training of Trainers initiative under Strategic Pillar-6 on expanding civic engagement, a four-day workshop on "Integrated Mental Health in Primary Health Care" using WHO mhGAP-IG was held at Ramada Hotel, Murree, in collaboration with WHO, Pakistan. It was attended by Dr. Sabahat Haqqani, HoD, Department of Psychology, and faculty members Ms. Asima Munawar and Ms. Annum Tanweer, the training covered evidence-based protocols for managing priority mental, neurological, and substance use disorders in low and middle-income countries in accordance with the target 3.4 and 3.5. The training was facilitated by Mr. Shahzad Alam Khan and Ms. Maimoona Saadi from WHO, sessions included roleplays, discussions, and practical demonstrations on managing depression, psychosis, substance use, dementia, self-harm, and epilepsy. Dr. Sabahat Haqqani highlighted academia's role in mental health integration, and the WHO team appreciated CUST's contribution. The workshop concluded with reflections, feedback, and hopes for future collaborations between academia and WHO initiatives



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 14: GENDER EQUITY WALK FOR MENTAL WELL-BEING

Organized By:
The Department of Psychology



The Department of Psychology organized "Gender Equity Walk" under the umbrella of Directorate of Sustainability and Environment (DSE), with the aim of promoting gender equality and encouraging dialogue around equity. The event aligns with SDG 3, Target 3.4 (Promote mental health and well-being), by addressing gender-based stressors and discrimination that negatively impact psychological health. The walk fostered dialogue, challenged stereotypes, and encouraged a collective commitment to inclusivity and empowerment. Students actively participated by designing creative posters and charts to visualize various aspects of gender justice. Through this initiative, participants were encouraged to reflect on systemic barriers and contribute to a more mentally healthy and equitable society, leaving a lasting impact on both attendees and the wider university community.



**3 GOOD HEALTH
AND WELL-BEING**



ACTIVITY 15: DEVELOPMENTAL MILESTONES IN CHILDHOOD

**Organized By:
The Department of Psychology**



The Department of Psychology organized a "Seminar on developmental milestones in childhood" under the umbrella of the Directorate of Sustainability and Environment (DSE). The seminar aimed to educate students on the importance of early developmental tracking and the roles of caregivers, teachers, and healthcare professionals in identifying and managing delays, aligning with SDG 3, Target 3.2 (End preventable deaths of children under 5). The speaker discussed key domains including physical development, cognitive functions, social-emotional growth, and language acquisition. She emphasized the need for parent awareness campaigns, teacher training, and policy-level changes for accessible early interventions. The session equipped participants with practical knowledge to support child well-being and encouraged ongoing collaboration among families, educators, and health professionals for optimal developmental outcomes.



3 GOOD HEALTH AND WELL-BEING



ACTIVITY 16: GENDER AND MENTAL HEALTH

Organized By:
The Department of Psychology



The Department of Psychology organized a "Seminar on Gender and Mental Health" under the umbrella of the Directorate of Sustainability and Environment (DSE). The seminar aimed to raise awareness about how societal norms, discrimination, and systemic inequalities affect psychological well-being, particularly in women, aligning with SDG 3, Target 3.4 (Promote mental health and well-being). The guest speaker emphasized the importance of trauma-informed care, gender-specific treatment for substance use disorders, hormonal considerations in therapy, and integrated programs addressing dual diagnoses. An interactive role play was also conducted to highlight the stigmas faced by women struggling with drug abuse. The session was highly engaging and informative, encouraging participants to adopt gender-sensitive approaches in mental health services and deepen their understanding of the structural factors impacting well-being.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 17: HEALTHY FOOD AND HEALTH MONITORING STALL

Organized By:
The Department of Pharmacy



This event perfectly aligns with SDG 3: Good health and well-being for all, particularly Target 3.8, Universal Health Coverage. Social Welfare Club took charge of a health-focused stall offering crucial health screenings such as BMI checks, hemoglobin levels, and blood pressure measurements, highlighting the importance of regular health monitoring. This initiative not only educated attendees about their health status but also emphasized preventive care and early detection of health issues. Concurrently, the Culinary and Arts Club curated a stall showcasing a variety of nutritious options like wholesome salads, fresh sandwiches, revitalizing smoothies, and a vibrant array of fruits, underscoring the significance of balanced dietary choices in maintaining overall well-being. Together, these initiatives underscored the holistic approach to health, integrating both physical health monitoring and dietary awareness, thereby fostering a community committed to healthier lifestyles and sustainable health practices.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 18: WORLD HEALTH DAY

Organized By:
The Department of Pharmacy



This event perfectly aligns with SDG 3: Good health and well-being for all, particularly target 3.8, Universal Health Coverage. The Sports Club actively contributed to the celebration of World Health Day by organizing an engaging and energetic stall that emphasized both physical fitness and mental wellness. The stall featured a variety of interactive activities including arm wrestling, fitness training sessions, and push-up challenges that encouraged participants to test and improve their physical strength and stamina. In addition, mind games such as puzzles and word finders were set up to promote mental agility and cognitive health. The stall also included weight-checking facilities to help individuals become more aware of their physical status and fitness levels. Through this dynamic blend of physical and mental activities, the Sports Club successfully highlighted the importance of an active lifestyle and mental sharpness as key components of overall well-being, encouraging participants to incorporate regular exercise and brain-training activities into their daily lives for long-term health benefits.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 19: BASIC LIFE SUPPORT TRAINING SESSION 2025

Organized By:
The Department of Pharmacy



This event perfectly aligns with SDG 3: Good health and well-being for all, particularly target 3.8: Universal Health Coverage. This event was organized in collaboration with the Red Crescent Society Pakistan. This initiative aimed to equip students with essential first aid skills, fostering a culture of preparedness and responsiveness in emergency situations. The session witnessed active participation from students, faculty, and alumni, all eager to learn life-saving techniques such as CPR, wound management, choking relief, and emergency response protocols. Expert trainers from the Red Crescent Society provided hands-on demonstrations, ensuring that attendees could confidently apply these skills in real-life scenarios. The event also emphasized the importance of mental composure and quick decision-making in emergency decisions.



3 GOOD HEALTH AND WELL-BEING



ACTIVITY 20: HEALTH TRIVIA GAME CHALLENGE

Organized By:
The Department of Pharmacy



This event perfectly aligns with SDG 3: Good health and well-being for all, particularly Target 3.8: Universal Health Coverage. A “Trivia Game Challenge” was organized for celebrating World Health Day in which participants had to answer Health related questions after giving minimum registration fee and if they answer 3 questions correctly, double fee would be returned to them. The questions were related to general health, fitness, nutrition, body parts, etc. This trivia integrated fun with knowledge, and all the participants gained knowledge after visiting the stall. Everyone participated in the challenge enthusiastically and enjoyed the concept. Along with that, awareness was also given at the stall related to First Aid kit, Antimicrobial resistance, myths Vs facts regarding health, and the goals and aims of SDG 3.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 21: BLOOD DONATION DRIVE 2025

Organized By:
The Department of Pharmacy



This event perfectly aligns with SDG 3: Good health and well-being for all, particularly target 3.1: Reducing Maternal Mortality, 3.d: Emergency preparedness, and target 3.8: Universal Health Coverage. This meaningful initiative was conducted in collaboration with Jamila Sultana Foundation, and aimed to provide vital support to hospitals and patients in urgent need of blood, particularly those battling thalassemia, emergency situations, undergoing surgical procedures, or managing chronic illnesses. The event garnered an exceptional response from the university community, drawing active participation from students, faculty, and administrative staff alike. Over 100 units of blood were successfully collected. The entire process was carried out in strict adherence to health and safety protocols, ensuring a clean, safe, and supportive environment for both donors and medical staff.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 22:

AWARENESS SESSION ON WOMEN'S HEALTH AND EQUALITY

Organized By:
**The Department of Bioinformatics
& Biosciences**



The Department of Bioinformatics and Biosciences, GENIX society in collaboration with DSE, organized an awareness session on women's health and equality at Concordia College, focusing on Sustainable Development Goal 3.7 (Ensure universal access to sexual and reproductive health-care services, including for family planning, information and education). The event promoted a culture of inclusivity and respect, inspiring students to contribute to women's health and equality.



3 GOOD HEALTH
AND WELL-BEING

ACTIVITY 23:

CLINICAL PHARMACY PRESENTATIONS IN FAUJI FOUNDATION HOSPITAL

Organized By:
The Department of Pharmacy



Faculty of Pharmacy in collaboration with Directorate of Sustainability and Environment, organized “Clinical Pharmacy Presentations” on April 15th, 2025. This event perfectly aligns with SDG 3: Good health and well-being for all, specifically target 3.8, which aims to achieve universal health coverage, including financial risk protection, access to quality essential health-care services, and access to safe, effective, quality, and affordable essential medicines and vaccines for all. In these presentations, the students of Pharm.D program from semester 8 presented a case they took in different wards in Fauji Foundation Hospital focusing on clinical pharmacy, better health care outcomes, better medication management, preventing adverse events or side effects etc. Through our clinical pharmacy initiatives, we enhance health outcomes (SDG 3) by optimizing medication use and patient education, thereby supporting better healthcare delivery for healthcare professionals and patients alike. These efforts synergistically promote comprehensive healthcare and education, contributing to sustainable development goals on multiple fronts.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 24: GETZ PHARMA CONFERENCE

Organized By:
The Department of Pharmacy



Faculty of Pharmacy in collaboration with Directorate of Sustainability and Environment organized the volunteership of Pharm.D students for Getz Pharma Conference held on 31st May, 2025. The participation of CUST Pharm-D students as volunteers in the Mid-Summer Conference 2025 aligns directly with SDG 3: Good Health and Well-being, particularly with Target 3.4, which focuses on reducing non-communicable diseases (NCDs) through prevention and awareness. By contributing to diabetes prevention initiatives like CHAMPs and SMILE, the students played an active role in promoting community health education, especially among children and families. Their involvement in organizing interactive, educational activities supported early awareness and lifestyle interventions – crucial strategies in managing and preventing diabetes. Furthermore, their exposure to patient-centered care approaches and collaboration with healthcare professionals fostered a deeper understanding of public health practices.



3 GOOD HEALTH
AND WELL-BEING

ACTIVITY 25: RAMADAN REMINDERS INITIATIVE 2025

Organized By:
The Department of Pharmacy



The Ramadan Reminders initiative organized by the Beyond Borders Club under supervision of Faculty of Pharmacy and in collaboration with Directorate of Sustainability and Environment, aligns meaningfully with SDG 3 (Good Health and Well-being), particularly under Target 3.4, which seeks to promote mental health and well-being. By sharing daily spiritual reminders rooted in Qur'anic teachings and Hadiths, the initiative provided a consistent source of inspiration, reflection, and motivation during the sacred month of Ramadan. This daily engagement supported emotional balance, reduced stress, and nurtured a sense of inner peace and mindfulness among students and faculty. Furthermore, the collective participation fostered a shared spiritual journey, enhancing social connectedness and a sense of community – both of which are crucial for mental and emotional well-being. Through its focus on self-improvement, unity, and spiritual revival, the initiative contributed to a holistic form of well-being that reflects the comprehensive vision of health promoted by SDG 3.

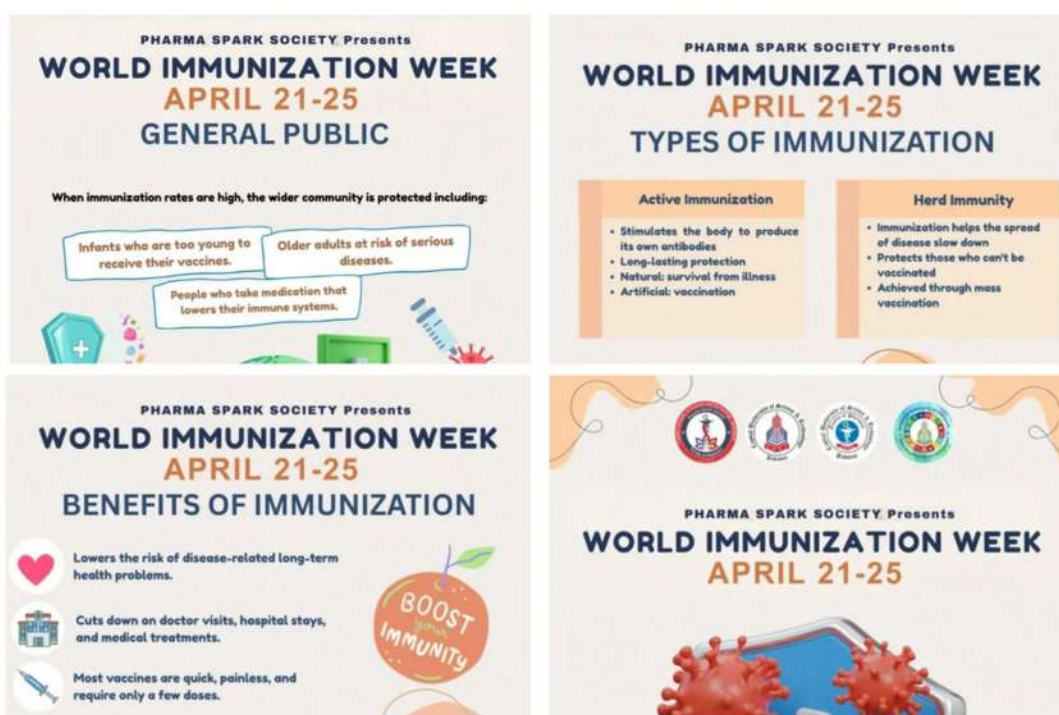


3 GOOD HEALTH AND WELL-BEING



ACTIVITY 26: WORLD IMMUNIZATION WEEK

Organized By:
The Department of Pharmacy



Pharma Spark society under the supervision of Faculty of Pharmacy and in collaboration with Directorate of Sustainability and Environment organized World immunization week from April 21st to April 25th, 2025. This week was highlighted by organizing a social media campaign to raise awareness about the vaccination and to inform general public about the facts and myths surrounded around the issue of vaccination. The campaign focused on raising awareness about the importance of vaccines in preventing infectious diseases and promoting global health. Through engaging posts, infographics, and posts, we highlighted the various types of vaccines available, their benefits in reducing disease burden, and their critical role in achieving SDG 3 (Good Health and Well-being), specifically targeting target 3.8 on achieving universal health coverage, including access to quality essential health services and access to safe, effective, quality, and affordable essential medicines and vaccines for all.

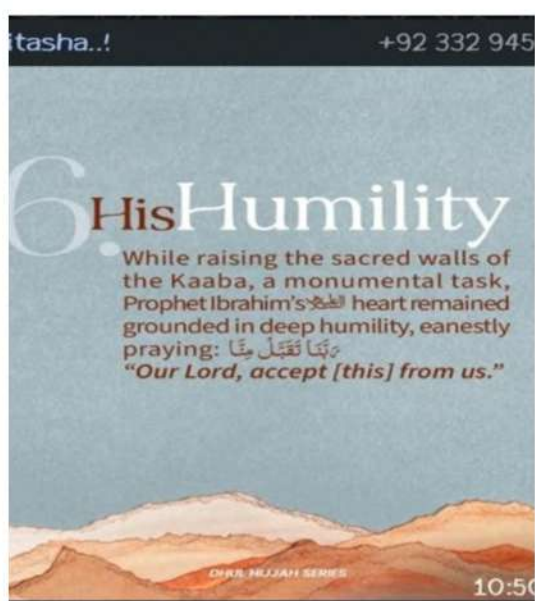


3 GOOD HEALTH AND WELL-BEING



ACTIVITY 27: DHUL-HIJJAH REMINDERS

Organized By:
The Department of Pharmacy



The Dhul-Hijjah Reminders organized by the Beyond Borders Club under supervision of Faculty of Pharmacy and in collaboration with Directorate of Sustainability and Environment, aligns significantly with SDG 3 (Good Health and Well-being) by promoting spiritual and mental well-being among university students and faculty. By focusing on the virtues and significance of Dhul-Hijjah, including worship, good deeds, and spiritual reflection, the initiative encourages individuals to engage in activities that contribute positively to their mental health and overall well-being. This aligns particularly with SDG 3.4, which aims to promote mental health and well-being. The initiative fosters a sense of unity and community spirit across departments, promoting values such as sacrifice, gratitude, and submission to Allah, which are integral to emotional and spiritual well-being. By delivering daily reminders through official batch WhatsApp groups, incorporating Qur'anic verses, Hadiths, and practical advice, the initiative provides participants with tools for personal growth and spiritual development, contributing to a holistic approach to health that includes mental, emotional, and spiritual dimensions.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 28:

BUILDING RESILIENCE IN YOUTH: PROMOTING PEACE AND MENTAL HEALTH

Organized By:
The Department of Psychology



The Department of Psychology organized a seminar on “Building Resilience in Youth: Promoting Peace and Mental Health” under the umbrella of the Directorate of Sustainability and Environment (DSE). The seminar aimed to equip students with strategies for fostering emotional resilience and mental well-being, aligning with SDG 3, Target 3.4 (Promote mental health and well-being). Dr. Arooj Mujeeb discussed key approaches such as avoiding negative social comparison, promoting positive digital content, and becoming mindful of emotional and digital triggers. The emphasis was placed on self-awareness, emotional regulation, and the importance of healthy online and offline interactions. The session concluded with an engaging Q\&A segment where students shared experiences and received professional insights. The seminar encouraged a culture of mental health awareness and left participants with practical tools to enhance their well-being and build resilience in the digital age.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 29: SEMINAR ON LANGUAGE AND CULTURE

Organized By:
The Department of Psychology



The Department of Psychology organized a seminar on “Language and Culture” under the umbrella of the Directorate of Sustainability and Environment (DSE). The seminar aimed to explore the interconnection between language, culture, and human behavior, aligning with SDG 3, Target 3.4 (Promote mental health and well-being) by fostering psychological understanding through interdisciplinary learning. The guest speaker discussed how language reflects cultural norms, influences thought processes, and shapes identity. The session covered key concepts in psycholinguistics and language development, linking them with classical psychological theories such as Pavlov’s classical conditioning.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 30: ENVIRONMENTAL INFLUENCES ON AUTISM IN EARLY CHILDHOOD

Organized By:
The Department of Psychology



The Department of Psychology organized a seminar on “Environmental Influences on Autism in Early Childhood” under the umbrella of the Directorate of Sustainability and Environment (DSE). The seminar aimed to raise awareness about how environmental factors contribute to the onset and progression of autism spectrum disorder in young children, aligning with SDG 3, Target 3.2 i.e. End preventable deaths of children under 5 and promote child health and development. The speaker discussed prenatal, perinatal, and early life environmental risk factors, including exposure to pollutants, maternal health, nutrition, and stress. The emphasis was placed on early detection, preventive care, and the importance of creating supportive environments for children at risk.



**3 GOOD HEALTH
AND WELL-BEING**



ACTIVITY 31: AWARENESS SESSION ON POLYCYSTIC OVARY SYNDROME

**Organized By:
The Department of Bioinformatics
& Biosciences**



The Department of Sustainability and Environment (DSE), in collaboration with the Genix Society, Department of Bioinformatics and Biosciences, Capital University of Science and Technology, conducted an awareness session on Polycystic Ovary Syndrome (PCOS) at Punjab College on March 1, 2025. The session aimed to educate young women about PCOS's causes, symptoms, and long-term health implications, promoting early diagnosis and lifestyle management. Key objectives included raising awareness about hormonal imbalance, menstrual irregularities, and mental health issues associated with PCOS, while providing guidance on dietary and medical interventions. The interactive session empowered students to seek timely medical help and adopt preventive measures. This initiative contributed to SDG 3.4 (Promote mental health and well-being), fostering good health, well-being, and gender equality among young women.



**3 GOOD HEALTH
AND WELL-BEING**



ACTIVITY 32:

IMPACT OF SOCIAL INFLUENCE, GROUP DYNAMICS, AND STEREOTYPES

Organized By:
The Department of Psychology



The Department of Psychology organized a seminar on “The Impact of Social Influence, Group Dynamics, and Stereotypes on Everyday Decision Making and Interactions” under the umbrella of the Directorate of Sustainability and Environment (DSE). The seminar aimed to enhance students' understanding of how social and psychological factors shape behavior, aligning with SDG 3, Target 3.4 (Promote mental health and well-being). Ms. Nosheen Naseer, the guest speaker, discussed core concepts such as conformity, obedience, social facilitation, and social loafing. She explained how social pressures, group presence, and stereotypes influence everyday decisions, often unconsciously. The session explored emotional mechanisms like fear of rejection and guilt avoidance, highlighting how group dynamics impact personal reasoning and behavior.



**3 GOOD HEALTH
AND WELL-BEING**



ACTIVITY 33: PAINTING/POSTER EXHIBITION- HIGHLIGHTING SOCIAL ISSUES

**Organized By:
The Department of Psychology**



The Department of Psychology organized an event titled "Mind's Palette – Highlighting Social Issues" under the umbrella of the Directorate of Sustainability and Environment (DSE). The exhibition aimed to raise awareness on mental health and social concerns through student artwork, aligning with SDG 3, Target 3.4 (Promote mental health and well-being). The displayed artworks addressed themes such as depression, bullying, abuse, child labour, gender inequality, body image, and societal stigma. Through visual expression, students highlighted the emotional and psychological impact of these issues. Faculty members visited the exhibition and appreciated the initiative for creatively advocating mental health awareness and social issues.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 34:

PERCEIVED BARRIERS TO ACCESSING MENTAL HEALTH CARE

Organized By:
The Department of Psychology



The Department of Psychology organized a seminar on “Perceived Barriers to Accessing Mental Health Care” under the umbrella of the Directorate of Sustainability and Environment (DSE). The seminar aimed to highlight the cultural, psychological, and systemic challenges that hinder access to mental health support, aligning with SDG 3, Target 3.8 (Achieve universal health coverage, including access to mental health services). The guest speaker addressed key barriers such as stigma, misinformation, and limited accessibility, particularly within South Asian contexts emphasizing the need for awareness, education, and policy change, she encouraged inclusive dialogue around mental health.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 35:

ROLE OF EMOTIONAL INTELLIGENCE IN PERSONALITY DEVELOPMENT

Organized By:
The Department of Psychology



The Department of Psychology organized a seminar on “Role of Emotional Intelligence in Personality Development” under the umbrella of the Directorate of Sustainability and Environment (DSE). The seminar aimed to educate students on the impact of emotional intelligence on personal growth and psychological well-being, aligning with SDG 3, Target 3.4 (Promote mental health and well-being). The speaker discussed key elements of emotional intelligence including self-awareness, self-regulation, empathy, and social skills, highlighting their role in managing emotions and building healthy relationships. He emphasized the need for emotional education in schools, teacher training, and awareness programs to foster emotionally resilient individuals.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 36:

TYPE 1 DIABETES: BUSTING MYTHS AND BUILDING A SUPPORTIVE CAMPUS

Organized By:
The Department of Psychology



The Department of Psychology organized a seminar and exhibition on “Living with Type 1 Diabetes: Busting Myths and Building a Supportive Campus” under the umbrella of the Directorate of Sustainability and Environment (DSE). The event aimed to raise awareness about Type 1 Diabetes, address common misconceptions, and promote health literacy, aligning with SDG 3, Target 3.4 (Promote mental health and well-being, and reduce non-communicable diseases through prevention and awareness). The seminar featured a guest speaker from the Meethi Zindagi organization, who provided valuable insights into the realities of living with Type 1 Diabetes. She emphasized the importance of community support, early management, and education in reducing stigma.

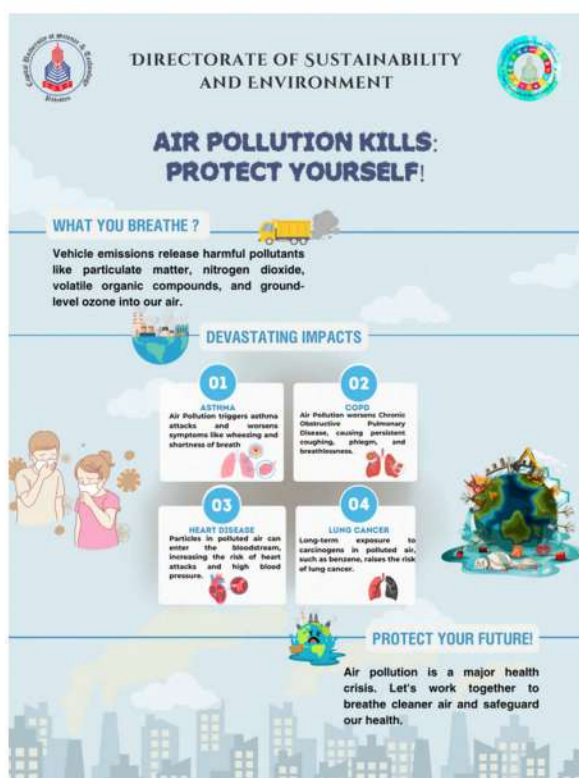


3 GOOD HEALTH AND WELL-BEING



ACTIVITY 37: AIR POLLUTION AWARENESS

Organized By:
**The Directorate of Sustainability
and Environment**



Directorate of Sustainability and Environment organized “Air pollution awareness standees” outside main cafeteria and in main parking of the university. Aligned with Sustainable Development Goal 3: Good Health and Well-being—specifically target 3.9, which aims to substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution and contamination—we organized an impactful awareness activity focused on air pollution. Standee displays were at strategic high-traffic locations on campus, including outside the cafeteria and near the main parking barrier. These standees were designed to educate about the sources and harmful effects of air pollution, such as respiratory issues, cardiovascular diseases, and long-term environmental damage.



3 GOOD HEALTH
AND WELL-BEING



ACTIVITY 38: INTRODUCTION TO COGNITIVE NEUROSCIENCE

Organized By:
The Department of Psychology



The Department of Psychology organized a seminar titled "Introduction to Cognitive Neuroscience" for MS Psychology students, led by Dr. Muhammad Aqeel, Assistant Professor at Foundation University Islamabad. The seminar explored the relationship between the brain and behavior, covering topics like brain structure and function, neural transmission, and the neural basis of cognition. Students gained insights into the latest research and its applications in understanding human behavior and treating neurological and psychiatric disorders. Dr. Aqeel emphasized the significance of cognitive neuroscience and encouraged further exploration of the field. The seminar concluded with an engaging Q&A session, fostering valuable discussions and providing students with a comprehensive understanding of cognitive neuroscience and its practical relevance.



SDG 04

QUALITY EDUCATION



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Workshop on Robotics
2	Pharmacist Day: Photobooth
3	World Pharmacist Day
4	Building bridges between education and industry!
5	SDG's EXPO 2025: Quality Education
6	Open Mic Challenge on Women Education
7	Voices For Education Equality
8	Smart Connections for a Smarter World
9	Pakistan Day "Essay Competition"
10	Pakistan Day Documentary Competition
11	Career Guidance Seminar





ACTIVITY 01: WORKSHOP ON ROBOTICS

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE), organized an engaging Workshop on Robotics to foster practical skills in robotics design and programming, specifically targeting SDG 4.4, which aims to increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs, and entrepreneurship. By teaching robotics, programming, and innovative problem-solving, the event enhances students' technological competencies and future readiness. This hands-on workshop focused on building robots from scratch, where participants learned to construct line-following robots using IR sensors, L298 Motor Driver, Arduino Uno, and batteries. The session included comprehensive guidance on hardware assembly and step-by-step coding tutorials to bring the robots to life. Enthusiastic participation from students across various disciplines highlighted the growing interest in robotics and automation technologies. The workshop concluded with demonstrations of working robots and a collaborative discussion on future innovations in robotics. This initiative served as an inspiring platform for promoting technical creativity and sustainable technological solutions.





ACTIVITY 02: PHARMACIST DAY: PHOTOBOOTH

Organized By:
The Department of Pharmacy



The primary objective of the World Pharmacist Day photobooth was to celebrate the vital role of pharmacists and create an engaging platform for students to express pride in their future profession. By providing a space where students could pose, click photos, and celebrate their journey toward becoming pharmacists, the event aimed to promote professional identity, self-expression, and enthusiasm for the field. It also fostered a sense of community among pharmacy students as they marked this significant occasion together. The photobooth event was a vibrant success, drawing enthusiastic participation from students eager to celebrate World Pharmacist Day. Many students took part in posing for memorable photos, which not only created lasting memories but also emphasized the unity and pride within the pharmacy faculty.





ACTIVITY 03: WORLD PHARMACIST DAY

Organized By:
The Department of Pharmacy



The primary objective of the World Pharmacist Day photobooth was to celebrate the vital role of pharmacists and create an engaging platform for students to express pride in their future profession. By providing a space where students could pose, click photos, and celebrate their journey toward becoming pharmacists, the event aimed to promote professional identity, self-expression, and enthusiasm for the field. It also fostered a sense of community among pharmacy students as they marked this significant occasion together. The photobooth event was a vibrant success, drawing enthusiastic participation from students eager to celebrate World Pharmacist Day. Many students took part in posing for memorable photos, which not only created lasting memories but also emphasized the unity and pride within the pharmacy faculty.





ACTIVITY 04: BUILDING A BRIDGE BETWEEN INDUSTRY AND EDUCATION

Organized By:
The Department of Mechanical engineering



Capital University of Science and Technology (CUST) is proud to announce a new partnership with the Pakistan HVACR Society, the sole representative body for Heating, Ventilation, Air-conditioning & Refrigeration (HVACR) in Pakistan. A Memorandum of Understanding (MOU) is signed between the Capital University of Science & Technology (CUST) and the Pakistan HVACR Society to strengthen industry academia linkages. Prof. Dr. Imtiaz Ahmed Taj, Dean Faculty of Engineering CUST, and Engr. Ramzan Sharif, President of PHVACRS, signed the agreement along with Mr. Naseer Ahmad, Hony. General Secretary and Mr. Bilal Zubairi. This MoU will facilitate industrial trips, internships, guest lectures, joint seminars, and much more. Engr. Saif Ullah Awan will be representing CUST in coordinating the implementation of this important agreement. This partnership marks a significant step towards enhancing practical skills and fostering innovation in the HVACR sector in accordance with the target 4.3 of SDG 4. This partnership reinforces our commitment to providing practical, industry-relevant education.





ACTIVITY 05: SDGS EXPO 2025: QUALITY EDUCATION

Organized By:
The Directorate of Sustainability
and Environment



The SDG Expo, held on January 9, 2025, targeted SDG 4: Quality Education and aimed to highlight the importance of inclusive and equitable education for all. A dedicated desk was arranged, showcasing glimpses of the programs and initiatives undertaken in the previous year, including videos and posters that highlighted our efforts in promoting quality education. The desk attracted significant attention from students and faculty, fostering discussions about past achievements and strategies for future improvement. To engage participants, a puzzle game was organized, which not only added an element of fun but also emphasized the importance of critical thinking and problem-solving in education. This initiative aimed to raise awareness about the necessity of education for everyone and successfully inspired enthusiasm and commitment toward advancing SDG 4.





ACTIVITY 06: OPEN MIC CHALLENGE ON WOMEN EDUCATION

Organized By:
The Department of Pharmacy



Pharma Spark, in collaboration with the Directorate of Sustainable Environment (DSE), successfully hosted an impactful event titled “Open Mic Challenge,” focusing on the powerful theme of Women’s Education. The event aligned with Sustainable Development Goal 4 (SDG 4) – Quality Education, specifically targeting sub-targets 4.1, 4.4, and 4.7. It provided a dynamic platform for students to express their thoughts, experiences, and perspectives on the importance of educating women, using diverse formats such as speeches, storytelling, spoken word, and personal narratives. Participants from various departments passionately shared how empowering women through education not only transforms individual lives but also contributes to the progress of entire communities and nations. The event encouraged critical thinking and open dialogue on barriers to women’s education, cultural challenges, and the need for inclusive policies. Through heartfelt and thought-provoking performances, the Open Mic Challenge successfully highlighted the urgency and value of ensuring educational access and opportunities for women, echoing the broader goals of global equity and sustainable development.





ACTIVITY 07: VOICES FOR EDUCATION EQUALITY

Organized By:
The Department of Pharmacy



The Directorate of Sustainability and Environment (DSE), in collaboration with Pharma Spark Society, took an active initiative to raise awareness about education equality in support of SDG 4, which aims to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. This initiative specifically targeted SDG 4.5, which focuses on eliminating disparities in education and ensuring equal access to all levels of education and vocational training, particularly for vulnerable groups, including persons with disabilities, indigenous communities, and children in disadvantaged situations. To amplify this cause, students utilized social media platforms to spread awareness about the challenges in accessing education and the importance of equal learning opportunities. Through posts, discussions, and shared insights, they highlighted key issues such as the digital divide, gender disparities, and socio-economic barriers that hinder education accessibility. Their online advocacy aimed to inspire individuals and institutions to take meaningful action in promoting educational inclusivity and fostering a future where learning is accessible to all, regardless of background or circumstances.

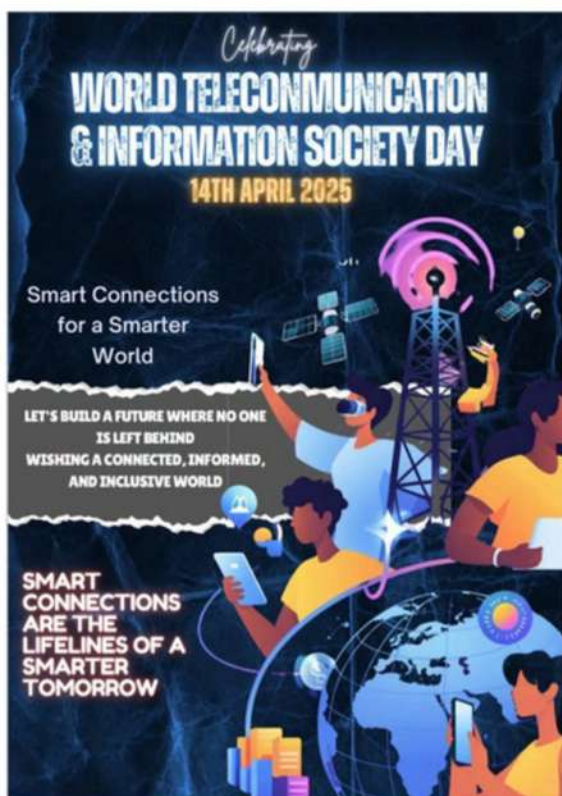


4 QUALITY
EDUCATION



ACTIVITY 08: SMART CONNECTION FOR A SMARTER WORLD

Organized By:
The Department of Pharmacy



Pharma Spark, in collaboration with the Directorate of Sustainable Environment (DSE), successfully organized an inspiring digital poster competition centered around the theme "Smart Connection for a Smarter World." The event aligned with Sustainable Development Goal 4 (SDG 4) – Quality Education, specifically targeting sub-targets 4.1, 4.4, and 4.7. The purpose of the competition was to provide students with a creative platform to reflect on and express the transformative impact of smart connections on education and the world. Students from various departments participated enthusiastically, using their designs to shed light on how smart connections can enhance access to quality education, promote lifelong learning, and foster global citizenship.





ACTIVITY 09: PEN OF FREEDOM: ESSAY COMPETITION

Organized By:
The Green Youth Movement
Club in collaboration with DSE



GYM Club organized an essay competition to commemorate Pakistan Day and reflect on its lasting legacy in today's world. The event supported SDG 4, explicitly targeting sub-goal 4.7, which promotes education for sustainable development and global citizenship. Students from various departments registered and arrived enthusiastically to participate in the competition. They penned thought-provoking essays on the theme. Their writings explored the significance of freedom, nation-building, and responsible citizenship in the modern era. The event fostered intellectual engagement and reinforced the importance of historical reflection in shaping a progressive future.





ACTIVITY 10:

REEL OF RESELIENCE: DOCUMENTARY COMPETITION

Organized By:
The Green Youth Movement
Club in collaboration with DSE



GYM Club, in collaboration with CMC, organized an online documentary competition to showcase Pakistan's journey, struggles, and achievements through the creative lens of students. The event supported SDG 4, specifically targeting sub-goal 4.7, which emphasizes education for sustainable development and awareness of cultural heritage. Students from various departments participated by submitting their documentaries online, capturing compelling narratives that reflected Pakistan's resilience and progress. The submissions were evaluated carefully, ensuring a balance of creativity and historical accuracy. The competition concluded with recognizing outstanding entries that effectively portrayed Pakistan's enduring spirit. Through this initiative, students engaged in digital storytelling while deepening their understanding of the nation's rich history and aspirations for the future.





ACTIVITY 11: CAREER GUIDANCE SEMINAR

Organized By:
The Department of Pharmacy



The Directorate of Sustainability and Environment (DSE), in collaboration with Faculty of Pharmacy, organized a Career Guidance Seminar to equip Pharm-D students with insights into future professional pathways and academic opportunities within the pharmaceutical and healthcare industries. This initiative aligned with SDG 4 (Quality Education), particularly Target 4.4, which focuses on increasing relevant skills for employment and entrepreneurship. The seminar featured an experienced guest speaker who shared valuable guidance on career planning, specialization options, industry expectations, and essential soft skills for personal and professional growth. Students engaged actively through Q&A sessions, gaining clarity on setting realistic goals and exploring diverse roles in clinical pharmacy, research, marketing, regulatory affairs, and academia.



SDG 05

GENDER EQUALITY



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Poster Competition on Gender Equality at CUST
2	Gender Equality Awareness Session: A Visit to a Govt School
3	Gender Equality Awareness Session: A Visit to an Academy
4	Gender Equality Awareness Session: A Visit to an Orphanage
5	SDG's EXPO 2025: Gender Equality
6	Awareness Session on Women's Health and Equality
7	Awareness Session on Polycystic Ovary Syndrome (PCOS)

5 GENDER
EQUALITY



ACTIVITY 01: POSTER COMPETITION ON GENDER EQUALITY

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



A vibrant poster competition on gender equality was held at the Capital University of Science and Technology (CUST) in Islamabad, where students passionately shared their thoughts and insights on the significance of gender equality in our society. This event aimed to raise awareness about Sustainable Development Goal 5 (SDG 5) – Gender Equality, with a particular focus on key targets:

§ 5.1: Ending all forms of discrimination

§ 5.5: Ensuring women's full participation in leadership

§ 5.C: Adopting policies for gender equality

The competition encouraged students to creatively express how gender equality contributes to a more just and equitable world, where every individual, regardless of gender, has the opportunity to thrive in all aspects of life. Through their imaginative posters, students highlighted the urgent need for equal rights, opportunities, and access to resources.



5 GENDER
EQUALITY



ACTIVITY 02:

GENDER EQUALITY AWARENESS SESSION: A VISIT TO A GOVT SCHOOL

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



Being SDG 05 Ambassador, Ms. Haleema had the privilege to visit a government school for boys in phase 7, where she was dedicated on talking on topics like Gender Equality, which highlighted Sustainable Development Goal 5. This initiative aims to empower underprivileged children, by providing them with educational opportunities and personal growth experiences. Her main goal was to raise awareness about gender equality, emphasizing its importance in today's society. Gender equality means ensuring that everyone, regardless of their gender, has the same rights, responsibilities, and opportunities. It is essential especially for boys to maintain this equality by fostering an environment of respect and understanding, where all voices are heard and valued.



5 GENDER
EQUALITY



ACTIVITY 03:

GENDER EQUALITY AWARENESS SESSION: A VISIT TO AN ACADEMY

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The session began with a warm welcome by Ms. Haleema Mohsin, SDG 05 Ambassador, who introduced the purpose of the event. A brief overview of gender equality was presented, focusing on equal rights, opportunities, and mutual respect for all genders. It was followed by:

- Interactive Talk on Gender Equality
- Group Activities and Games
- Storytelling Session
- Question & Answer Session
- Equality Pledge

The event aimed to promote awareness and understanding of gender equality among academy students. The goal was to encourage respectful attitudes, challenge stereotypes, and inspire young minds to support fairness and equal opportunities for all genders.



5 GENDER
EQUALITY



ACTIVITY 04:

GENDER EQUALITY AWARENESS SESSION: A VISIT TO AN ORPHANAGE

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The primary goal of this session was to educate and engage boys at the orphanage in conversations around gender equality, challenging stereotypes, and encouraging respect and fairness towards all genders from a young age. It aimed to shape positive attitudes and promote empathy, understanding, and shared responsibility. The key highlights of the event were:

- Introduction to Gender Equality
- Storytelling and Real-Life Examples
- Interactive Group Discussion
- Role Play Activity
- Creative Expression
- Equality Pledge





ACTIVITY 05: SDGS EXPO 2025: GENDER EQUALITY

Organized By:
The Directorate of Sustainability
and environment



Ms. Haleema Mohsin organized an interactive activity at a university expo to promote gender equality, aligning with SDG 5.

The activity challenged traditional gender roles by having male participants prepare and serve green tea, a task typically associated with women. This sparked discussions about the limitations of gender stereotypes and how challenging them can foster fairness and inclusivity in both personal and professional settings.

The initiative was well-received, particularly by female students, and aimed to encourage critical thinking about gender roles and promote equal participation for all genders.



ACTIVITY 06: AWARENESS SESSION ON WOMEN HEALTH

Organized By:
The Department of Bioinformatics
and Biosciences



The Department of Bioinformatics and Biosciences, GENIX society in collaboration with DSE, organized an awareness session on women's health and equality at Concordia College, focusing on Sustainable Development Goal 5.6 (Ensure universal access to sexual and reproductive health and reproductive rights). The event promoted a culture of inclusivity and respect, inspiring students to contribute to women's health and equality.

5 GENDER
EQUALITY



ACTIVITY 07: AWARENESS SESSION ON POLYCYSTIC OVARY SYNDROME

Organized By:
The Department of Bioinformatics
and Biosciences



The Department of Sustainability and Environment (DSE), in collaboration with the Genix Society, Department of Bioinformatics and Biosciences, Capital University of Science and Technology, conducted an awareness session on Polycystic Ovary Syndrome (PCOS) at Punjab College on March 1, 2025. The session aimed to educate young women about PCOS's causes, symptoms, and long-term health implications, promoting early diagnosis and lifestyle management. Key objectives included raising awareness about hormonal imbalance, menstrual irregularities, and mental health issues associated with PCOS, while providing guidance on dietary and medical interventions. The interactive session empowered students to seek timely medical help and adopt preventive measures. This initiative contributed to SDG 5.6 (Ensure universal access to sexual and reproductive health and reproductive rights), fostering good health, well-being, and gender equality among young women.



SDG 06

CLEAN WATER &
SANITATION



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Clean Water and Sanitation Quiz
2	AI Revolutionizing Civil Engineering
3	Water Filtration Competition
4	Water Quality Testing
5	FM Talk on Water Conservation
6	Awareness Desk on Save Water
7	Awareness Walk on Save Water
8	Training on WaterGEMS and SewerGEMS Software
9	Save Water Campaign
10	Poster Competition on Water Conservation
11	Presentation on water conservation
12	Workshop on “Water Quality Analysis using EPANET”



6 CLEAN WATER
AND SANITATION



ACTIVITY 01:

CLEAN WATER AND SANITATION QUIZ

Organized By:
The Department of Civil Engineering



ASCE organized an impactful Quiz Competition. This event aimed to assess the knowledge of students of Civil Engineering related to efficient use of water. This quiz drive aligned with SDG Target 6.a, which focuses on ensuring access to clean water, preservation, and efficient use of water resources for all people. Through this effort, community spirit was fostered, taking a step toward building a more inclusive and supportive campus environment by addressing clean water and its preservation and well-being for all. The competition had a winner and a runner up from the Civil Engineering Department. By meeting the basic needs of the community, the quiz reinforced the importance of shared responsibility in achieving sustainability in planning, utilization of water resources and preservation of water for the future generations.



6 CLEAN WATER
AND SANITATION



ACTIVITY 02: AI REVOLUTIONIZING CIVIL ENGINEERING

Organized By:
The Department of Civil Engineering



ASCE organized a seminar on the topic “AI Revolutionizing Civil Engineering”. The event connected to SDG 6, emphasizing clean water and sanitation. By educating engineers and students about AI-powered solutions for water management, such as predictive maintenance, optimized distribution systems, and water quality monitoring, the seminar highlighted the importance of technology in ensuring sustainable water resources. This initiative aligns with SDG 6.3, focusing on improving water quality. By discussing AI-powered traffic management and urban planning solutions, the event emphasized the role of technology in creating sustainable and resilient cities. Overall, this initiative engaged participants with the critical components of SDGs 6, encouraging them to consider their roles in creating a sustainable future.



6 CLEAN WATER
AND SANITATION



ACTIVITY 03: WATER FILTRATION COMPETITION

Organized By:
The Department of Civil Engineering



ASCE organized a water filtration competition. This initiative directly aligned with SDG 6, specifically, this initiative connected to Target 6.3: Improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally by 2030. By challenging students to design and build innovative water filtration systems, the competition encouraged them to develop practical solutions to address water quality challenges and contribute to achieving this critical SDG.



6 CLEAN WATER
AND SANITATION



ACTIVITY 04: WATER QUALITY TESTING

Organized By:
The Department of Civil Engineering



ACE organized a Water Quality Testing event, an initiative that directly aligns with Sustainable Development Goal (SDG) 6: Clean Water and Sanitation. This event aimed to raise awareness about the importance of water quality and equip participants with practical skills to assess and address water-related challenges in their communities. The initiative specifically connects to Target 6.3 of SDG 6, which focuses on improving water quality by reducing pollution, eliminating dumping, and minimizing the release of hazardous chemicals and materials. By engaging participants in hands-on water quality testing activities, the event emphasized the need to monitor and protect water resources, ensuring safe and clean water for all.



6 CLEAN WATER
AND SANITATION



ACTIVITY 05: FM TALK ON WATER CONSERVATION

Organized By:
The Green Youth Movement Club



The CUST GYM Club in collaboration with the Directorate of Sustainability and Environment (DSE), organized an FM talk on "Conservation of Water" to support SDG 6 (Clean Water and Sanitation). The session highlighted practical strategies for water conservation, the impact of water scarcity, and the role of individuals and institutions in ensuring sustainable water management. Through engaging discussions, students explored innovative solutions and best practices, fostering critical thinking and awareness about global water challenges. By integrating education with sustainability, the talk emphasized how informed individuals can drive positive change. The session concluded with a call to action, urging everyone to adopt water-saving habits and contribute to a water-secure future through responsible knowledge and action.



6 CLEAN WATER AND SANITATION



ACTIVITY 06:

SAVE WATER CAMPAIGN: AWARENESS DESK

Organized By:
The Department of Civil Engineering



A “Save Water Awareness Desk” event was organized by the ASCE to highlight the importance of sustainable water management in alignment with Sustainable Development Goal 6 (Clean Water and Sanitation). Particularly, this event aligned with SDG 6.4, which focuses on increasing water use efficiency and ensuring sustainable freshwater withdrawals to address water scarcity. The event aimed to educate students and faculty on the urgent need to conserve water and ensure its availability for all. Through informational posters, and interactive discussions, participants learned about practical strategies to reduce water wastage and improve water use efficiency in daily life. The desk also highlighted the global water crisis and the importance of community action in achieving universal access to safe and affordable water.



6 CLEAN WATER AND SANITATION



ACTIVITY 07: SAVE WATER CAMPAIGN: AWARENESS WALK

Organized By:
The Department of Civil Engineering



Water conservation in alignment with Sustainable Development Goal 6 (Clean Water and Sanitation). Particularly, this event aligned with SDG 6.4, which focuses on increasing water use efficiency and ensuring sustainable freshwater withdrawals to address water scarcity. The walk saw enthusiast participation from students, who carried banner with compelling messages promoting sustainable use of water, The purpose of the event was to inform the wider community about increasing threats and water scarcity and the Importance of ensuring clean and safe water for all. Throughout the walk, educational flyers were distributed, offering simple and effective water-saving techniques for households, Institutions, and agriculture. The event also aimed to encourage behavioral changes by fostering a sense of environmental responsibility among participants.



6 CLEAN WATER
AND SANITATION



ACTIVITY 08: TRAINING ON WATERGEMS AND SEWERGEMS SOFTWARE

Organized By:
The Department of Civil Engineering



A training session was organized by ASCE for students on the use of the WaterGEMS and SewerGEMS software, aligning with Sustainable Development Goal 6 (Clean Water and Sanitation). The session aimed to enhance students' practical skills in modern hydraulic modelling tools used for designing and analyzing water distribution and sewer systems. The industry professional provided hands-on demonstrations, guiding participants through real-world scenarios involving network planning, leak detection, pressure management, and wastewater flow analysis. The training not only bridged the gap between academic learning and industry practices but also emphasized the role of technology in achieving efficient and sustainable water infrastructure. Students gained valuable decision making and resource management in line with SDG 6.4, which promotes water-use efficiency and sustainable freshwater management. The session concluded with interactive Q&A, encouraging students to explore careers in water resource engineering and infrastructure planning.



6 CLEAN WATER
AND SANITATION



ACTIVITY 09: SEMINAR ON SAVING WATER

Organized By:
The Department of Mechanical Engineering



A “Save Water” campaign was organized on 12 May, 2025 to raise awareness about the critical importance of water conservation and to promote responsible usage among the public. The campaign featured activities such as awareness drives, educational demonstrations, and the distribution of informational materials outlining practical methods to reduce water wastage, including repairing leaks, using water-efficient fixtures, and practicing mindful consumption. This initiative aligns with Sustainable Development Goal (SDG) 6: Clean Water and Sanitation, particularly Target 6.4, which aims to increase water-use efficiency and ensure sustainable freshwater availability.



6 CLEAN WATER AND SANITATION



ACTIVITY 10: POSTER COMPETITION ON WATER CONSERVATION

Organized By:
The Department of Pharmacy



The Directorate of Sustainability and Environment (DSE), in collaboration with CUST GYM CLUB, organized an Online Poster Competition on the theme "Water Conservation" to support SDG 6 (Clean Water and Sanitation), specifically focusing on its sub-targets 6.4 (Increase water-use efficiency), 6.5 (Implement integrated water resources management), and 6.6 (Protect and restore water-related ecosystems). The competition aimed to engage students in raising awareness about water conservation through creative online submissions. Participants submitted their posters digitally, showcasing innovative designs that highlighted the importance of reducing water wastage, protecting water ecosystems, and promoting efficient water management.



6 CLEAN WATER
AND SANITATION



ACTIVITY 11: PRESENTATIONS ON WATER CONSERVATION

Organized By:
The Department of Pharmacy



The Directorate of Sustainability and Environment (DSE), in collaboration with CUST GYM CLUBS, organized an insightful presentation on "Water Conservation" to support SDG 6. Students participated in the presentation on March 19, 2025, from 11:30 am to 12:15 pm. The session highlighted practical strategies for responsible water conservation, the environmental and economic impacts of water consumption, and the role of individuals and institutions in promoting sustainable water practices. Students actively engaged in discussions, exploring innovative solutions such as renewable water adoption, smart water usage, and waste reduction in water use. The presentation concluded with a call to action, urging everyone to adopt water-efficient habits and contribute to a sustainable water future.



6 CLEAN WATER
AND SANITATION



ACTIVITY 12:

WORKSHOP ON “WATER QUALITY ANALYSIS USING EPANET”

Organized By:
The Department of Civil Engineering

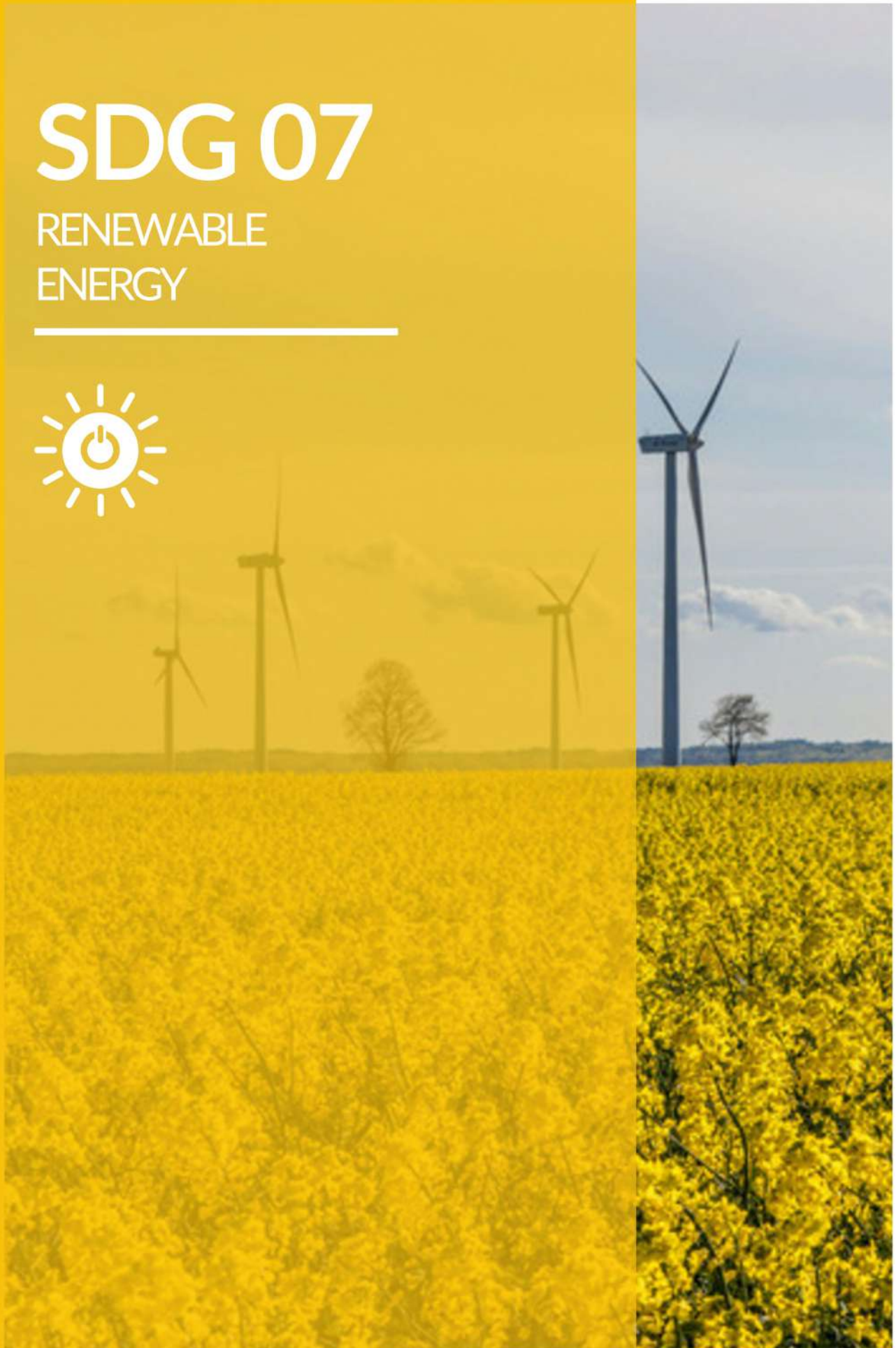


ASCE successfully organized a specialized workshop focusing on Water Quality Analysis using EPANET, conducted on June 12, 2025, with active participation from its students. The session was skillfully facilitated by Engr. Minhas Shah. The training centered on equipping students with practical experience in comprehensive water quality modeling within distribution networks, a critical skill in environmental engineering, directly aligning academic knowledge with current industry practices. Students received hands-on exposure through live demonstrations, learning key aspects such as network input, hydraulic modeling, constituent transport analysis (e.g., chlorine decay, contaminant tracking), and water age determination. This initiative is directly linked to Sustainable Development Goal 6: Clean Water and Sanitation, particularly supporting the sub-clause of SDG 6, 6.3, which emphasizes improving water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials.



SDG 07

RENEWABLE
ENERGY



LIST OF ACTIVITIES

Sr. No.	Activity Title
1	Visit to University's Power House
2	Promoting the Usage of Clean Energy
3	Seminar on Sustainable Energy Solutions for Developing Countries
4	Study Tour to Mangla Hydro Power Plant
5	SDG's EXPO: Affordable and Clean Energy
6	Energy Conservation Building Code
7	Responsible Production and Conservation of Energy
8	Animated Screening - The Magic School Bus: Getting Energized
9	Digital Poster Competition
10	How Green Energy Will Change Our Future
11	Hand-Drawn Poster Competition
12	Student Survey - Renewable Energy
13	Study Visit - Exploring the Energy Backbone of CUST
14	Seminar on Rooftop Solar Installations Designing
15	Renewable Energy Awareness Talk
16	Seminar on Understanding Small Wind Turbines
17	Sustainable Strokes- Art for Energy and Well-being

7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 01: VISIT TO UNIVERSITY'S POWER HOUSE

Organized By:
**The Department of Electrical
& Computing Engineering**



The Department of Electrical and Computer Engineering in collaboration with the Directorate of Sustainability and Environment (DSE) organized a knowledge enriching Visit to the University's Power House(Solar Hub) to support SDG 07, specifically targeting 7.a to enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency, and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology. Students from different departments enthusiastically participated in seeing the Power House and the Solar Hub. The guests explained all the systems and technology used in the Power House, provided real-time values of different systems active in providing clean energy to the university, and answered questions from all the students. The modern technology used to balance the university's electrical loads drew the attention of students. The event encouraged the students to foster a culture of sustainability in and beyond the campus.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 02: PROMOTING THE USAGE OF CLEAN ENERGY"

Organized By:
The Department of Electrical
& Computing Engineering



The Department of Electrical and Computer Engineering organized an insightful Seminar on Promoting the Usage of Clean Energy to support SDG 07, specifically targeting 7.a, which aims to enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency, and advanced cleaner fossil-fuel technologies. The seminar highlighted the significance of clean energy in mitigating climate change, reducing fossil fuel dependency, and advancing sustainable development. The session explored various clean energy technologies, including solar power, wind energy, hydropower, geothermal systems, and biomass, emphasizing their practical applications in homes, transportation, and industry. Participants gained a deeper understanding of the challenges in adopting clean energy, such as high initial costs and infrastructure limitations, along with solutions involving government incentives, technological innovations, and community awareness.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 03:

SUSTAINABLE ENERGY SOLUTIONS FOR DEVELOPING COUNTRIES

Organized By:
**The Department of Electrical
& Computing Engineering**



The Department of Electrical and Computer Engineering organized a Seminar on Sustainable Energy Solutions for Developing Countries to address global energy challenges and promote SDG 07. This seminar specifically targeted SDG 7.1, which aims to ensure universal access to affordable, reliable, and modern energy services. The session explored various renewable energy technologies, including solar power, wind energy, and bioenergy, emphasizing their role in providing clean and sustainable power solutions. Key topics included the benefits of solar panels in powering remote areas, wind turbines for scalable energy projects, and bioenergy as a means of turning organic waste into power. The seminar highlighted the importance of sustainable energy in eradicating poverty, combating climate change, and enhancing public health.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 04: STUDY TOUR TO MANGLA HYDRO POWER PLANT

Organized By:
The Department of Electrical
& Computing Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE), organized an insightful study tour to Mangla Hydro Power Plant to "Explore the Wonders of Hydropower and foster a deeper understanding of Sustainable Energy solutions" to support SDG 07, specifically targeting 7.1. Students actively participated in this educational excursion, gaining a deeper understanding of hydropower technology and its role in sustainable energy generation. Experts on-site provided a comprehensive overview of the dam's history, technical operations, and its contribution to national energy production. Students observed real-time operations of turbines and control systems, fostering an appreciation for the intricacies of renewable energy management. The tour concluded with an interactive Q&A session, inspiring students to engage in sustainable energy initiatives and innovative solutions for future energy challenges.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 05:

SDG'S EXPO: AFFORDABLE AND CLEAN ENERGY

Organized By:
The Directorate of Sustainability
and Environment



A dedicated stall focused on SDG 07: Affordable and Clean Energy, featuring a final year project (FYP) that harnessed energy from both solar and wind sources, showcasing a hybrid renewable energy system designed to provide reliable and sustainable power solutions. The project captivated visitors with its innovative approach to dual-energy harvesting, emphasizing its efficiency, cost-effectiveness, and contribution to sustainable energy practices.

The event concluded with a certificate ceremony recognizing the efforts of the SDG Ambassadors for their participation and contributions. As the Ambassador of SDG 07, Mr. Aitzaz Arshad received recognition for leadership and dedication to promoting clean and affordable energy solutions. The Expo served as an inspiring platform to advance sustainable development through technological innovation and collaborative action.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 06: ENERGY CONSERVATION BUILDING CODE

Organized By:
The Department of Mechanical Engineering



The event brought together students, faculty, and industry experts to discuss the importance of energy efficiency and sustainable building practices. Our esteemed guest speaker, Dr. Zeeshan Ullah, Director Buildings, NEECA, Ministry of Energy Pakistan, provided valuable insights into the ECBC-2023. The interactive seminar highlighted the code's key provisions and its potential to reduce energy consumption and promote sustainable development. This partnership between CUST and NEECA is poised to drive sustainable development and innovation in Pakistan's energy sector, paving the way for a greener and more energy-efficient future. By fostering collaboration between academia, industry, and policymakers, this effort contributes to sustainable infrastructure development, supporting SDG 7 (Affordable and Clean Energy), specifically Targets 7.3 which aims, By 2030, double the global rate of improvement in energy efficiency".



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 07:

RESPONSIBLE PRODUCTION AND CONSERVATION OF ENERGY

Organized By:
The Green Youth Movement Club



The Directorate of Sustainability and Environment (DSE), in collaboration with CUST GYM CLUBS, organized an FM talk on "Responsible Production and Conservation of Energy" to support SDG 7.2 (Affordable and Clean Energy). The session highlighted practical strategies for responsible energy use, the environmental and economic impacts of energy consumption, and the role of individuals and institutions in promoting sustainability. By engaging students in discussions on renewable energy, smart consumption, and waste reduction, the talk fostered critical thinking, problem-solving, and global awareness. It reinforced how education plays a key role in equipping individuals with the knowledge and skills needed to tackle sustainability challenges. The session concluded with a call to action, encouraging energy-efficient habits and reinforcing the link between education and environmental responsibility for a sustainable future.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 08:

ANIMATED SCREENING - THE MAGIC SCHOOL BUS: GETTING ENERGIZED

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, hosted an animated screening of "The Magic School Bus: Getting Energized." The screening provided school students with a fun and educational introduction to energy sources, including renewables like solar, wind, and water power. This event supported SDG 07, addressing Target 7.1, by introducing basic concepts of energy access and sustainability, and Target 7.5, by promoting energy education for youth in a developing country through an engaging and accessible format.



7 AFFORDABLE AND
CLEAN ENERGY

ACTIVITY 09: DIGITAL POSTER COMPETITION: CONSERVATION OF ENERGY

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, organized a Digital Poster Design Competition titled "Innovative Solutions for Renewable Energy Transition." This event encouraged students to design and submit digital posters envisioning advanced renewable energy technologies and smart grids. It was aligned with SDG 07, particularly Target 7.2, by promoting student-led awareness of renewable energy's importance in transitioning away from fossil fuels, and Target 7.4, by fostering creative engagement with research and technological innovation in clean energy. The competition showcased the role of youth in spreading sustainability through digital creativity.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 10:

HOW GREEN ENERGY WILL CHANGE OUR FUTURE?

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, hosted a school visit for the awareness of "How Green Energy Will Change Our Future." The awareness talks exposed school students to global green energy solutions, climate change mitigation strategies, and the importance of sustainable technologies. It aligned with SDG 07, specifically Target 7.2, by promoting broader public awareness of renewable energy integration and Target 7.4, by facilitating access to clean energy research and innovation in an educational setting.



7 AFFORDABLE AND CLEAN ENERGY



ACTIVITY 11: HAND-DRAWN POSTER COMPETITION

Organized By:
The Department of Electrical Engineering



CERTIFICATE OF APPRECIATION

This certificate is presented to

MUHAMMAD ALI HASSAN

for participating in
HAND DRAWN POSTER COMPETITION
at CUST in collaboration of Green Youth Movement Club with
Directorate of Sustainability and Environment,
Theme: "Renewable Energy for a Sustainable Future"

Engr. Suleman Khan
Representative from ECE

Dr. Noor Muhammad Khan
HOD ECE

CERTIFICATE OF APPRECIATION

This certificate is presented to

GULFAM HAIDER

for participating in
HAND DRAWN POSTER COMPETITION
at CUST in collaboration of Green Youth Movement Club with
Directorate of Sustainability and Environment,
Theme: "Renewable Energy for a Sustainable Future"

Engr. Suleman Khan
Representative from ECE

Dr. Noor Muhammad Khan
HOD ECE

CERTIFICATE OF APPRECIATION

This certificate is presented to

ZARYAB TANVEER

for participating in
HAND DRAWN POSTER COMPETITION
at CUST in collaboration of Green Youth Movement Club with
Directorate of Sustainability and Environment,
Theme: "Renewable Energy for a Sustainable Future"

Engr. Suleman Khan
Representative from ECE

Dr. Noor Muhammad Khan
HOD ECE

The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, organized a Hand-Drawn Poster Competition under the theme "Renewable Energy for a Sustainable Future." The event aimed to raise awareness and spark creativity among students regarding clean and renewable energy. Participants illustrated sources such as solar, wind, and hydro energy. This initiative directly supported SDG 07, specifically Target 7.1, by fostering understanding of the need for universal access to modern and reliable energy services, and Target 7.2, by promoting the role of renewables in the global energy mix. Each poster was evaluated on creativity, originality, and relevance, and e-certificates were distributed to acknowledge the participants' contributions.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 12:

STUDENT SURVEY - RENEWABLE ENERGY

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, organized an awareness survey among school students to assess their understanding of clean energy and SDG 07. The survey featured multiple-choice and opinion-based questions, engaging students to reflect on their knowledge, behavior, and attitudes towards sustainable energy. The activity contributed to Target 7.1, by educating students on the significance of universal energy access; Target 7.2, by promoting the shift towards renewable energy in public awareness; and Target 7.5, by facilitating outreach and energy education in a developing country context.



7 AFFORDABLE AND
CLEAN ENERGY

ACTIVITY 13:

STUDY VISIT - EXPLORING THE
ENERGY BACKBONE OF CUST

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, conducted an educational study visit titled "Exploring the Energy Backbone of CUST." Students were given an in-depth tour of the university's 1MW solar power setup, energy-efficient infrastructure, HT/LT panels, inverters, and backup generator systems. The visit provided students with practical exposure to power generation, load distribution, and power factor correction. This event effectively supported Target 7.1 by highlighting access to reliable and modern energy, Target 7.3 by demonstrating improvements in energy efficiency, and Target 7.4 by providing access to real-world applications of clean energy technologies.



7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 14:

SEMINAR ON ROOFTOP SOLAR INSTALLATIONS DESIGNING

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, organized a lab seminar titled “Designing Rooftop Solar Installations.” The session introduced students to the technical and practical aspects of solar energy, including panel orientation, inverters, net metering, and maintenance. Demonstrations and group discussions enhanced understanding of rooftop systems. The session aligned with SDG 07, specifically Target 7.2, by promoting renewable energy awareness, and Target 7.4, by increasing access to clean energy technology in an educational context.

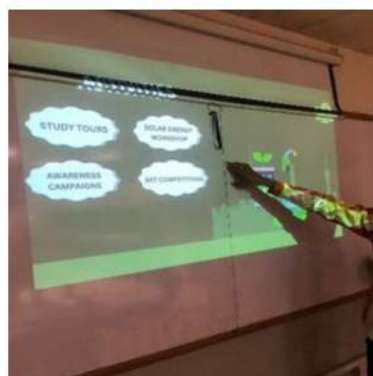


7 AFFORDABLE AND CLEAN ENERGY



ACTIVITY 15: RENEWABLE ENERGY AWARENESS TALK

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, organized the "Renewable Energy Awareness Talk - SDG 07 Team Presentation" to promote understanding of affordable and clean energy among students. The event led by the SDG 07 Team, featured an insightful presentation outlining the team's mission, a recap of impactful events focused on solar, wind, and other renewable energy sources, and a motivational segment to inspire peer engagement in sustainability efforts. . The event aligned with SDG 07, Target 7.1 universal access to modern energy, Target 7.2 increasing the share of renewables, and Target 7.4 i.e. enhancing access to clean energy technologies and cooperation.

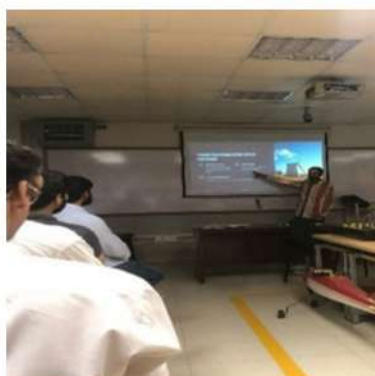


7 AFFORDABLE AND
CLEAN ENERGY



ACTIVITY 16: SEMINAR ON UNDERSTANDING SMALL WIND TURBINES

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE) and the GYM Club, conducted an insightful lab discussion titled “Understanding Small Wind Turbines.” The session provided a platform for students to explore the core components of wind turbines, their role in energy generation, optimal site selection strategies, and the practical challenges faced in real-world applications. It directly supported Sustainable Development Goal (SDG) 07, particularly Target 7.1, by promoting awareness of affordable, reliable energy solutions, and Target 7.2, by encouraging the adoption and understanding of renewable wind energy systems as a viable alternative for future energy needs.



7 AFFORDABLE AND
CLEAN ENERGY

ACTIVITY 17: SUSTAINABLE STROKES- ART FOR ENERGY AND WELL-BEING

Organized By:
The Department of Psychology



The Department of Psychology, in collaboration with the GYM Club and the Directorate of Sustainability and Environment (DSE), organized “Sustainable Strokes – Art for Energy & Well-being,” a powerful art exhibition aimed at raising awareness around mental health and sustainability. The students showcased thought-provoking posters and paintings that explored emotional well-being, social challenges, and the role of clean energy in promoting a healthier world. The exhibition offered a unique blend of creativity and consciousness, with several artworks illustrating the connection between renewable energy and human well-being. By bridging the gap between artistic expression and environmental advocacy, the event advanced SDG 07 (Target 7.2 – increasing awareness of renewable energy through innovative, creative channels).



SDG 08

DECENT WORK & ECONOMIC GROWTH



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	The Success story of Islamic Banking and Finance
2	Stress Management
3	Awareness walk: Fair Wages and Safe workplace
4	Safety in construction: the role of innovation
5	The Importance of Business Communication in Organization
6	SDG's EXPO: Decent Work and Economic Growth

8 DECENT WORK AND
ECONOMIC GROWTH



ACTIVITY 01:

THE SUCCESS STORY OF ISLAMIC BANKING AND FINANCE

Organized By:

The Department of Accounting and Finance



Department of Accounting and Finance, under the Society of Accounting, Finance and Economics (SAFE), with the collaboration of DSE at Capital University of Science and Technology, organized an attractive session on “The Success Story of Islamic Banking and Finance” held on Tuesday, November 5, 2024, featured Mr. Zulqarnain Haider sharing insightful perspectives on the growth and achievements of Islamic banking. The session The Success Story of Islamic Banking and Finance aligns with Target 8.3 which emphasizes promoting development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity, and innovation, and encouraging the growth of micro, small, and medium-sized enterprises (MSMEs) through financial inclusion. Islamic banking, as highlighted in the seminar, directly supports this target by providing Shariah-compliant financial solutions that foster entrepreneurship and empower MSMEs.



8 DECENT WORK AND
ECONOMIC GROWTH



ACTIVITY 02: STRESS MANAGEMENT

Organized By:
The Department of Accounting and Finance



Department of Accounting and Finance, under the Society of Accounting, Finance and Economics (SAFE), with the collaboration of DSE at Capital University of Science and Technology, organized an attractive session on "Stress Management". Ms. Sumia's session on stress management aligns with Target 8.5 of which aims to achieve full and productive employment and decent work for all, while ensuring equal pay for work of equal value. Effective stress management contributes to this target by fostering a supportive work environment where employees can perform to their fullest potential without being hindered by mental health challenges. By reducing workplace stress and enhancing mental well-being, organizations can ensure higher employee productivity and job satisfaction, which are essential for sustained economic growth.



**8 DECENT WORK AND
ECONOMIC GROWTH**



ACTIVITY 03: AWARENESS WALK: FAIR WAGES AND SAFE WORKPLACE

Organized By:
The Department of Accounting and Finance



The purpose of the event was to promote decent work conditions, dignity, and respect for all workers, while advocating for the eradication of forced labor, modern slavery, and human trafficking. The objectives of the event were multifaceted. Firstly, it sought to educate participants about the significance of fair wages and safe workplaces. Secondly, it aimed to encourage stakeholders to take action in promoting decent work conditions. Finally, it sought to foster partnerships and collaborations among organizations, academia, and civil society. The event conveyed several key messages, including the notion that fair wages and safe workplaces are fundamental human rights. It also emphasized that decent work conditions are essential for economic growth, social justice, and human dignity targeting SDGs goal 8.5, 8.7 and 8.8.

8 DECENT WORK AND
ECONOMIC GROWTH



ACTIVITY 04:

SAFETY IN CONSTRUCTION: THE ROLE OF INNOVATION

Organized By:

The Department of Accounting and Finance



ASCE in collaboration with OSH Student Club organized a seminar on the topic “Safety in Construction: The Role of Innovation”. The seminar directly connected to SDG 8, which promotes decent work and economic growth, particularly through Target 8.8, which focuses on promoting safe and secure working environments for all workers. By exploring innovative safety technologies and best practices, such as wearable safety devices, AI-powered safety monitoring systems, and improved construction methodologies, the seminar encouraged the adoption of advanced solutions to enhance the well-being of construction workers. Overall, this initiative engaged participants with the critical components of SDG 8, encouraging them to consider their roles in creating a safer, more sustainable, and inclusive construction industry.

8 DECENT WORK AND ECONOMIC GROWTH



ACTIVITY 05:

THE IMPORTANCE OF BUSINESS COMMUNICATION IN ORGANIZATIONS

Organized By:
The Department of Accounting and Finance



The Department of Accounting and Finance, under the Society of Accounting, Finance and Economics (SAFE), organized an impactful seminar on “The Importance of Business Communication in Organizations” held on Tuesday, April 22, 2025, featuring Ms. Rida Fatima, CSS Officer at NHCD, who shared key strategies for effective communication and inspired students with her motivational CSS journey. The session aligns with Target 8.3, of SDG 8, which emphasizes promoting development-oriented policies that support productive activities, decent job creation, and innovation. Business communication, as highlighted in the seminar, directly supports this target by enhancing workplace efficiency, empowering professionals, and fostering a culture of collaboration and growth. Strong communication skills are essential for career success, entrepreneurship, and the sustainable development of organizations, contributing to inclusive economic progress. Through this seminar, students gained valuable insights into building professional excellence and preparing for impactful roles in the workforce.



**8 DECENT WORK AND
ECONOMIC GROWTH**



ACTIVITY 06:

SDG'S EXPO: DECENT WORK AND ECONOMIC GROWTH

Organized By:
The Department of Accounting and Finance



The SDG 8 stall at the SDG Expo 2025 showcased initiatives promoting Decent Work and Economic Growth. Interactive presentations, charts, and models highlighted projects such as vocational training programs, startup incubators, and job fairs. These displays demonstrated efforts to foster economic growth, support entrepreneurship, and facilitate career development. Visitors explored the stall, learning about partnerships with local businesses, skills development workshops, and research initiatives focused on sustainable economic practices. Engaging visuals and real-life success stories illustrated the impact of these initiatives, providing valuable insights into achieving SDG 8's vision of sustainable economic growth and decent work for all.

SDG 09

INDUSTRY, INNOVATION
AND INFRASTRUCTURE



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Awareness Desk on Green Infrastructure
2	Awareness Walk on Green Infrastructure
3	Site Visitation at main Adyala road
4	Infrastructure Design using Building Information Modeling (BIM)
5	Energy Conservation Building Code
6	Intellectual Property and Academia-Industry Collaboration: A Perspective
7	Industrial Outreach Meeting
8	Collaboration with the Pakistan HVACR Society
9	Collaboration with NEECA, Ministry of Energy
10	Smog Awareness
11	ROBO CUST 2025
12	SDG'S EXPO 2025: Industry, Innovation, & Infrastructure
13	Clean room guidelines for Air Conditioning System
14	Revit Workshop
15	HPLC Workshop
16	30th Pakistan HVACR International Expo & Conference 2025



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 01: AWARENESS DESK ON GREEN INFRASTRUCTURE

Organized By:
The Department of Civil Engineering



ACE organized an Awareness Desk focused on green infrastructure, highlighting its essential role in developing sustainable urban environments. The event also linked to SDG 9, which emphasizes building resilient infrastructure and fostering innovation. By educating students about integrating green infrastructure such as green roofs, urban forests, and permeable pavements, ACE highlighted the importance of nature-based solutions in enhancing urban resilience and addressing climate change. This initiative aligns with SDG 9.1, which focuses on developing quality, reliable, sustainable, and resilient infrastructure. This initiative encouraged students to consider their roles in creating sustainable infrastructure that benefits both communities and the environment.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 02: AWARENESS WALK ON GREEN INFRASTRUCTURE

Organized By:
The Department of Civil Engineering



ASCE, in collaboration with DSE, organized an Awareness Walk to promote green infrastructure and nature-based solutions. This initiative aligned with SDG 9, emphasizing resilient infrastructure and innovation. By educating students about green infrastructure like green roofs, urban forests, and permeable pavements, ASCE highlighted the importance of nature-based solutions for enhancing urban resilience and addressing climate change. It also focusing on developing quality, reliable, sustainable, resilient infrastructure, and equipping learners with knowledge for promoting sustainability. Overall, this initiative engaged students with the critical components of SDG 9, encouraging them to consider their roles in creating sustainable infrastructure that benefits both communities and the environment.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 03:

SITE VISITATION AT MAIN ADVALA ROAD

Organized By:
The Department of Civil Engineering



ACE organized a construction site visit for Batch 233 and 243, an initiative that directly aligns with SDG 9: Industry, Innovation. This site visit provided students with hands-on exposure to real-world construction practices, fostering practical solutions to address infrastructure challenges and contribute to achieving these critical SDGs. The initiative specifically connects to Target 9.1 of SDG 9, which aims to develop quality, reliable, sustainable, and resilient infrastructure to support economic development and human well-being, which aims to reduce the adverse per capita environmental impact of cities, including by paying special attention to air and water quality, municipal and other waste management, and human settlements. By encouraging students to observe and learn about modern construction techniques, safety protocols, and sustainable practices, the visit promotes the development of infrastructure that is both innovative and environmentally responsible, contributing to the creation of sustainable and resilient cities.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 04:

INFRASTRUCTURE DESIGN USING BUILDING INFORMATION MODELING

Organized By:
The Department of Civil Engineering



ASCE organized a training session on “Infrastructure Design using Building Information Modeling (BIM)”, an initiative that aligns with Sustainable Development Goal (SDG) 9: Industry, Innovation, and Infrastructure. This training equipped participants with advanced BIM skills, enabling them to design innovative, efficient, and sustainable infrastructure systems. By integrating digital tools and sustainable practices, the initiative fosters solutions to global infrastructure challenges, contributing to both SDGs. The training connects to Target 9.1 of SDG 9, which focuses on quality, reliable, and resilient infrastructure. By encouraging BIM for resource optimization, waste reduction, and enhanced collaboration, the training promotes infrastructure that is environmentally sustainable, economically viable, and supportive of resilient urban development.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 05:

SEMINAR ON THE ENERGY CONSERVATION BUILDING CODE (ECBC-2023)

Organized By:
The Department of Mechanical Engineering



The event brought together students, faculty, and industry experts to discuss the importance of energy efficiency and sustainable building practices. Our esteemed guest speaker, Dr. Zeeshan Ullah, Director Buildings, NEECA, Ministry of Energy Pakistan, provided valuable insights into the ECBC-2023. The interactive seminar highlighted the code's key provisions and its potential to reduce energy consumption and promote sustainable development. This partnership between CUST and NEECA is poised to drive sustainable development and innovation in Pakistan's energy sector, paving the way for a greener and more energy-efficient future. By fostering collaboration between academia, industry, and policymakers, this effort contributes to sustainable infrastructure development, supporting SDG 9 (Industry, Innovation, and Infrastructure), specifically Targets 9.1, 9.4, and 9.c.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 06:

INTELLECTUAL PROPERTY AND ACADEMIA-INDUSTRY COLLABORATION

Organized By:
The Department of Mechanical Engineering



An FDP Session was scheduled by the Department of ME on the topic "Intellectual Property and Academia-Industry Collaboration: A Perspective" on Tuesday, 24th December 2024, from 2:20 pm to 3:20 pm in the Mechanical Engineering workshop. The guest speaker was Dr. Saheeb Ahmed Kayani, CEng MIET, SFHEA, Assistant Professor, Department of Mechanical Engineering, College of Electrical and Mechanical Engineering, National University of Sciences and Technology. More than 17 people attended the session, including all the faculty of the ME department. This event aligned with SDG 9 (Industry, Innovation, and Infrastructure), specifically Target 9.2, which promotes inclusive and sustainable industrialization, and Target 9.5, which encourages innovation and research in technology.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 07: INDUSTRIAL OUTREACH MEETING

Organized By:
The Department of Mechanical Engineering



An Industrial Outreach meeting was held on November 13, 2024, between representatives from Itel Energy Division of Transsion Holdings China and the Mechanical Engineering Department of Capital University of Science and Technology (CUST). The meeting aimed to explore potential areas of cooperation and collaboration between the two organizations. During the meeting, discussions focused on potential collaborations, including student internships, joint research projects, and technical seminars. Itel Energy Division extended an invitation to CUST students and faculty to participate in upcoming technical seminars and lab visits. Itel Energy will arrange a seminar on solar energy after the mid-term exams at CUST, where Itel Energy Division will also demonstrate their different equipment for the students. This meeting aligned with SDG 9 (Industry, Innovation, and Infrastructure), specifically Target 9.2, which promotes inclusive and sustainable industrialization, Target 9.b, which supports domestic technology development and innovation, and Target 9.c, which aims to enhance access to information and communications technology.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 08:

COLLABORATION WITH THE PAKISTAN HVACR SOCIETY

Organized By:
The Department of Mechanical Engineering



Building bridges between education and industry! Capital University of Science and Technology (CUST) is proud to announce a new partnership with the Pakistan HVACR Society, the sole representative body for Heating, Ventilation, Air-conditioning & Refrigeration (HVACR) in Pakistan. We've officially signed a Memorandum of Understanding (MoU) to drive collaboration in training, research, and professional development. This event aligned with SDG 9 (Industry, Innovation, and Infrastructure), specifically Target 9.2, which promotes inclusive and sustainable industrialization, Target 9.5, which encourages innovation and research in technology, Target 9.a, which supports the development of sustainable infrastructure in developing countries, and Target 9.b, which fosters technological development and innovation.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 09:

COLLABORATION WITH NATIONAL ENERGY EFFICIENCY AND CONSERVATION AUTHORITY

Organized By:
The Department of Mechanical Engineering



The Industrial Outreach Committee (IoC) of the Mechanical Engineering Department has made significant strides in fostering collaborations with key stakeholders to promote energy efficiency and sustainable practices. The MoU signing ceremony was graced by the presence of key figures from both institutions, including Dr. Sardar Mohazzam, Managing Director of NEECA, and Prof. Dr. Imtiaz Ahmed Taj, Dean of the Faculty of Engineering at CUST, who served as the primary signatories. The partnership aims to leverage the expertise of both organizations, with a focus on capacity-building initiatives, joint research projects, and the development of programs to promote energy-efficient technologies. This collaboration is expected to empower students and faculty members, contributing significantly to national and global energy conservation efforts. This drive aligned with SDG 9 Target 9.5, 9.a and 9.b.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 10: SMOG AWARENESS

Organized By:
The Department of Mechanical Engineering



The Smog Awareness was a successful community event aimed at raising awareness about the detrimental effects of smog on health and the environment. Participants from various backgrounds, students, came together to demonstrate their commitment to fighting air pollution. The event highlighted the importance of reducing emissions, adopting sustainable practices, and working collectively towards a cleaner and healthier future. Overall, the event fostered a sense of community and underscored the urgent need for action against smog. The Smog Awareness event aligns closely with Sustainable Development Goal (SDG) 9: Industry, Innovation, and Infrastructure, particularly in its focus on promoting sustainable practices and reducing emissions. The event emphasized the adoption of sustainable practices to combat air pollution, which is directly tied to SDG 9 target 9.4 of upgrading infrastructure and industries to make them sustainable and environmentally friendly. By raising awareness about reducing emissions, the event encouraged individuals and communities to support cleaner technologies and practices.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 11: ROBO-CUST 2025

Organized By:
The Department of Electrical Engineering



The Department of Electrical and Computer Engineering, in collaboration with the Directorate of Sustainability and Environment (DSE), organized the ROBO CUST competition to support SDG 9, specifically targeting 9.5 to enhance scientific research and technological capabilities. The event featured multiple robotics-based competitions, including Robo Race (LFR), Maze Solving, Sumo War, RC Race, and Aero Wars, allowing school, college, and university students to test their automation, programming, and problem-solving skills. Participants eagerly designed and programmed their robots, showcasing their technical abilities in a series of exciting challenges. ROBO CUST successfully encouraged students to explore engineering and technology, reinforcing the importance of STEM education and innovation for sustainable industrial development.





ACTIVITY 12:

SDG'S EXPO 2025: INDUSTRY, INNOVATION, & INFRASTRUCTURE

Organized By:
The Department of Mechanical Engineering



The SDG Expo 2025 is a major event focusing on sustainable development goals (SDGs) organized by DSE. It brings together student ambassadors to address urgent environmental and social challenges. The expo features seventeen themed exhibition areas, including sustainable architecture, finance, living, tourism, education, healthcare, solutions, international partnerships, talents, and ecosystems. Participants collaborate to foster social and environmental sustainability, showcasing innovative solutions and fostering deep collaboration between the public sector, businesses, and academia. Students from the Mechanical Engineering department actively participated in the event, presenting projects aligned with SDG 9: Industry, Innovation, and Infrastructure especially target 9.c to increase access to information. Their contributions highlighted advancements in sustainable manufacturing and energy-efficient technologies, emphasizing the role of engineering in building resilient infrastructure and promoting inclusive industrialization.



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



ACTIVITY 13:

CLEAN ROOM GUIDELINES FOR AIR CONDITIONING SYSTEM

Organized By:
The Department of Mechanical Engineering



The lecture on Clean Room Guidelines for Air Conditioning Systems provided essential insights into the design and operation of HVAC systems for controlled environments such as pharmaceutical labs, semiconductor facilities, and biotech production units. Topics included ISO-based clean room classifications, HEPA/ULPA filtration, pressure differentials, temperature and humidity control, and energy-efficient airflow design. The session emphasized the importance of maintaining air purity, minimizing contamination, and aligning with global standards to ensure product quality and process safety. This lecture directly supports (SDG 9): Industry, Innovation, and Infrastructure, by promoting sustainable and resilient industrial systems. It specifically targets Sub-SDG 9.1 (develop sustainable infrastructure), 9.4 (upgrade systems with clean and efficient technologies), and 9.5 (enhance industry-related research and innovation), empowering professionals to adopt advanced, sustainable HVAC practices in high-precision industries.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 14: REVIT WORKSHOP

Organized By:
The Department of Mechanical Engineering



The Revit software workshop provided hands-on training in Building Information Modeling (BIM), enabling participants to design efficient, sustainable infrastructure using Autodesk Revit. The workshop promoted digital innovation in the construction sector, equipping students and professionals with essential skills for modern, technology-driven design and planning. This initiative directly supports (SDG 9): Industry, Innovation, and Infrastructure, specifically targeting sub-goals 9.1 (develop sustainable and resilient infrastructure), 9.4 (upgrade infrastructure for sustainability through clean and efficient technologies), and 9.5 (enhance technological capabilities and innovation). By integrating digital tools like Revit, the workshop contributes to building resilient infrastructure and fostering innovation in the built environment. Fostering digital literacy and promoting innovative approaches to infrastructure development, the workshop plays a vital role in preparing the next generation of professionals to lead in building smarter, more sustainable cities and communities.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 15: HPLC WORKSHOP

Organized By:
The Department of Bioinformatics
and Biosciences



The Department of Sustainability and Environment (DSE), in collaboration with Genix, Department of Bioinformatics and Biosciences, Council of Scientific and Industrial Research, Ministry of Science and Technology, Head Office, Islamabad, successfully hosted a one-day training workshop on High Performance Liquid Chromatography (HPLC) on April 15, 2024. The workshop enhanced participants' technical knowledge and practical skills in chromatographic techniques, focusing on qualitative and quantitative analysis in research and industry. Through hands-on training and expert lectures, participants gained expertise in HPLC principles, equipment operation, troubleshooting, and data interpretation. By supporting SDG 9.5 (Enhance scientific research and upgrade technological capabilities), this capacity-building initiative empowered participants to confidently apply HPLC in laboratory settings, driving scientific research and innovation forward.



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



ACTIVITY 16:

30TH PAKISTAN HVACR INTERNATIONAL EXPO & CONFERENCE 2025

Organized By:
The Department of Mechanical Engineering



Students from the Department of Mechanical Engineering Technology at Capital University of Science and Technology (CUST), under the supervision of Lecturer Engr. Muhammad Ahmed, actively participated in the 30th Pakistan Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR) International Expo & Conference, held from June 19 to 21, 2025, at Expo Centre Lahore.

The three-day international event brought together over 250 exhibitors and thousands of professionals, featuring participation from more than 33 international companies, including first-time exhibitors from Germany, as well as key industry leaders from China, Turkey, Ukraine, and Iran. The Expo served as a vital platform for showcasing cutting-edge HVACR technologies, energy-efficient solutions, and modern MEP systems, reinforcing Pakistan's emerging role in the global HVACR industry.



SDG 10

REDUCED INEQUALITIES



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	International Day Against Bullying and Violence in School
2	Role of Entrepreneurship in Economic Development and Inequalities in Pakistan
3	Awareness Walk: World Migrants Day
4	Women Entrepreneurs Driving Virtual Reality Business
5	Colors of Change: A Creative take on SDG 10
6	Self Defense Workshop: Empowering Individuals for a Safer Society
7	Voices of Unseen: Recognizing the Contribution of CUST Guards and Staff
8	Equality in Action: Promoting Reduced Inequalities for a Sustainable Future
9	Showcasing Pakistan's Model for Reducing Provincial Inequalities
10	Walking in their Shoes: Experiencing Equality Beyond Sight
11	Visit to a School: Blindfold Activity
12	Ramadan & Eid: A Lesson in Equality"
13	Hiking for Equality: Reducing Inequalities through Outdoor Inclusion
14	Confidence Through Care: Personal Grooming as a Step Toward Equality
15	Rashan Drive
16	Seminar on "Workplace Equity Starts with You: Behavior, Inclusion and SDG 10"
17	International Day for Elimination of Racial Discrimination



10 REDUCED INEQUALITIES



ACTIVITY 01:

INTERNATIONAL DAY AGAINST BULLYING & VIOLENCE AT SCHOOLS

Organized By:

The Department of Management Sciences in collaboration with the DSE.



The Department of Management Sciences organized an impactful Awareness Walk titled "International Day Against Bullying & Violence at Schools" to unite against injustice! Aligned with Sustainable Development Goal 10: Reduced Inequalities, this event aimed to raise awareness about the harmful effects of bullying and violence on young minds. The walk symbolized our commitment to combating inequality and highlighted the power of empathy, respect, and inclusivity in building a brighter future.

By actively addressing SDG 10: Reduced Inequalities, students, faculty, and staff joined together to foster a safer, more inclusive campus, reflecting the university's dedication to reducing inequality and promoting respect for all. This awareness walk aligned with target 10.3





ACTIVITY 02:

ROLE OF ENTREPRENEURSHIP IN ECONOMIC DEVELOPMENT AND INEQUALITIES IN PAKISTAN

Organized By:
The Department of Management Sciences in collaboration with the DSE.



The Department of Management Sciences hosted a thought-provoking seminar titled "Role of Entrepreneurship in Economic Development and Inequalities in Pakistan". The event focused on the pressing issue of growing inequalities in Pakistan and explored the potential of entrepreneurship as a transformative force for economic development and social equity. The seminar featured Dr. Ayaz-ul-Haq, Founder and CEO of Creative Business & Social Research (CBSR), as the guest speaker. The discussion highlighted alarming statistics from the 2024 Global Gender Gap Index, where Pakistan ranked 145th out of 146 countries. Dr. Ayaz elaborated on the challenges faced by women, who constitute 50% of the country's population but have limited participation in the formal labor force. The seminar aligned with Sustainable Development Goal (SDG) 10, particularly Targets 10.1 and 10.2, which aim to reduce inequality within and among countries and promote social, economic, and political inclusion for all. Through this platform, participants were encouraged to view entrepreneurship as a means to break barriers and bridge gaps in economic participation.



10 REDUCED
INEQUALITIES



ACTIVITY 03: AWARENESS WALK: WORLD MIGRANTS DAY

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The awareness walk strongly resonated with Targets 10.7 and 10.2 of SDG 10, which emphasize facilitating safe and responsible migration and promoting social, economic, and political inclusion for all. This walk underscored the importance of creating inclusive systems that ensure migrants are treated with dignity, regardless of their nationality, ethnicity, or socioeconomic status. The awareness walk provided students with a deeper understanding of the inequalities faced by migrants and the importance of inclusive practices to mitigate these disparities. Participants were inspired to view migration through the lens of equity and were encouraged to advocate for policies that uphold the dignity and rights of migrants.



10 REDUCED INEQUALITIES



ACTIVITY 04:

WALKING IN THEIR SHOES: EXPERIENCING EQUALITY BEYOND SIGHT

Organized By:

The Department of Management Sciences in collaboration with the DSE.



The activity was held at SDG Garden and was part of an initiative to raise awareness about the challenges faced by people with disabilities in society, aligning with the principles of SDG 10, which focuses on reducing inequalities and promoting social, economic, and political inclusion for all. The blindfold activity required students to wear blindfolds and navigate through a set of tasks that simulated some of the daily challenges faced by visually impaired individuals. This immersive experience allowed students to step into the shoes of those who face physical or sensory impairments, providing a firsthand understanding of the barriers they encounter in their everyday lives. The activity aimed to heighten the participants' sense of empathy and to raise awareness about the need for better societal support and inclusion for specially abled people. This activity directly aligns with Sustainable Development Goal (SDG) 10, particularly Target 10.2, which emphasizes promoting social, economic, and political inclusion for all, regardless of disability. By engaging students in a real-world simulation of disability, the activity promoted a better understanding of the need to reduce inequalities faced by specially-abled individuals.



10 REDUCED INEQUALITIES



ACTIVITY 05:

SHOWCASING PAKISTAN'S MODEL FOR REDUCING PROVINCIAL INEQUALITIES

Organized By:

The Department of Management Sciences in collaboration with the DSE.



The model illustrated the stark contrast between Punjab, which boasts significantly more developed infrastructure and economic opportunities, and other provinces such as Sindh, KPK, and Baluchistan. Despite these provinces being endowed with abundant natural resources, including coal, oil, gas, and minerals, their potential remains grossly underutilized. The underdevelopment of these regions has contributed to economic disparities and social inequalities, forcing many residents to migrate to urban areas in Punjab in search of better opportunities. This migration has not only led to overcrowding in urban centers but also left resource-rich provinces unable to fully capitalize on their economic potential. This session was directly aligned with SDG 10, particularly Targets 10.1 and 10.2. Target 10.1 calls for progressively achieving and sustaining income growth for the bottom 40% of the population, while Target 10.2 emphasizes the promotion of social, economic, and political inclusion for all. The discussion and the model representation highlighted how provincial inequalities hinder the achievement of these goals in Pakistan.





ACTIVITY 06: COLORS OF CHANGE: A CREATIVE TAKE ON SDG 10

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The event aimed to raise awareness about social disparities and promote the values of inclusion, equity, and fairness as envisioned in Sustainable Development Goal 10. The students used their creativity to depict the challenges and solutions related to inequalities in society. The posters portrayed powerful visual narratives about economic, gender, social, and educational disparities, offering unique perspectives on how these issues can be addressed. The students' artwork vividly illustrated key aspects of inequality, such as unequal access to education, the gender wage gap, and social exclusion.



10 REDUCED INEQUALITIES



ACTIVITY 07: VOICES OF UNSEEN

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



As part of our efforts to highlight the significance of Sustainable Development Goal (SDG) 10—Reduced Inequalities— Tehreem Ashraf conducted interviews with the university guard and supporting staff. These conversations revealed valuable insights into their contributions to the campus environment and their perspectives on fostering mutual respect and inclusivity. The university guard shared his experiences in maintaining safety and order on campus. He acknowledged that while a few students occasionally misbehave, he strives to handle such situations with kindness and understanding. On the other hand, he commended the majority of students who display good behavior and appreciation for his efforts. The supporting staff member expressed satisfaction with the students' behavior, noting that they are generally respectful and appreciative. He particularly appreciated the instances where students extend their help and acknowledge the staff's contributions to the smooth functioning of the university. By taking active steps to educate students on these values, universities can play a pivotal role in achieving SDG 10, ensuring a more equitable and harmonious society.



10 REDUCED
INEQUALITIES



ACTIVITY 08:

EMPOWERING COMMUNITIES: THE ROLE OF ENTREPRENEURS IN REDUCING ECONOMIC DISPARITIES

Organized By:

The Department of Management
Sciences in collaboration with the DSE.



The event focused on the pressing issue of growing inequalities in Pakistan and explored the potential of entrepreneurship as a transformative force for economic development and social equity. The seminar featured Dr. Ayaz-ul-Haq, Founder and CEO of Creative Business & Social Research (CBSR), as the guest speaker. The discussion highlighted alarming statistics from the 2024 Global Gender Gap Index, where Pakistan ranked 145th out of 146 countries. Dr. Ayaz elaborated on the challenges faced by women, who constitute 50% of the country's population but have limited participation in the formal labor force. Their share in the national income stands at less than 20%, and they face significant hurdles such as low wages, workplace harassment, and unfavorable working environments. The seminar aligned with Sustainable Development Goal (SDG) 10, particularly Targets 10.1 and 10.2, which aim to reduce inequality within and among countries and promote social, economic, and political inclusion for all. Through this platform, participants were encouraged to view entrepreneurship as a means to break barriers and bridge gaps in economic participation.





ACTIVITY 09:

SELF-DEFENSE WORKSHOP: EMPOWERING INDIVIDUALS FOR A SAFER SOCIETY

Organized By:

The Department of Management Sciences in collaboration with the DSE.



The workshop directly linked to Sustainable Development Goal (SDG) 10, focusing on reducing inequalities by empowering individuals—particularly women and marginalized groups—with tools to enhance their physical and psychological security in society. The workshop featured M. Adnan Aslam a certified self-defense trainer and a black belt 4th DAN, Asian Medalist, World Qualified Karate Judge & Referee as the guest instructor. It attracted a diverse audience, including students and faculty. Participants were trained in basic self-defense techniques, including:

- Situational Awareness: Recognizing and avoiding potentially dangerous situations.
- Escape Tactics: Strategies to break free from physical restraints.
- Physical Defense Skills: Techniques to neutralize threats and protect oneself during an attack.
- Psychological Resilience: Building confidence and assertiveness to deter attackers.

The workshop directly addressed Target 10.2 of SDG 10, which aims to empower and promote the social, economic, and political inclusion of all, irrespective of age, gender, disability, or economic status.





ACTIVITY 10: SDG'S EXPO: REDUCED INEQUALITIES

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The event highlighted the disparities that exist not only on a global scale but also within Pakistan, where inequalities persist across provinces, affecting millions of lives. The expo attracted a diverse audience of students, faculty members, and professionals, all eager to learn about SDGs and its relevance to their lives and society. The SDG 10 Expo was an enlightening experience that shed light on the critical need to address inequalities within Pakistan and globally. As an ambassador of SDG 10, Ms. Tehreem Ashraf had the opportunity to raise awareness about the disparities between Pakistan's provinces and the potential solutions that could bridge these gaps. Through the use of posters, models, and interactive engagement, participants were inspired to think about their own experiences with inequality and consider actionable solutions. This event reinforced the idea that reducing inequality is not just a moral imperative but an essential step toward building a more just and prosperous society for all.



10 REDUCED INEQUALITIES



ACTIVITY 11: A VISIT TO SCHOOL: BLINDFOLD ACTIVITY

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The Directorate of Sustainability and Environment (DSE) visited the Scientific School, which was an eye-opening and emotionally engaging event that aimed to instill empathy and respect for differently-abled individuals, particularly those with visual impairments. Through a blindfold activity and guided discussions, students experienced first-hand the challenges faced by visually impaired individuals in everyday life. The main objective was to create awareness about the struggles of specially-abled people, foster emotional understanding, and encourage inclusive behavior. This initiative strongly aligned with Sustainable Development Goal 10: Reduced Inequalities, by promoting the idea that empathy is a fundamental step toward social inclusion. The outcome was both profound and practical—students developed a greater appreciation for diversity, expressed a sense of responsibility toward making their communities more inclusive, and committed to treating all individuals with respect and fairness. The session succeeded in not only educating but also empowering students to become change-makers in their own environments. The event aligns with SDG 10 Sub-goal 10.2.





ACTIVITY 12: RAMADAN & EID: A LESSON IN EQUALITY

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The Directorate of Sustainability and Environment (DSE) in collaboration with The Department of Management Sciences (DMS) hosted a thought-provoking documentary screening titled "Ramadan & Eid: A Lesson in Equality" as part of its ongoing commitment to promote awareness on social equity and inclusion. The event aimed to explore the deeper socio economic lessons embedded in the practices of Ramadan and Eid, emphasizing their alignment with Sustainable Development Goal 10: Reduced Inequalities. The film also introduced the concept of "The Other Iftar", shedding light on the disparities between lavish iftar traditions and the struggles of underprivileged communities, urging viewers to reflect on excess, food wastage, and their role in building a more just society. The event concluded with an interactive discussion where students shared their insights and takeaways, reinforcing the message that equality is not just a concept, but a practice rooted in everyday actions and choices. It is linked with sub goal 10.3.



10 REDUCED
INEQUALITIES



ACTIVITY 13:

HIKING FOR EQUALITY: REDUCING INEQUALITIES THROUGH OUTDOOR INCLUSION

Organized By:

The Department of Management
Sciences in collaboration with the DSE.



The Directorate of Sustainability and Environment (DSE) arranged hiking, it was a student-led initiative aimed at promoting Sustainable Development Goal 10 (Reduced Inequalities) by organizing an inclusive hiking event for university students from diverse and underrepresented backgrounds. Held at Trail 5 on 12th April, 2025, the event brought together students from different departments, socioeconomic classes, ethnicities, and abilities, offering them a chance to connect with nature and each other in an environment that fostered inclusion and equity. The event featured structured reflection points along the trail, where participants engaged in guided discussions on inequality, social mobility, mental health, and barriers to accessing nature in urban environments.

By combining outdoor recreation with social learning, the event not only provided a wellness break from academic life but also empowered students to become advocates for inclusion in both campus and community life. This event is linked with SDG 10 sub-goal 10.2.



10 REDUCED
INEQUALITIES



ACTIVITY 14:

CONFIDENCE THROUGH CARE: PERSONAL GROOMING AS A STEP TOWARD EQUALITY

Organized By:

The Department of Management Sciences in collaboration with the DSE.



The Directorate of Sustainability and Environment (DSE) visited the Scientific School as an educational outreach event aimed at teaching students the importance of personal grooming and its role in boosting self-confidence and promoting social inclusion. Conducted through interactive chart paper display, the session emphasized grooming not just as a means of selfpresentation but as an empowering tool that contributes to equal opportunities for all. The primary objective of the event was to educate students on essential grooming practices, enhance their self-esteem, and highlight the connection between self-care and reducing social inequalities, particularly in alignment with Sustainable Development Goal 10: Reduced Inequalities. As a result, the event significantly boosted the confidence of participants, equipped them with practical skills, and fostered a deeper understanding of how small, personal actions can contribute to greater social equity. It successfully inspired students to take ownership of their personal development while reinforcing the broader message of inclusivity and equal opportunity. It is linked with SDG sub goal 10.2.



10 REDUCED INEQUALITIES



ACTIVITY 15: RAMADAN & EID: RASHAN DRIVE

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The Department of Management Sciences (DMS) organized a heartfelt Rashan Distribution Drive during the holy month of Ramadan, aimed at supporting underprivileged family through the spirit of giving and the Islamic obligation of Zakat. The event, held on March 27th to reduce inequalities and foster community well-being.

The event served not only as a charitable act but also as a learning experience for students, reinforcing the importance of empathy, responsible citizenship, and proactive efforts to uplift marginalized communities—perfectly aligning with the objectives of Sustainable Development Goal 10: Reduced Inequalities. It is linked with SDG 10 sub goal 10.2.





ACTIVITY 16:

WORKPLACE EQUITY STARTS WITH YOU: BEHAVIOR, INCLUSION AND SDG 10

Organized By:
The Department of Management
Sciences in collaboration with the DSE.



The Directorate of Sustainability and Environment (DSE) in collaboration with The Department of Management Sciences (DMS) hosted a seminar titled “Workplace Equity Starts with You: Behavior, Inclusion and SDG 10”. The guest speaker was Mr. Owais Arif – a professional corporate trainer and motivational speaker, known for mentoring young professionals on personal branding and workplace ethics.

Through interactive discussion and real-world examples presented by the speaker, participants gained a deeper understanding of how professionalism can serve as a powerful tool for fostering equity, reducing workplace discrimination, and promoting a culture of mutual respect. As an outcome, attendees left with actionable strategies to enhance their own workplace behavior and a renewed sense of responsibility to champion inclusivity and fairness in their future professional roles. It is linked with SDG 10 sub- target 10.3.



10 REDUCED
INEQUALITIES



ACTIVITY 17:

INTERNATIONAL DAY FOR ELIMINATION OF RACIAL DISCRIMINATION

Organized By:

**The Department of Management
Sciences in collaboration with the DSE.**

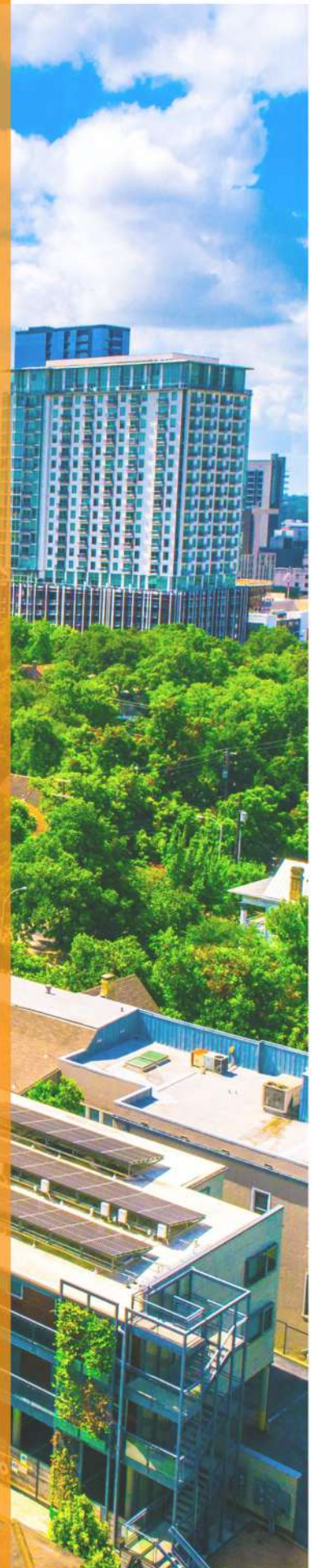


The Directorate of Sustainability and Environment (DSE) in collaboration with The Department of Management Sciences (DMS) organized an impactful awareness walk on the International Day for the Elimination of Racial Discrimination as part of its ongoing efforts to promote equity, diversity, and social inclusion. Held on March 24th, 2025, the event brought together students, faculty, and staff in a unified call to action against all forms of racial and ethnic discrimination. The initiative aligned closely with Sustainable Development Goal 10: Reduced Inequalities, encouraging the university community to challenge discriminatory practices and embrace the values of unity and mutual respect. Through this event, participants were reminded that ending racism requires both collective advocacy and individual accountability in building a just and equitable society. It called upon participants to not only reflect on their roles in dismantling discriminatory practices but also to champion diversity as a strength that drives collective progress. It is linked with SDG 10 sub target 10.3.



SDG 11

SUSTAINABLE CITIES
& COMMUNITIES



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Awareness Desk on Green Infrastructure
2	Awareness Walk on Green Infrastructure
3	AI Revolutionizing Civil Engineering
4	Safety in Construction: Role of Innovation
5	Bridge Building Competition
6	Site Visitation at Main Adyala Road
7	Infrastructure Design using Building Information Modeling (BIM)
8	Traffic Engineering - Past, Present and Future
9	Sustainable Transportation Awareness Campaign
10	Levelling and Centering Competition
11	Training on IDEA StatiCA Software
12	Industrial Visit TO FWO Khasala, Rawalpindi
13	Training on Soil Report Generation Software



ACTIVITY 01:

AWARENESS DESK ON GREEN INFRASTRUCTURE

Organized By:
The Department of Civil Engineering



ACE organized an Awareness Desk focused on green infrastructure, highlighting its essential role in developing sustainable urban environments. The event also linked to SDG 9, which emphasizes building resilient infrastructure and fostering innovation. By educating students about integrating green infrastructure such as green roofs, urban forests, and permeable pavements, ACE highlighted the importance of nature-based solutions in enhancing urban resilience and addressing climate change. This initiative aligns with SDG 9.1, which focuses on developing quality, reliable, sustainable, and resilient infrastructure. This initiative encouraged students to consider their roles in creating sustainable infrastructure that benefits both communities and the environment.





ACTIVITY 02: AWARENESS WALK ON GREEN INFRASTRUCTURE

Organized By:
The Department of Civil Engineering



ASCE, in collaboration with DSE, organized an Awareness Walk to promote green infrastructure and nature-based solutions. This initiative aligned with SDG 11, aiming to create inclusive, safe, resilient, and sustainable cities, particularly through Target 11.3, which promotes participatory and sustainable urbanization. The event also emphasized on resilient infrastructure and innovation. By educating students about green infrastructure like green roofs, urban forests, and permeable pavements, ASCE highlighted the importance of nature-based solutions for enhancing urban resilience and addressing climate change. Overall, this initiative engaged students with the critical components of SDG 11, encouraging them to consider their roles in creating sustainable infrastructure that benefits both communities and the environment.



ACTIVITY 03:

AI REVOLUTIONIZING CIVIL ENGINEERING

Organized By:
The Department of Civil Engineering



ASCE organized a seminar on the topic “AI Revolutionizing Civil Engineering”. This initiative aligned with SDG 11, aiming to create inclusive, safe, resilient, and sustainable cities, particularly through Target 11.3, which promotes participatory and sustainable urbanization. By educating engineers and students about AI-powered solutions for water management, such as predictive maintenance, optimized distribution systems, and water quality monitoring, the seminar highlighted the importance of technology in ensuring sustainable water resources. Additionally, the seminar contributed to SDG 11.2, which focuses on providing access to safe, affordable, accessible, and sustainable transport systems. By discussing AI-powered traffic management and urban planning solutions, the event emphasized the role of technology in creating sustainable and resilient cities. Overall, this initiative engaged participants with the critical components of SDG 11, encouraging them to consider their roles in creating a sustainable future.



ACTIVITY 04:

SAFETY IN CONSTRUCTION: THE ROLE OF INNOVATION

Organized By:
The Department of Civil Engineering



ASCE in collaboration with OSH Student Club organized a seminar on the topic “Safety in Construction: The Role of Innovation.” This initiative directly aligned with SDG 11, specifically Target 11.3, which aims to enhance inclusive and sustainable urbanization and promote participatory and integrated urban and regional planning and management. By focusing on innovative safety solutions, the seminar encourages the development of more sustainable and efficient construction methods. This includes technologies that minimize waste, reduce environmental impact, and improve worker safety, thereby contributing to the creation of safer and more inclusive urban environments. Overall, this initiative engaged participants with the critical components of SDG 11, encouraging them to consider their roles in creating a safer, more sustainable, and inclusive construction industry.



ACTIVITY 05: BRIDGE BUILDING COMPETITION

Organized By:
The Department of Civil Engineering



ACE organized a bridge-building competition, an initiative that directly aligns with Sustainable Development Goal (SDG) 11: Sustainable Cities and Communities. This competition challenged students to design and construct innovative and sustainable bridges, fostering practical solutions to address infrastructure challenges and contribute to achieving this critical SDG. The initiative specifically connects to Target 11.2 of SDG 11, which aims to provide access to safe, affordable, accessible, and sustainable transport systems for all, improving road safety and expanding public transport by 2030. By encouraging students to design bridges that are not only structurally sound but also environmentally sustainable, the competition promotes the development of infrastructure that supports resilient and inclusive communities. Through this initiative, ACE has inspired students to address real-world infrastructure challenges while empowering them to contribute to building sustainable cities and communities for future generations.





ACTIVITY 06: SITE VISITATION AT MAIN ADVALA ROAD

Organized By:
The Department of Civil Engineering



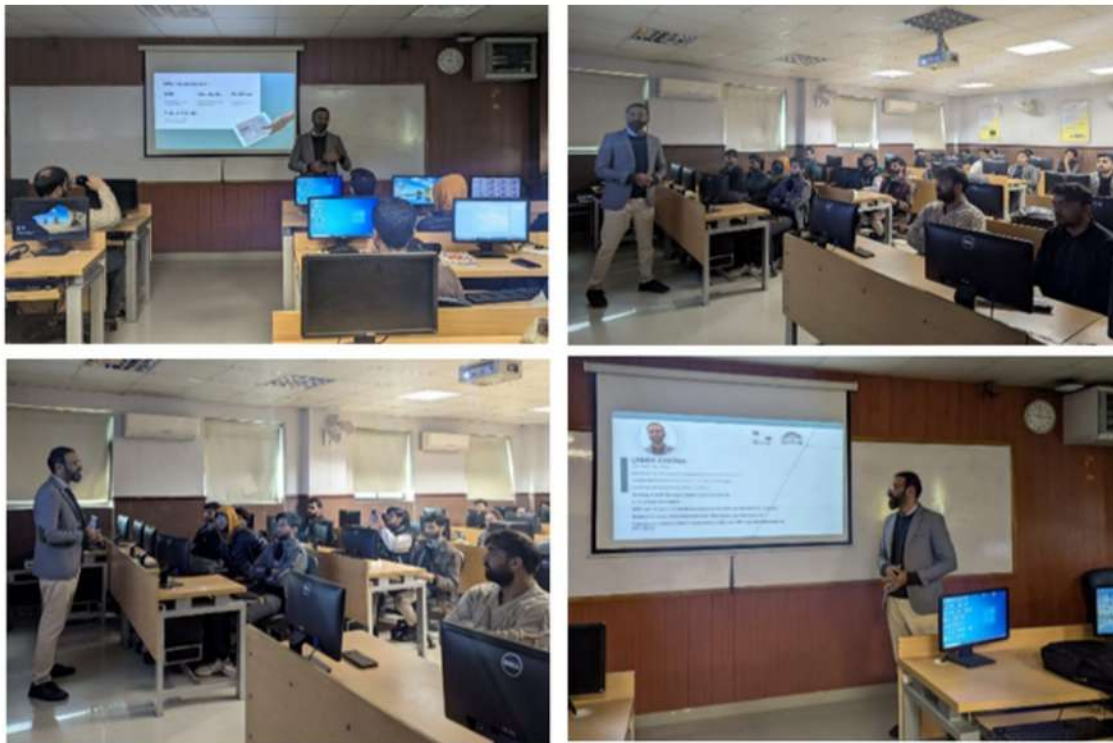
ACE organized a construction site visit for Batch 233 and 243, an initiative that directly aligns with Sustainable Development Goal (SDG) 11: Sustainable Cities and Communities. This site visit provided students with hands-on exposure to real-world construction practices, fostering practical solutions to address infrastructure challenges and contribute to achieving these critical SDGs. The initiative specifically connects to 11.6 of SDG 11, which aims to reduce the adverse per capita environmental impact of cities, including by paying special attention to air and water quality, municipal and other waste management, and human settlements. By encouraging students to observe and learn about modern construction techniques, safety protocols, and sustainable practices, the visit promotes the development of infrastructure that is both innovative and environmentally responsible, contributing to the creation of sustainable and resilient cities.





ACTIVITY 07: INFRASTRUCTURE DESIGN USING BUILDING INFORMATION MODELING (BIM)

Organized By:
The Department of Civil Engineering



ASCE organized a training session on “Infrastructure Design using Building Information Modeling (BIM)”, an initiative that aligns with SDG 11: Sustainable Cities and Communities. This training equipped participants with advanced BIM skills, enabling them to design innovative, efficient, and sustainable infrastructure systems. By integrating digital tools and sustainable practices, the initiative fosters solutions to global infrastructure challenges. The training connects to Target 11.3 of SDG 11, which emphasizes inclusive and sustainable urbanization. By encouraging BIM for resource optimization, waste reduction, and enhanced collaboration, the training promotes infrastructure that is environmentally sustainable, economically viable, and supportive of resilient urban development.





ACTIVITY 08: TRAFFIC ENGINEERING - PAST, PRESENT AND FUTURE

Organized By:
The Department of Civil Engineering



ASCE recently organized a training session titled "Traffic Engineering - Past, Present, and Future", an initiative that aligns closely with Sustainable Development Goal (SDG) 11: Sustainable Cities and Communities. The training aimed to explore the evolution of traffic engineering, its current challenges, and future innovations, emphasizing the critical role of sustainable and efficient transportation systems in building resilient, inclusive, and environmentally friendly urban environments. The training directly connects to Target 11.2 of SDG 11, which focuses on providing access to safe, affordable, accessible, and sustainable transport systems for all by 2030. By delving into the historical context of traffic engineering, participants gained insights into how transportation systems have evolved, and the lessons learned from past practices. The discussion on present-day challenges highlighted the need for innovative solutions to address issues such as traffic congestion, air pollution, and inadequate infrastructure, which are critical to achieving sustainable urban development.





ACTIVITY 09: SUSTAINABLE TRANSPORTATION AWARENESS CAMPAIGN

Organized By:
The Department of Civil Engineering



ASCE organized a Sustainable Transportation Awareness Campaign at Capital University of Science and Technology (CUST), an initiative that directly aligns with Sustainable Development Goal (SDG) 11: Sustainable Cities and Communities. This campaign aimed to raise awareness about the importance of sustainable transportation systems and their role in building resilient, inclusive, and environmentally friendly urban environments. The initiative specifically connects to Target 11.2 of SDG 11, which focuses on providing access to safe, affordable, accessible, and sustainable transport systems for all by 2030. By promoting sustainable transportation practices such as the use of public transit, cycling, walking, and electric vehicles, the campaign encouraged the university community to adopt eco-friendly mobility solutions that reduce carbon emissions and improve urban air quality.



ACTIVITY 10: LEVELLING AND CENTERING COMPETITION

Organized By:
The Department of Civil Engineering



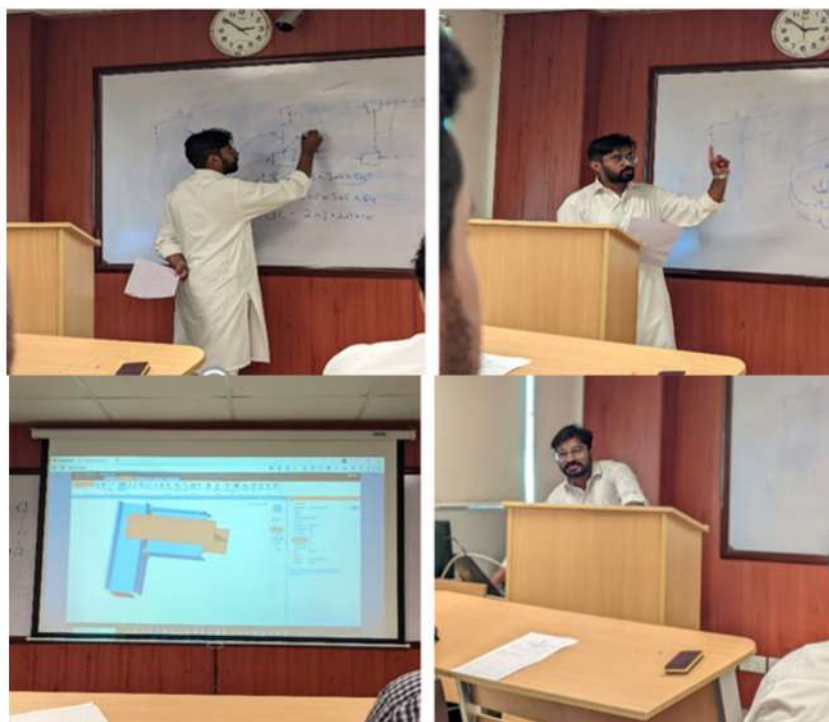
ACE organized a levelling & centering competition, to enhance students' practical surveying skills and precision in geospatial measurements. Participants competed in accurately setting up of total station which is an essential tool in modern construction and urban planning. This event provides a platform for hands-on learning, promoting technical competence, teamwork and a deeper understanding of fieldwork processes crucial for infrastructure development. The competition aligns with SDG 11, particularly 11.3, which focuses on enhancing inclusive and sustainable urbanization and capacity for participatory, integrated, and sustainable human settlement planning and management. Accurate land surveying is essential for effective infrastructure planning, land use and development, ensuring that cities grow in a sustainable and organized manner.





ACTIVITY 11: TRAINING ON IDEA STATICA SOFTWARE

Organized By:
The Department of Civil Engineering



ASCE organized a specialized training session for students by an industry professional on the use of IDEA statiCA, an advanced software tool for structural design and analysis. The training focused on equipping students with experience in modeling, load analysis, and code-checking of steel connections and concrete details, aligning academic knowledge with current industry practices. The presence of an expert from the field provided valuable insights into real world applications, design, optimization, and compliance with Eurocode standards, significantly enhancing the participants technical competencies and career readiness. This initiative is directly linked to Sustainable Development Goal 11, particularly, supporting the sub clause of SDG 11 i.e., 11.3 which emphasizes inclusive and sustainable urbanization, including participatory planning and management. The session concluded with interactive Q&A, encouraging students to explore careers in structural engineering.





ACTIVITY 12:

INDUSTRIAL VISIT TO FWO KHASALA, RAWALPINDI

Organized By:
The Department of Civil Engineering



Recognizing the crucial link between theoretical knowledge and practical application in civil engineering, ACE arranged a specialized site visit for their Batch 223 (3rd year students) to the FWO (Frontier Works Organization) Camp Khasala on May 24, 2025. The visit focused on providing students with firsthand exposure to the processes of prestressing of girders and the laying of flexible pavement, key aspects of modern infrastructure development. Following initial safety instructions and a briefing by Engr. Adeem Hashmi (NESKPAK), students were guided through demonstrations of both techniques. They observed the intricate steps involved in the prestressing of girders, gaining insight into the principles and equipment used to enhance the structural capacity of these essential components. Subsequently, the students witnessed the process of laying flexible pavement, observing the materials, machinery, and quality control measures involved in constructing durable road surfaces. This initiative is directly linked to Sustainable Development Goal 11: Sustainable Cities and Communities, particularly supporting the sub-clause of SDG 11, 11.3, which emphasizes inclusive and sustainable urbanization, including participatory planning and management.





ACTIVITY 13: TRAINING ON SOIL REPORT GENERATION SOFTWARE

Organized By:
The Department of Civil Engineering



ASCE successfully organized a specialized training session for its 2022 batch students on Soil Report Generation using CASTeR, a critical software tool for geotechnical engineering. The session, expertly facilitated by Engr. Muhammad Faran, focused on equipping students with practical experience in the comprehensive generation of soil reports, directly aligning academic knowledge with current industry practices in geotechnical investigations. Participants received hands-on exposure through live demonstrations, learning key aspects such as data input, bearing capacity calculations, and settlement analysis. This initiative is directly linked to Sustainable Development Goal 11: Sustainable Cities and Communities, particularly supporting the sub-clause of SDG 11, 11.B, which emphasizes implementing integrated policies and plans towards resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and holistic disaster risk management.



SDG 12

RESPONSIBLE CONSUMPTION
AND PRODUCTION



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Green Offices Initiative
2	Waste Reduction Competition
3	SDG's Expo: Responsible consumption & Production
4	Junk to Jewel: Sustainability Showcase
5	Cleanliness Drive Activity
6	Donate Blood Today, Save Tomorrow's Resources
7	Responsible Energy Production and Conservation
8	Sustainable Blood Practices for a Healthier Future
9	Bird and Cat Feeders Competition

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



ACTIVITY 01: GREEN OFFICES INITIATIVE

Organized By:
The Department of Pharmacy



On December 27th, 2024; a special activity of green offices was initiated. The Green Offices Initiative has played a key role in advancing Sustainable Development Goal (SDG) 12, which targets responsible consumption and production. By encouraging the placement of indoor plants in office spaces, the initiative not only enhances aesthetic appeal but also improves air quality and boosts employee well-being. The incorporation of potted plants contributes to resource efficiency by promoting use of locally sourced and sustainable plant species, thus reducing carbon footprint associated with office furnishings. By raising awareness and taking action, society can work towards safeguarding nature for future generations. The placement of potted plants in faculty offices was started at 11:30am and concluded at 12:00pm.

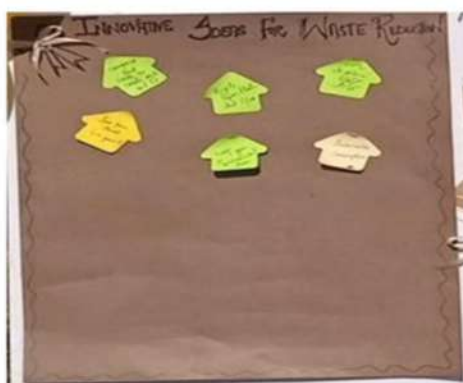


12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



ACTIVITY 02: WASTE REDUCTION COMPETITION

Organized By:
The Department of Pharmacy



On 10th January, 2025; waste reduction competition was conducted in which students gave their innovative ideas either in form of crafts or in form of phrases highlighting the importance of the waste reduction for sustainability of environment. Waste Reduction Competition, aligned with SDG 12, encouraged students to propose innovative ideas or craft phrases to promote waste reduction. The initiative focused on raising awareness about reducing waste through prevention, recycling, and reuse, in line with Target 12.5. Selected contributions will be used in future campaigns to inspire sustainable practices and engage students in achieving global sustainability goals. The event started at 10:00am and concluded at 12:00pm.



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



ACTIVITY 03:

SDG'S EXPO 2025: RESPONSIBLE CONSUMPTION AND PRODUCTION

Organized By:
The Directorate of Sustainability
and Environment



The SDG Expo was held on January 9th, 2025 that targeted different SDG goals including SDG 12 (Responsible Consumption and Production) and aimed to highlight the importance of adopting the 3Rs i.e; Reduce, Reuse and Recycle. A desk was arranged, showcasing glimpses of the programs and initiatives undertaken in the previous year, including posters and different handmade crafts such as bird and cat feeders that highlighted our efforts in promoting waste reduction. The desk attracted significant attention from students and faculty, fostering discussions about past achievements and strategies for future improvement. At the end of Expo, all the student ambassadors were awarded certificates through the teachers which motivated the students to further promote SDG goals.



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



ACTIVITY 04: JUNK TO JEWELS: SUSTAINABILITY SHOWCASE

Organized By:
The Department of Psychology



The Department of Psychology organized a "Junk to Jewels: Sustainability showcase" event under the umbrella of Directorate of Sustainability and Environment (DSE). The event aimed to promote recycling, upcycling, and responsible consumption in compliance with the target 12.5. Students displayed innovative products made from recycled materials on tables decorated with reused items, emphasizing sustainable practices. Faculty and students across the university visited the desks, engaging with participants to learn about their creations. The event successfully raised awareness about waste reduction and inspired attendees to adopt sustainable habits, demonstrating the value of individual efforts in achieving global sustainability.

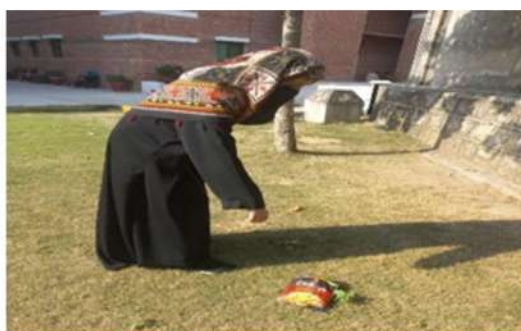


**12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION**



ACTIVITY 05: CLEANLINESS DRIVE ACTIVITY

**Organized By:
The Department of Pharmacy**



Keep your environment clean



Clean lab instruments properly

The Social Welfare Club of Pharma Spark Society at Capital University of Science and Technology organized Cleanliness Drive on 20th March 2025, aligning with SDG Goal 12: Responsible Consumption and Production. Students from the Pharmacy Department took part in cleaning classrooms, laboratories, and open areas across the campus. Their collaborative efforts contributed to reducing waste and promoting sustainable practices within the university. The drive emphasized the importance of responsible resource management, fostering a cleaner and healthier environment. Faculty members highly appreciated the initiative, recognizing the students' commitment to sustainability. Beyond the immediate impact of cleaning, the event encouraged teamwork, civic responsibility, and instilled pride in maintaining a responsible and sustainable campus.



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



ACTIVITY 06:

DONATE BLOOD TODAY, SAVE TOMORROWS RESOURCES

Organized By:
The Department of Pharmacy



The Social Welfare Club of Pharma Spark Society, in collaboration with Directorate of Sustainability and Environment (DSE) and Jamila Sultana Foundation, organized a Blood Donation Camp on Thursday, 17th April 2025, at the C-Block Corridor, in alignment with SDG Goal 12: Responsible Consumption and Production. With over 150 donors, the event was a significant success, demonstrating the university's commitment to sustainable practices and community welfare. The event also contributed to awareness under SDG Target 12.8 by educating students and the community on sustainability as a shared responsibility. The involvement of trained medical staff ensured safe procedures, reinforcing the importance of quality and efficiency in resource use. By integrating sustainability principles into health focused community action, the university demonstrated its commitment to reducing resource waste and promoting responsible behavior. This initiative serves as a model for how health and sustainability goals can intersect meaningfully.



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



ACTIVITY 07: RESPONSIBLE ENERGY PRODUCTION AND CONSERVATION

Organized By:
The Department of Pharmacy



In alignment with SDG Goal 12, the FM recording activity on responsible energy production and conservation provided students with a hands-on platform to explore sustainability through media and communication. The session not only offered practical experience in audio recording and broadcasting but also encouraged critical thinking and collaboration among participants. Emphasizing the need to reduce energy waste, enhance efficiency, and shift towards renewable sources, the activity aimed to instill a deeper understanding of sustainable energy practices. It highlighted the importance of mindful energy consumption as a key step toward environmental protection and long-term resource preservation. Through this initiative, students were empowered to engage with real-world challenges and explore innovative solutions for a more responsible and sustainable future.



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



ACTIVITY 08: SUSTAINABLE BLOOD PRACTICES FOR A HEALTHIER FUTURE

Organized By:
The Department of Pharmacy



In alignment with SDG 12 (Responsible Consumption and Production), Pharma Spark Society, in collaboration with DSE, organized a blood grouping activity that promoted sustainable health practices among university students. The initiative supported Target 12.2 by emphasizing the efficient use of medical and logistical resources through well-organized procedures and minimal waste. By raising awareness about the importance of knowing one's blood type, event contributed to Target 12.8, fostering informed and responsible healthcare decisions. Student volunteers played a key role in managing registrations and guiding participants, reflecting principles of community engagement and efficient resource utilization. The activity not only enhanced individual health awareness but also encouraged collective responsibility, showcasing how sustainable practices can be integrated into everyday health initiatives on campus.



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



ACTIVITY 09: BIRD AND CAT FEEDER COMPETITION

Organized By:
The Department of Pharmacy



The Social Welfare Club of Pharma Spark Society, in collaboration with Directorate of Sustainability and Environment (DSE) organized 'Bird and Cat Feeder Competition'. This competition aimed to assess the creativity of students and make them interact with nature in alignment with SDG Goal 12: Responsible Consumption and Production. The competition promoted sustainable solutions for feeding birds and cats, aligning with SDG 12.2 on efficient resource use. It successfully reconnected students with nature and raised environmental awareness, supporting Target 12.8. By encouraging creativity and practical learning, it fostered responsible behavior toward ecosystems and biodiversity, contributing to Target 12.5 on waste reduction. Overall, the event highlighted the importance of sustainable practices through hands-on, educational engagement.



SDG 13

CLIMATE ACTION



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	A Research Talk on Ecolinguistics
2	Awareness Walk for a 'Greener Future'
3	Documentary Screening and Awareness Session
4	Presentations For Awareness on Climate Action
5	SDG's Expo: Climate Action
6	Sustainable Transportation Awareness Campaign
7	Seminar on the Energy Conservation Building Code (ECBC-2023)
8	Green Campus Initiative: University-Wide Plantation Drive
9	Youth for Green Revolution: A Student-Led Plantation Drive
10	"Trash to Treasure" - Recycled Art Stall
11	World Earth Day: Awareness Walk
12	Climate Change Awareness Session
13	Poster Competition on Waste Management
14	Waste Management Awareness Walk





ACTIVITY 01: A RESEARCH TALK ON ECOLINGUISTICS

Organized By:
The Department of English



Ma'am Farrah Iqbal delivered an insightful session on Ecolinguistics, sharing her research on the discourse used by real estate agents and its environmental implications. Through the application of Stibbe's theory, she explored how specific linguistic practices in real estate marketing perpetuate unsustainable behaviors and contribute to the commodification of natural spaces. The session encouraged students to critically analyze the role of language in shaping ecological narratives and highlighted the importance of environmentally responsible communication. This provided students with knowledge about the intersection of language and sustainability, fostering critical thinking and awareness.





ACTIVITY 02: AWARENESS WALK FOR A 'GREENER FUTURE'

Organized By:
The Department of English



The awareness walk organized by the Department of English, in collaboration with DSE, not only aimed at fostering a 'Greener Future' but also passionately emphasized the significance of sustainable practices. This event successfully advocated for environmental consciousness and encouraged actionable steps toward a cleaner, greener, and more sustainable world. The collective efforts during the walk were a powerful reminder of our shared responsibility to protect and preserve the environment for future generations. By promoting awareness about the interconnectedness of our actions with the broader global goals, the walk inspired a sense of duty and commitment among participants, reinforcing the commitment to contribute positively to the well-being of our planet.





ACTIVITY 03: DOCUMENTARY SCREENING AND AWARENESS SESSION

Organized By:
The Department of English



Ma'am Farrah Iqbal facilitated an engaging session featuring a documentary on the causes, effects, and long-term impacts of pollution on ecosystems and human health. The documentary showcased real-life examples of environmental degradation, such as air and water pollution, and their detrimental effects on communities worldwide. Following the screening, a discussion session encouraged students to reflect on individual and collective actions to mitigate pollution. This activity was pivotal in creating awareness about pollution's role in intensifying climate change, by improving education and awareness about environmental challenges and the need for sustainable solutions.





ACTIVITY 04: PRESENTATIONS FOR AWARENESS ON CLIMATE ACTION

Organized By:
The Department of English



The Department of English successfully organized an awareness event focused on Sustainable Development Goal 13: Climate Action. As part of this initiative, students from our department visited various classrooms to deliver presentations and engage with their peers on the critical issue of climate change. The presentations aimed to highlight the importance of urgent climate action, the consequences of global warming, and practical steps individuals and communities can take to mitigate its impact. This event served as an opportunity to foster environmental consciousness among students and promote active participation in sustainable practices, aligning with our commitment to contributing positively to global environmental efforts.





ACTIVITY 05: SDG'S EXPO: CLIMATE ACTION

Organized By:
The Department of English



the Department of English participated in a comprehensive expo dedicated to all 17 Sustainable Development Goals (SDGs), showcasing our commitment to promoting sustainability and social responsibility. As part of this event, they presented a detailed overview of the various initiatives and activities undertaken throughout the semester, specifically focusing on SDG 13: Climate Action. Their presentation included visual models and displays that illustrated our efforts and strategies for implementing climate action within the university community. They elaborated on the awareness campaigns, student engagement activities, and educational projects that have been instrumental in fostering a culture of sustainability. This participation provided us with an opportunity to highlight our progress, share best practices, and inspire further collaborative actions toward achieving the United Nations' 2030 Agenda for Sustainable Development.





ACTIVITY 06: SUSTAINABLE TRANSPORTATION AWARENESS CAMPAIGN

Organized By:
The Department of Civil Engineering



ASCE organized a Sustainable Transportation Awareness Campaign at Capital University of Science and Technology (CUST), an initiative that directly aligns with Sustainable Development Goal (SDG) 13. This campaign aimed to raise awareness about the importance of sustainable transportation systems and their role in building resilient, inclusive, and environmentally friendly urban environments. By promoting sustainable transportation practices such as the use of public transit, cycling, walking, and electric vehicles, the campaign encouraged the university community to adopt eco-friendly mobility solutions that reduce carbon emissions and improve urban air quality. By highlighting the environmental, social, and economic benefits of sustainable transportation, the campaign contributed to SDG 13: Climate Action, as it encouraged actions to combat climate change and its impacts through reduced greenhouse gas emissions.





ACTIVITY 07:

SEMINAR ON THE ENERGY CONSERVATION BUILDING CODE (ECBC-2023)

Organized By:
The Department of Mechanical Engineering



The event brought together students, faculty, and industry experts to discuss the importance of energy efficiency and sustainable building practices. Our esteemed guest speaker, Dr. Zeeshan Ullah, Director Buildings, NEECA, Ministry of Energy Pakistan, provided valuable insights into the ECBC-2023. The interactive seminar highlighted the code's key provisions and its potential to reduce energy consumption and promote sustainable development. This partnership between CUST and NEECA is poised to drive sustainable development and innovation in Pakistan's energy sector, paving the way for a greener and more energy-efficient future. By fostering collaboration between academia, industry, and policymakers, this effort contributes to sustainable infrastructure development, supporting SDG 13 (Climate Action), specifically Targets 13.1 and 13.3.





ACTIVITY 08:

YOUTH FOR GREEN REVOLUTION: A STUDENT-LED PLANTATION DRIVE

Organized By:
The Department of English



A plantation drive was organized in collaboration with the Gym Club and the Directorate of Sustainability and Environment (DSE) to promote environmental sustainability and support SDG 13. Students actively participated by planting saplings not only on campus but also at home and in their communities—wherever they could. This widespread effort reflected their shared commitment to addressing climate change and building a greener future. Through this initiative, students demonstrated how small individual actions can collectively contribute to a more sustainable and ecologically balanced world. Meaningful discussions accompanied the activity, further reinforcing the importance of environmental responsibility.





ACTIVITY 09:

GREEN CAMPUS INITIATIVE: UNIVERSITY-WIDE PLANTATION DRIVE

Organized By:
The Department of English



DSE, in collaboration with the English Department, organized a plantation drive bringing together the Vice-Chancellor, Head of English Departments (HoD), and esteemed faculty members in a united effort to promote environmental sustainability. The event aimed to enhance the green cover on campus and raise awareness about the importance of tree plantation in combating climate change. Each dignitary took part in planting saplings, symbolizing their commitment to creating a cleaner, greener, and healthier environment. The initiative fostered a strong message of collective responsibility and environmental stewardship within the academic community. This meaningful activity aligned with SDG 13: Climate Action, reinforcing the need to take urgent steps to mitigate the effects of climate change through nature-based solutions like afforestation. The event concluded with a renewed dedication from all participants to support sustainable practices and environmental initiatives on campus.





ACTIVITY 10: TRASH TO TREASURE - RECYCLED ART STALL

Organized By:
The Department of English



DSE, in collaboration with the English Department organized a creative initiative where students showcased innovative items made entirely from recycled materials. The event aimed to promote eco-friendly practices and highlight the importance of waste reduction and resource reuse. Students displayed a variety of handmade products, including decorative items, functional crafts, and creative art pieces, all crafted from discarded or repurposed materials. The stall attracted great interest, inspiring attendees to rethink their approach to consumption and waste. This initiative directly supported SDG 13: Climate Action, specifically sub-target 13.3, which focuses on improving education and awareness on climate change mitigation and sustainable practices. By encouraging recycling and creative reuse, the event emphasized how small, mindful actions can contribute to a healthier planet and a more sustainable future.





ACTIVITY 11: WORLD EARTH DAY: AWARENESS WALK

Organized By:
The Department of English



DSE in collaboration with the English Department, organized an Awareness Walk on World Earth Day to emphasize the importance of environmental protection and sustainability. The event aimed to engage students and faculty in meaningful dialogue about climate change and the role of individual and collective action in preserving the planet. Everyone participated with enthusiasm, carrying placards and banners that highlighted urgent environmental issues such as global warming, pollution, and deforestation. The walk created a vibrant atmosphere of awareness, unity, and responsibility, encouraging participants to reflect on the environmental impact of their choices. Aligned with SDG 13, this initiative underscored the value of awareness in driving behavioral change and mobilizing communities toward a more sustainable future.





ACTIVITY 12: CLIMATE CHANGE AWARENESS SESSION

Organized By:
**The Department of Bioinformatics
and Biosciences**



The Department of Bioinformatics and Biosciences, GENIX society, in collaboration with the Department of Sustainability and Environment (DSE),, Department of Bioinformatics and Biosciences, organized an awareness presentation on Sustainable Development Goals (SDGs) at Indus College on March 1, 2025. The event focused on SDG 13.1 (Strengthen resilience and adaptive capacity to climate-related disasters), educating students about their importance in achieving a sustainable future. Through this initiative, students gained valuable insights and were inspired to contribute to a more sustainable world.





ACTIVITY 13: POSTER COMPETITION ON WASTE MANAGEMENT

Organized By:
The Department of English



The Department of English, in collaboration with DSE, organized a Poster Competition on Waste Management to raise awareness about sustainable waste practices and their role in combating climate change. The competition encouraged students to creatively express solutions for reducing, reusing, and recycling waste through powerful visuals and messages. Participants submitted thought-provoking posters that highlighted key environmental issues, promoted responsible waste disposal, and emphasized the urgent need for collective action. The event aimed to engage students in meaningful environmental advocacy through art and design. This initiative was specifically aligned with target 13.3, which focuses on enhancing awareness and human capacity on climate change mitigation. The competition contributed to fostering environmentally conscious attitudes and behaviors among the student body.





ACTIVITY 14: WASTE MANAGEMENT AWARENESS WALK

Organized By:
The Department of English



The Department of English, in collaboration with DSE, organized an Awareness Walk on Waste Management to highlight the environmental consequences of poor waste disposal and the importance of adopting sustainable waste practices. The event aimed to engage both students and faculty in meaningful conversations about the significance of waste reduction and responsible consumption in combating climate change. Everyone participated actively, carrying placards and banners that delivered powerful messages about recycling, reducing plastic use, and proper waste segregation. The walk fostered a spirit of environmental responsibility and collective commitment toward a cleaner and greener campus. Aligned specifically with target 13.3, the initiative emphasized the role of awareness in transforming behaviors and building a more sustainable future for all.



SDG 14

LIFE BELOW WATER



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Exploration of Biofilms in Secondary Infections
2	Prevention of Signaling Among Disease Causing Bacteria
3	Medicinally Important Plants and their Therapeutic Products
4	Teaching Videos Series on Ethical Concerns in Marine Research
5	12TH INTERNATIONAL CONFERENCE ON BIOLOGICAL AND COMPUTATIONAL SCIENCES
6	SDG's EXPO 2025: Life Below Water
7	World Earth Day-Desk Activity
8	SDG-14 Awareness Visit
9	FM Talk on Life Below Water
10	World Environment Day
11	Poster Exhibition
12	Awareness Walk on Conservation of Marine Bio-diversity





ACTIVITY 01:

EXPLORATION OF BIOFILMS IN SECONDARY INFECTIONS

Organized By:

The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized a seminar, under the supervision of Dr. Arshia Amin, with Ms. Haleema Sadia as the speaker. The seminar was attended by MS and PhD students, along with faculty members. Ms. Haleema Sadia emphasized the importance of preventing nosocomial (hospital-acquired) infections, which contribute to antibiotic resistance and increase the disease burden on the healthcare sector. The event aimed to equip students with knowledge, skills, and research strategies in this field while highlighting key gaps and future research opportunities. The session aligned with Sustainable Development Goal (SDG) 14: Life Below Water, as antibiotic resistance and medical waste impact marine ecosystems. 14.1 (reducing marine pollution, including from antibiotics and medical waste), 14.2 (protecting and restoring marine ecosystems affected by pollution) and 14.5 (conserving coastal and marine areas impacted by human activities).





ACTIVITY 02:

PREVENTION OF SIGNALING AMONG DISEASE CAUSING BACTERIA

Organized By:

The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized a seminar under the supervision of Dr. Arshia Amin, with Mr. Muhammad Zameer as the speaker. The seminar was attended by MS and PhD students, along with faculty members. Mr. Muhammad Zameer discussed bacterial signaling, explaining how communication among disease-causing bacteria strengthens their adaptability in various habitats, including oceanic regions, deep water bodies, wastewater, and land. The event aimed to explore these communication mechanisms for better bacterial control while identifying research gaps and future opportunities. The session aligned with Sustainable Development Goal (SDG) 14: Life Below Water, as bacterial communication influences both terrestrial and aquatic ecosystems. The sub-targets of SDG 14 covered in the discussion were: 14.1 (reducing marine pollution caused by pathogenic bacteria), 14.2 (protecting marine ecosystems from bacterial contamination) and 14.5 (conserving aquatic biodiversity affected by bacterial infections).





ACTIVITY 03:

MEDICINALLY IMPORTANT PLANTS AND THEIR THERAPEUTIC PRODUCTS

Organized By:

The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized two seminars on "Medicinally Important Plants and Their Therapeutic Values" under the supervision of Dr. Rizwan ur Rehman and Dr. Erum Dilshad, with Miss Maliha Fatima and Miss Rukhsana Tabassum as speakers. The seminars were attended by MS and PhD students, along with faculty members. The speakers highlighted the importance of medicinal plants found in local habitats and their therapeutic potential. The event emphasized the role of these plants in healthcare, biodiversity conservation, and sustainable resource utilization. The discussion aligned with Sustainable Development Goals SDG 14: Life Below Water, as plant-derived compounds also influence terrestrial and aquatic ecosystem Sub-targets of SDG 14 covered in the discussion were: 14.1 (reducing pollution affecting marine biodiversity, including plant-derived waste), 14.2 (protecting marine and coastal ecosystems that house medicinally important aquatic plants) and 14.5 (conserving biodiversity in coastal and marine areas, ensuring the sustainability of medicinal plants in these habitats).





ACTIVITY 04:

TEACHING VIDEOS SERIES ON ETHICAL CONCERNS IN MARINE RESEARCH

Organized By:

The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences launched a teaching video series on ethical concerns in life sciences, featuring a collection of videos and online podcasts focused on bioethics. The topics align with Sustainable Development Goal 14 covering confidentiality, truth-telling, responsible conduct in life sciences, decision-making, research ethics involving humans and animals, reproductive ethics, public health, and organ transplantation. The first two sessions were conducted by Dr. Arshia Amin, discussing Confidentiality and Truth-Telling (December 19, 2024) and Organ Transplantation (December 16, 2024). The initiative aims to raise awareness and promote ethical scientific practices, with a nationwide audience as the content will be shared on social media and public forums. This initiative encourages responsible scientific practices, ethical decision-making, and sustainable research methodologies while fostering awareness of bioethical concerns in life sciences. It targeted SDG 14: Life Below Water. Its sub-targets; 14.1 (Reducing pollution affecting marine biodiversity, including ethical considerations in marine research) and 14.2 (Sustainable management of marine and coastal ecosystems, considering ethical research practices).





ACTIVITY 05:

12TH INTERNATIONAL CONFERENCE ON BIOLOGICAL AND COMPUTATIONAL SCIENCES (C-BICS 2024)

Organized By:
The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized an international conference covering a wide range of topics, including Biological Data Science, Forensics and Diagnostics, AI/ML in Health & Life Sciences, Precision & Molecular Medicine, Epidemiology & Infectious Diseases, Bioinformatics & Computational Biology, Climate Change, Food & Nutrition, Synthetic Biology, Smart Agriculture, Bio-entrepreneurship, and Biomedical Engineering. The event was attended by more than 11 institutions and featured 40 oral presentations and 33 poster presentations. The conference provided a platform for researchers to exchange knowledge, discuss advancements, and address challenges in health, agriculture, and environmental sustainability. The discussions aligned with Sustainable Development Goals (SDG) 14: Life Below Water, its sub-target: 14.1 (Reducing marine pollution, including agricultural and medical waste), 14.2 (Protecting and restoring marine ecosystems affected by climate change and pollution) and 14.7 (Enhancing sustainable use of marine resources through biotechnology and bio-entrepreneurship).





ACTIVITY 06:

SDG'S EXPO 2025: LIFE BELOW WATER

Organized By:
The Directorate of Sustainability and Environment



Being the ambassador of SDG-14 from the Department of Bioinformatics and Biosciences, Ms. Ghazala Ali presented posters showcasing the importance of marine life, water and sustainable measures for the protection of marine life on the planet earth, regarding the biodiversity and economic importance each marine species plays in SDGs Expo 2025. These events targets Target 14.1, By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution, Target 14.2 By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans, Target 14.3 Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels, Target 14.4 By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics.





ACTIVITY 07: WORLD EARTH DAY-DESK ACTIVITY

Organized By:
The Department of Bioinformatics & Biosciences



A desk activity on the occasion of World Earth Day, held on Friday, from 9:00 AM to 12:00 PM at the F Block corridor. The primary aim of this event was to raise awareness among students about environmental conservation and sustainable living practices. The activity targeted the promotion of eco-friendly habits, such as recycling, reducing plastic usage, and planting more trees. An interactive desk was set up where students engaged with posters, brochures, and live demonstrations on how small actions can lead to significant environmental impact. The importance of keeping our water bodies clean for greener environment.





ACTIVITY 08: SDG-14 AWARENESS VISIT

Organized By:
The Department of Bioinformatics & Biosciences



SDG-14 awareness session was held at Punjab college. It focused on conserving and sustainably using the oceans, seas, and marine resources. This awareness session aims to highlight the urgent need to protect marine ecosystems from threats such as pollution, overfishing, and climate change, among the young students. Healthy oceans are vital for food security, climate regulation, and the livelihoods of millions of people. Through this expo, we seek to inspire collective action, showcase innovative solutions, and empower individuals and communities to contribute to the preservation of our blue planet for future generations.





ACTIVITY 09: FM TALK ON LIFE BELOW WATER

Organized By:
The Department of Bioinformatics & Biosciences



Genix Society, Department of Bioinformatics & Biosciences in collaboration with DSE, organized an FM session on SDG-14: Life Below Water featuring Dr. Arshia Amin Butt, Associate Professor in Environmental and Industrial Microbiology. The discussion addressed key sub-targets of SDG-14, including reducing marine pollution (14.1), protecting marine and coastal ecosystems (14.2), minimizing ocean acidification (14.3), regulating overfishing (14.4), and enhancing the livelihoods of small-scale fishers (14.b). The session highlighted the importance of the blue economy in promoting sustainable development and emphasized oceans as vital for climate regulation, food security, and biodiversity. Pakistan's marine conservation efforts, such as the restoration of Astola Island and mangrove forests, were recognized as significant progress aligned with SDG-14.





ACTIVITY 10: WORLD ENVIRONMENT DAY

Organized By:
The Department of Bioinformatics & Biosciences



Genix in collaboration with DSE, and GYM organized an awareness desk on World Environment Day. It was an engaging awareness session to educate students about the importance of oceans, the diverse life forms they support, and the crucial steps needed to protect these vital ecosystems. The session aimed to highlight the role oceans play in maintaining environmental balance and supporting millions of marine species. Students were introduced to the threats facing our oceans, including pollution, overfishing, and climate change, along with practical solutions such as reducing plastic use, supporting sustainable seafood choices, and advocating for clean water initiatives.





ACTIVITY 11: SDG 14: POSTER EXHIBITION

Organized By:
The Department of Bioinformatics & Biosciences



A Poster competition was organized on Wednesday at the A Block corridor, where students showcased their posters on diverse topics aligned with SDG 14: Life Below Water, including marine bacteria, sea anemones, and the living ecosystems of oceans. The event aimed to raise awareness about marine biodiversity and the vital role of oceanic organisms in maintaining ecological balance. The competition directly addressed Target 14.1: reducing marine pollution, Target 14.2: sustainably manage and protect marine ecosystems, and sub-target 14.a: increase scientific knowledge and research for ocean health, fostering environmental stewardship and encouraging scientific exploration to protect life below water.





ACTIVITY 12: AWARENESS WALK ON CONSERVATION OF MARINE BIO-DIVERSITY

Organized By:
The Department of Bioinformatics & Biosciences

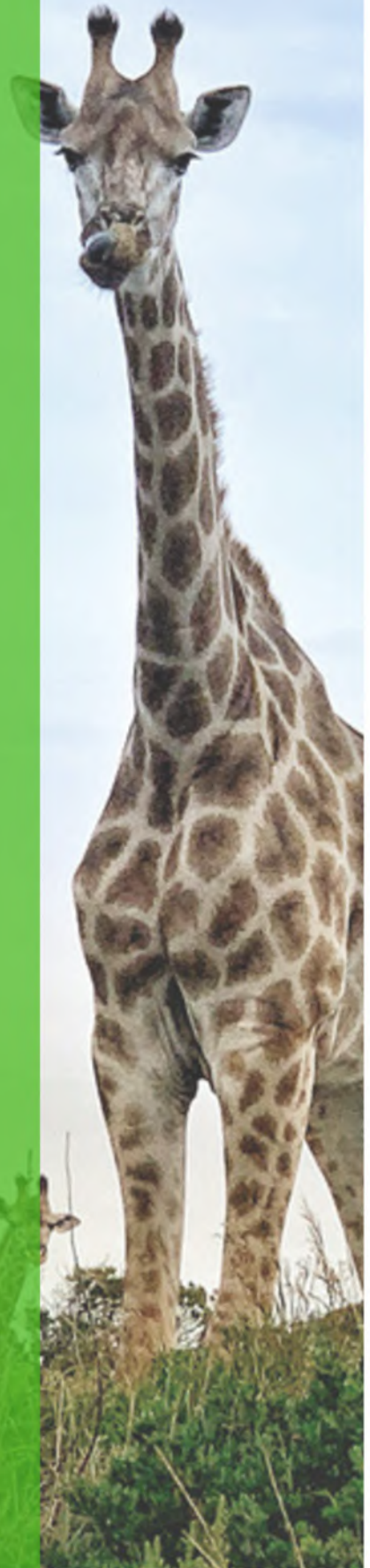


Genix in collaboration with DSE, Pharma-Spark & WHO-CUST CHAPTER organized an awareness walk session, The event aimed to promote biodiversity conservation with a specific focus on SDG 14: Life Below Water, which emphasizes the protection, restoration, and sustainable use of marine and coastal ecosystems. Participants highlighted the vital role of aquatic biodiversity in maintaining global ecological balance and raised awareness about threats such as pollution, habitat degradation, and overfishing. The walk addressed Target 14.1: reducing marine pollution, Target 14.2: sustainable management and protection of marine and coastal ecosystems, and Target 14.a: enhancing scientific knowledge and research for ocean health. Through this initiative, attendees pledged to support ocean conservation and demonstrated their dedication to environmental stewardship and sustainable marine resource management.



SDG 15

LIFE ON LAND



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Cancer Awareness
2	Exploration Of Biofilms In Secondary Infections
3	Prevention Of Signaling Among Disease Causing Bacteria
4	12th International Conference On Biological And Computational Sciences
5	MEDICINALLY IMPORTANT PLANTS AND THEIR THERAPEUTIC PRODUCTS
6	SDG's EXPO 2025: Life on Land
7	World Earth Day
8	Awareness Walk on the International Day for Biological Diversity
9	Eco-art Exhibition
10	Quick Quiz Buzz + My Green Card Pledge
11	World Environment Day





ACTIVITY 01: CANCER AWARENESS

Organized By:
The Department of Bioinformatics & Biosciences



The event commenced with a keynote speech by a renowned expert in veterinary oncology, highlighting the importance of cancer awareness in animals and its impact on biodiversity. A panel discussion followed, featuring experts from various fields, including veterinary medicine, conservation biology, and ecology. Students from the Department of Bioinformatics and Biosciences presented posters and exhibits showcasing their research on cancer in animals and its connection to SDG 15. Desk activity was conducted, focusing on the diagnosis, treatment, and prevention of cancer in animals, with a special emphasis on conservation and biodiversity. The event concluded with a certificate ceremony, honoring the participants and organizer.





ACTIVITY 02: EXPLORATION OF BIOFILMS IN SECONDARY INFECTIONS

Organized By:
The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized a seminar, under the supervision of Dr. Arshia Amin, with Ms. Haleema Sadia as the speaker. The seminar was attended by MS and PhD students, along with faculty members. Ms. Haleema Sadia emphasized the importance of preventing nosocomial (hospital-acquired) infections, which contribute to antibiotic resistance and increase the disease burden on the healthcare sector. The event aimed to equip students with knowledge, skills, and research strategies in this field while highlighting key gaps and future research opportunities. The session aligned with Sustainable Development Goal (SDG) 15: Life on Land, particularly in promoting ecosystem health, reducing the spread of diseases, and combating environmental damage. Sub-targets of SDG 15 addressed in the seminar included 15.5 (reducing habitat degradation and biodiversity loss), 15.8 (preventing invasive species that harm ecosystems), and 15.9 (integrating ecosystem values into health policies).





ACTIVITY 03:

PREVENTION OF SIGNALING AMONG DISEASE CAUSING BACTERIA

Organized By:

The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized a seminar under the supervision of Dr. Arshia Amin, with Mr. Muhammad Zameer as the speaker. The seminar was attended by MS and PhD students, along with faculty members. Mr. Muhammad Zameer discussed bacterial signaling, explaining how communication among disease-causing bacteria strengthens their adaptability in various habitats, including oceanic regions, deep water bodies, wastewater, and land. The event aimed to explore these communication mechanisms for better bacterial control while identifying research gaps and future opportunities. The session aligned with Sustainable Development Goals (SDG) 15: Life on Land Sub-targets of SDG 15 addressed in the seminar included: 15.5 (reducing biodiversity loss caused by harmful bacteria), 15.8 (preventing the spread of invasive bacterial species affecting ecosystems) and 15.9 (integrating bacterial control strategies into environmental and health policies).





ACTIVITY 04:

12TH INTERNATIONAL CONFERENCE ON BIOLOGICAL AND COMPUTATIONAL SCIENCES

Organized By:

The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized an international conference covering a wide range of topics, including Biological Data Science, Forensics and Diagnostics, AI/ML in Health & Life Sciences, Precision & Molecular Medicine, Epidemiology & Infectious Diseases, Bioinformatics & Computational Biology, Climate Change, Food & Nutrition, Synthetic Biology, Smart Agriculture, Bio-entrepreneurship, and Biomedical Engineering. The event was attended by more than 11 institutions and featured 40 oral presentations and 33 poster presentations. The conference provided a platform for researchers to exchange knowledge, discuss advancements, and address challenges in health, agriculture, and environmental sustainability. The discussions aligned with SDG 15: Life on Land, its sub-targets: 15.1 (Ensuring sustainable use of terrestrial ecosystems), 15.5 (Reducing biodiversity loss through precision agriculture and synthetic biology) and 15.9 (Integrating biodiversity conservation into scientific research and policy frameworks) emphasizing the role of science and technology in promoting ecological balance, sustainable food production, and biodiversity conservation. The conference highlighted the interdisciplinary role of modern sciences in addressing global challenges.





ACTIVITY 05:

MEDICINALLY IMPORTANT PLANTS AND THEIR THERAPEUTIC PRODUCTS

Organized By:

The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized two seminars on "Medicinally Important Plants and Their Therapeutic Values" under the supervision of Dr. Rizwan ur Rehman and Dr. Erum Dilshad, with Miss Maliha Fatima and Miss Rukhsana Tabassum as speakers. The seminars were attended by MS and PhD students, along with faculty members. The speakers highlighted the importance of medicinal plants found in local habitats and their therapeutic potential. The event emphasized the role of these plants in healthcare, biodiversity conservation, and sustainable resource utilization. The discussion aligned with Sustainable Development Goals SDG 14: Life Below Water, as plant-derived compounds also influence terrestrial and aquatic ecosystem Sub-targets of SDG 14 covered in the discussion were: 14.1 (reducing pollution affecting marine biodiversity, including plant-derived waste), 14.2 (protecting marine and coastal ecosystems that house medicinally important aquatic plants) and 14.5 (conserving biodiversity in coastal and marine areas, ensuring the sustainability of medicinal plants in these habitats).





ACTIVITY 06: SDG'S EXPO 2025: LIFE ON LAND

Organized By:
The Department of Bioinformatics & Biosciences



The Directorate of Sustainability and Environment (DSE) organized an expo regarding all the SDGs. As an ambassador for SDG 15: Life on Land, Ms. Salika Fatima, emphasized the importance of protecting biodiversity, restoring degraded lands, and promoting sustainable forest management. The event focused on targets 15.1-15.9 and 15.a-15.c, including conserving ecosystems, combating desertification, and promoting fair sharing of genetic resources. As an ambassador, she pledged to reduce my carbon footprint, support conservation efforts, and promote sustainable practices. At the conclusion of the expo, all ambassadors were recognized for their hard work, and they were awarded certificates in acknowledgment of their dedication and contributions to spreading awareness about the SDGs. This recognition was a proud moment for all of us, as it symbolized the collective effort put into making the expo a success.





ACTIVITY 07: WORLD EARTH DAY

Organized By:
The Department of Bioinformatics & Biosciences



An Earth Day event was held on April 18th from 9:00 AM to 12:00 PM at the F Block Corridor, organized by the Department of Sustainability and Environment (DSE) in collaboration with the Genic Society. The event focused on Sustainable Development Goal 15 (Life on Land), specifically targets 15.1 (Conservation and sustainable use of terrestrial ecosystems) and 15.5 (Protection and prevention of extinction of threatened species). The event aimed to raise awareness about protecting the planet's ecosystems and biodiversity. Through poster presentations, interactive sessions, and discussions, participants learned about the impact of human activities on the environment and explored sustainable practices and eco-friendly living. The event successfully promoted awareness and inspired action towards environmental conservation, encouraging community engagement in initiatives that preserve natural resources.





ACTIVITY 08:

AWARENESS WALK ON THE INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY

Organized By:

The Department of Bioinformatics & Biosciences



The Department of Sustainability and Environment, in collaboration with the Department of Bioinformatics and Bioscience, GENIX Society, organized an Awareness Walk on the International Day for Biological Diversity, May 22, 2025, at 2 pm at the K Block Fountain. The event aimed to promote biodiversity conservation and align with Sustainable Development Goal 15: Life on Land, which focuses on protecting, restoring, and promoting sustainable use of terrestrial ecosystems. Through the walk, participants raised awareness about the importance of biodiversity and pledged to take proactive steps toward conservation, demonstrating their commitment to environmental stewardship and sustainability.





ACTIVITY 09: ECO-ART EXHIBITION

Organized By:
The Department of Bioinformatics & Biosciences



The Department of Sustainability and Environment (DSE), in collaboration with the Department of Bioinformatics and Bioscience, GENIX Society, successfully hosted the Eco Art Exhibition on May 21st, 2025 from 9:00 AM to 12:00 PM at the B Block corridor. The event utilized eye-catching posters to promote the event and convey its message of environmental sustainability. Featuring striking visuals and creative designs, the posters highlighted the importance of protecting our planet and showcased the innovative artworks on display. With a clear emphasis on SDG 15: Life on Land, the posters effectively communicated the exhibition's goals and encouraged attendees to join in promoting eco-friendly practices. By leveraging visual art, the posters played a crucial role in engaging the community and inspiring action towards a more sustainable future.





ACTIVITY 10: QUICK QUIZ BUZZ: MY GREEN CARD PLEDGE

Organized By:
The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences organized an engaging educational activity titled "Quick Quiz Buzz + My Green Card Pledge" on April 17th, 2025, at the Scientific Model School. The session aimed to raise awareness among students about environmental sustainability and responsible practices in agriculture and forestry. The event began with the introduction of the Green Youth Club initiative and its goals. Students made pledges related to their commitment to environmental stewardship, specifically in the areas of forestry and agriculture. "My Green Card Pledge" encouraged participants to commit to small yet impactful eco-friendly actions. The activity fostered enthusiasm for sustainable development among young minds in line with the Sustainable Development Goal 15. The "Quick Quiz Buzz" segment tested students' knowledge through a fast-paced, interactive quiz, students divided into 3 groups and a round-based competition was held where the group with the most points after the end of the rounds won.





ACTIVITY 11: WORLD ENVIRONMENT DAY

Organized By:
The Department of Bioinformatics & Biosciences



World Environment Day was organized by the Directorate of Sustainability and Environment in collaboration with the GENIX Society and the GYM Club. Students and faculty gathered in front of F-Block participate in this engaging activity. The event aimed to raise awareness about the importance of trees and their role in sustaining the environment. By identifying and learning about various tree species, participants gained a deeper understanding of the significance of conservation and sustainability. To further promote sustainability, saplings were distributed among faculty members. This initiative aligns with the United Nations' Sustainable Development Goal 15: Life on Land, specifically Target 15.1, -15.9 and 15.a-15.c, focusing on ecosystem conservation, combating desertification, and fair sharing of genetic resources.



SDG 16

PEACE, JUSTICE, AND
STRONG INSTITUTION



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Preserving Nature: A Unique Startup on Ethical Taxidermy
2	Promoting Awareness Among Students for Society and Environmental Betterment
3	Fostering Peace and Accountability Through Corporate Responsibility
4	Digital Economy for Strong Institutions
5	Strengthening Confidence: Self-Defense for Justice and Empowerment
6	Building Strong Institutions - Insights from the 27th SDG Conference
7	Teaching Videos Series On Ethical Concerns By Scientists
8	The Kindness Tree - Growing Good Deed
9	Education and Awareness to Reduce Racial Violence
10	All Colors are Beautiful - We are equal
11	Climate Change and Conflict

16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



ACTIVITY 01:

PRESERVING NATURE: A UNIQUE STARTUP ON ETHICAL TAXIDERMY

Organized By:
The Department of Management Sciences



As part of the Marketing Gala 2024 held at CUST, a creative and innovative startup titled “Preserving Nature: A Unique Startup on Ethical Taxidermy” was showcased. The activity aimed to introduce the university community to the art of ethical taxidermy, demonstrating its potential as a sustainable business model. The initiative was linked to SDG 16.3, promoting the rule of law at the national and international levels and ensure equal access to justice for all, SDG 16.6, developing effective, accountable, and transparent institutions at all levels, and SDG 16.10, ensuring public access to information and protect fundamental freedoms, by national legislation and international agreements. The activity at the Marketing Gala 2024 successfully combined innovation, sustainability, and ethics to create a memorable experience for attendees. The initiative not only showcased the entrepreneurial potential of ethical taxidermy but also encouraged the university community to think creatively and responsibly about the future of business and conservation.



16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



ACTIVITY 02:

PROMOTING AWARENESS AMONG STUDENTS FOR SOCIETY AND ENVIRONMENTAL BETTERMENT

Organized By:
The Department of Management Sciences



As part of an initiative to raise awareness, I visited various classes at Capital University of Science and Technology (CUST) to engage students in understanding the importance of their role in society and the environment. The activity aimed to encourage students to actively participate in various campaigns and activities for societal and environmental betterment, emphasizing the idea that students should care for their environment and society just as they care for their own families. This initiative aligns with SDG 16.1- significantly reduce all forms of violence and related death rates everywhere, SDG 16.3- promoting the rule of law at the national and international levels and ensure equal access to justice for all, and SDG 16.7- ensuring responsive, inclusive, participatory, and representative decision-making at all levels.



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ACTIVITY 03: BIRD AND CAT FEEDER COMPETITION

Organized By:
The Department of Management Sciences



As part of the Next Gen Corporate Summit 2024, held at Capital University of Sciences & Technology, Islamabad, an insightful event focused on the theme of corporate responsibility and its role in fostering peace and accountability. The event featured various stalls from different organizations, each showcasing their efforts towards contributing to:

- SDG 16.1: Significantly reduce all forms of violence and related death rates everywhere.
- SDG 16.6: Develop effective, accountable, and transparent institutions at all levels.
- SDG 16.10: Ensure public access to information and protect fundamental freedoms, by national legislation and international agreements.

The event inspired attendees to consider how they, as future leaders and entrepreneurs, can adopt similar strategies to ensure their business practices contribute to a more just and peaceful world.



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ACTIVITY 04: DIGITAL ECONOMY FOR STRONG INSTITUTIONS

Organized By:
The Department of Management Sciences



On 2nd January 2024, a walk titled "Digital Economy for Strong Institutions" took place Capital University of Sciences & Technology, Islamabad. The walk focused on how the digital economy contributes to building strong, transparent, and accountable institutions, aligning with:

- SDG 16.6: Develop effective, accountable, and transparent institutions at all levels.
- SDG 16.7: Ensure responsive, inclusive, participatory, and representative decision-making at all levels.
- SDG 16.10: Ensure public access to information and protect fundamental freedoms, by national legislation and international agreements.

The walk was an engaging, visual experience where participants, including students and faculty members, explored how digital innovations such as e-governance, blockchain, and data analytics transform institutions to be more efficient and responsive to public needs.



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AND STRONG
INSTITUTIONS



ACTIVITY 05:

STRENGTHENING CONFIDENCE: SELF- DEFENSE FOR JUSTICE AND EMPOWERMENT

Organized By:
The Department of Management Sciences



Capital University of Science and Technology (CUST), Islamabad, hosted a workshop titled “Strengthening Confidence: Self-Defense for Justice and Empowerment,” aimed at promoting personal safety, confidence, and empowerment in line with Sustainable Development Goal (SDG) 16 – Peace, Justice, and Strong Institutions. The workshop was led by M. Adnan Islam, an expert in self-defense training, and was attended by students and faculty members. The following SDG targets were emphasized during the event:

- SDG 16.1: Significantly reduce all forms of violence and related death rates everywhere.
- SDG 16.3: Promote the rule of law at the national and international levels and ensure equal access to justice for all.
- SDG 16.7: Ensure responsive, inclusive, participatory, and representative decision making at all levels.

Participants left with a sense of confidence and empowerment, ready to contribute to a society that upholds justice, peace, and equality for all.



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ACTIVITY 06:

BUILDING STRONG INSTITUTIONS - INSIGHTS FROM THE 27TH SDG CONFERENCE

Organized By:
The Department of Management Sciences



On November 4, 2024, Mr. Bilal Khalid, SDG 16 Ambassador, attended the 27th Sustainable Development Conference held in Islamabad. The event focused on exploring strategies and practices that contribute to sustainable development, with a special emphasis on achieving the targets of SDG 16: Peace, Justice, and Strong Institutions. The conference brought together experts, academics, and professionals to discuss how governance, institutional strength, and justice can lead to sustainable and peaceful societies. As the Ambassador for SDG 16, his primary goal was to engage with the ideas presented and understand the role that various sectors play in fostering peace and building resilient institutions. The conference directly aligned with the targets of SDG 16, specifically focusing on:

SDG 16.1: Significantly reduce all forms of violence and related death rates everywhere.

SDG 16.6: Develop effective, accountable, and transparent institutions at all levels.

SDG 16.10: Ensure public access to information and protect fundamental freedoms, by national legislation and international agreements.



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ACTIVITY 07: TEACHING VIDEOS SERIES ON ETHICAL CONCERNS BY SCIENTISTS

Organized By:
The Department of Bioinformatics & Biosciences



The Department of Bioinformatics and Biosciences launched a teaching video series on ethical concerns in life sciences, featuring a collection of videos and online podcasts focused on bioethics. The topics align with Sustainable Development Goal 14 covering confidentiality, truth-telling, responsible conduct in life sciences, decision-making, research ethics involving humans and animals, reproductive ethics, public health, and organ transplantation. The first two sessions were conducted by Dr. Arshia Amin, discussing Confidentiality and Truth-Telling (December 19, 2024) and Organ Transplantation (December 16, 2024). The initiative aims to raise awareness and promote ethical scientific practices, with a nationwide audience as the content will be shared on social media and public forums. This initiative encourages responsible scientific practices, ethical decision-making, and sustainable research methodologies while fostering awareness of bioethical concerns in life sciences. It targeted SDG 16: Peace, Justice, and Strong Institutions and its sub-targets; 16.5 (Reducing corruption and unethical practices in scientific research), 16.6 (Developing transparent and accountable research systems) and 16.10 (Ensuring public access to ethical research information and protecting scientific integrity).



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INSTITUTIONS



ACTIVITY 08: THE KINDNESS TREE - GROWING GOOD DEED

Organized By:
The Department of Management Sciences



In this creative activity, children were asked to think of good deeds they could do at school or home – such as helping classmates, sharing lunch, or saying kind words. Each child wrote or drew their idea on a paper leaf and added it to a large “Kindness Tree” displayed on the classroom wall. This visual tree showed how small kind actions can grow into a strong, peaceful society. The activity aligned with:

- 16.6: Teaching accountability and responsible behavior.
- 16.7: Involving children in participatory learning.
- 16.1: Promoting non-violent, kind interactions among children.



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ACTIVITY 09: EDUCATION AND AWARENESS TO REDUCE RACIAL VIOLENCE

Organized By:
The Department of Management Sciences



The Directorate of Sustainability and Environment (DSE), in collaboration with the Department of Management Sciences, organized an Awareness Walk titled “Education and Awareness to Reduce Racial Violence” as part of its commitment to SDG 16. The walk commenced from C Block, passed in front of E Block, and concluded at the C Block entrance.

Participants carried placards promoting peace, racial harmony, and equality. The walk aimed to educate the campus community about the dangers of racial violence and the importance of unity and respect for all individuals. It provided a platform for open dialogue and reflection on how educational institutions can combat racism and discrimination through awareness and empathy. The activity was aligned with the following SDG 16 targets:

- 16.1: By addressing the roots of racial discrimination, the walk contributed to reducing societal violence.
- 16.3: The walk emphasized fairness, equal rights, and the importance of justice for all, regardless of race or ethnicity.
- 16.b: The event reinforced the value of non-discriminatory practices, encouraging students to uphold diversity and inclusion in all spaces.



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ACTIVITY 10: ALL COLORS ARE BEAUTIFUL - WE ARE EQUAL

Organized By:
The Department of Management Sciences



As part of the Directorate of Sustainability and Environment's outreach efforts, students from the Management Sciences Department visited Scientific Model School and College to conduct two meaningful awareness sessions with children. The sessions aimed to plant early seeds of peace, equality, and kindness in young minds, directly contributing to the goals of SDG 16.

This interactive session helped children learn about diversity, racial harmony, and equal respect for all. Students led short storytelling, drawing, and group discussions, teaching children that people of every color and background deserve kindness and fairness.

SDG 16 Alignment:

- 16.1: Encouraging peaceful behavior and respect
- 16.b: Promoting non-discriminatory attitudes from a young age



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ACTIVITY 11: CLIMATE CHANGE AND CONFLICT

Organized By:
The Department of Management Sciences



The Directorate of Sustainability and Environment (DSE), in collaboration with the Department of Management Sciences, conducted an Awareness Walk on “Climate Change and Conflict”, emphasizing the growing link between environmental crises and social unrest. The walk began from C Block, moved past E Block, and concluded at the entrance of C Block.

This walk aimed to inform students about how climate change is increasingly becoming a driver of resource-based conflict, migration, and inequality, ultimately threatening global peace and stability. Students held informative posters and banners advocating for sustainable practices and climate justice as a means of preventing future conflicts.

The initiative was directly aligned with the following SDG 16 targets:

- 16.1: By raising awareness on environmental stress as a conflict trigger, the walk helped highlight non-violent and preventive approaches.
- 16.3: The event emphasized climate justice, promoting equal environmental rights for all.
- 16.7: The walk encouraged inclusive dialogue and decision-making around sustainable development and peacebuilding.



SDG 17

PARTNERSHIP FOR THE GOALS



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Awareness Walk on “Unity in Diversity”
2	SDG’s Expo: Partnership for the Goals
3	Collaboration with the Pakistan HVACR Society
4	Collaboration with (NEECA), Ministry of Energy
5	Industrial Outreach Meeting
6	Intellectual Property and Academia-Industry Collaboration: A Perspective



17 PARTNERSHIPS
FOR THE GOALS



ACTIVITY 01: AWARENESS WALK ON “UNITY IN DIVERSITY”

Organized By:
The Department of Accounting and Finance



The purpose of the event was to emphasize the importance of global partnerships and collaboration, fostering inclusivity and mutual understanding among diverse communities to achieve the Sustainable Development Goals (SDG 17). The objectives of the walk were multifaceted. Firstly, it aimed to raise awareness about the critical need for strengthening global partnerships for sustainable development. Secondly, it encouraged participants to celebrate and embrace cultural, social, and economic diversity.





ACTIVITY 02: SDG'S EXPO: PARTNERSHIPS FOR THE GOALS

Organized By:
The Directorate of Sustainability and Environment



As the Ambassador of SDG 17: Partnerships for the Goals, Mr. Yousaf Ishaq had the honor of preparing and representing the stall at the event, showcasing the essence of global collaboration and partnerships in achieving the Sustainable Development Goals. The event was a remarkable success, with numerous interactive stalls dedicated to various SDGs, each highlighting innovative ideas, practical solutions, and strategies to address global challenges. This stall focused on fostering partnerships, emphasizing the importance of unity and collaboration across sectors, and inspiring participants to take collective action toward sustainable development



17 PARTNERSHIPS
FOR THE GOALS



ACTIVITY 03:

BUILDING BRIDGES BETWEEN EDUCATION AND INDUSTRY!

Organized By:
The Department of Mechanical Engineering



Capital University of Science and Technology (CUST) is proud to announce a new partnership with the Pakistan HVACR Society, the sole representative body for Heating, Ventilation, Air-conditioning & Refrigeration (HVACR) in Pakistan. A Memorandum of Understanding (MOU) is signed between the Capital University of Science & Technology (CUST) and the Pakistan HVACR Society to strengthen industry academia linkages. Prof. Dr. Imtiaz Ahmed Taj, Dean Faculty of Engineering CUST, and Engr. Ramzan Sharif, President of PHVACRS, signed the agreement along with Mr. Naseer Ahmad, Hony. General Secretary and Mr. Bilal Zubairi. This MoU will facilitate industrial trips, internships, guest lectures, joint seminars, and much more. Engr. Saif Ullah Awan will be representing CUST in coordinating the implementation of this important agreement. This partnership marks a significant step towards enhancing practical skills and fostering innovation in the HVACR sector in accordance with the target 17.6 of SDG 17. This partnership reinforces our commitment to providing practical, industry-relevant education.



**17 PARTNERSHIPS
FOR THE GOALS**



ACTIVITY 04:

COLLABORATION WITH NATIONAL ENERGY EFFICIENCY AND CONSERVATION AUTHORITY

Organized By:
The Department of Mechanical Engineering



The Industrial Outreach Committee (IoC) of the Mechanical Engineering Department has made significant strides in fostering collaborations with key stakeholders to promote energy efficiency and sustainable practices. On Wednesday, November 6, 2024, a landmark Memorandum of Understanding (MoU) was signed between the Faculty of Engineering at Capital University of Science and Technology (CUST) and the National Energy Efficiency and Conservation Authority (NEECA), Ministry of Energy. This collaboration was spearheaded by HoD Prof. Dr. Muhammad Mahabat Khan and IoC Convener Engr. Saif Ullah Awan, marking a crucial step toward advancing energy efficiency initiatives in Pakistan. The partnership aims to leverage the expertise of both organizations, with a focus on capacity-building initiatives, joint research projects, and the development of programs to promote energy-efficient technologies. This collaboration is expected to empower students and faculty members, contributing significantly to national and global energy conservation efforts. This drive aligned with SDG 17 target 17.6.



17 PARTNERSHIPS
FOR THE GOALS



ACTIVITY 05: INDUSTRIAL OUTREACH MEETING

Organized By:
The Department of Mechanical Engineering



An Industrial Outreach meeting was held on November 13, 2024, between representatives from Itel Energy Division of Transsion Holdings China and the Mechanical Engineering Department of Capital University of Science and Technology (CUST). Engr. Ghulam Fareed, Technical Support Manager-Pakistan for Itel Energy Division, along with Engr. Arhaam Mubarak, CEO of Quantum Engineering Islamabad, led the Itel Energy Division team. The CUST team was headed by Prof. Dr. Muhammad Mahabat Khan, HoD of Mechanical Engineering, and included Dr. Muhammad Irfan and Engr. Saif Ullah Awan, Convener of the Industrial Outreach Committee.

During the meeting, discussions focused on potential collaborations, including student internships, joint research projects, and technical seminars. Itel Energy Division extended an invitation to CUST students and faculty to participate in upcoming technical seminars and lab visits. The two parties also explored the possibility of signing a Memorandum of Understanding (MoU) to formalize their partnership. The MoU would outline the specific areas of collaboration and the commitments of both parties. This initiative aligns with the SDG 17 target 17.6.



17 PARTNERSHIPS
FOR THE GOALS



ACTIVITY 06:

INTELLECTUAL PROPERTY AND ACADEMIA-INDUSTRY COLLABORATION

Organized By:
The Department of Mechanical Engineering



An FDP Session was scheduled by the Department of ME on the topic "Intellectual Property and Academia-Industry Collaboration: A Perspective" on Tuesday, 24th December 2024, from 2:20 pm to 3:20 pm in the Mechanical Engineering workshop. The guest speaker was Dr. Saheeb Ahmed Kayani, CEng MIET, SFHEA, Assistant Professor, Department of Mechanical Engineering, College of Electrical and Mechanical Engineering, National University of Sciences and Technology. More than 17 people attended the session, including all the faculty of the ME department. This event aligned with SDG 17 (Partnerships for the Goals), specifically Target 17.6, which promotes knowledge sharing, technology transfer, and cooperation.

