

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.



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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.



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ACTIVITY 03: WORLD PHARMACIST DAY

Organized By:
The Department of Pharmacy



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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.

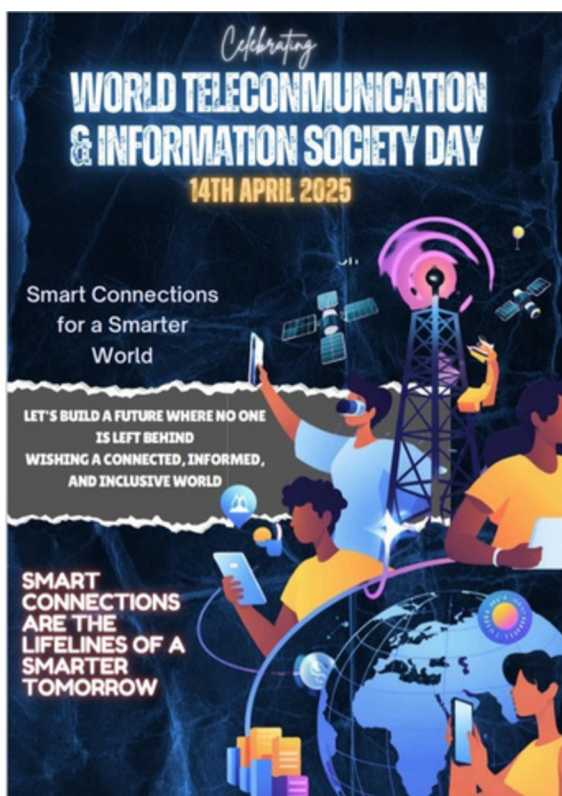


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ACTIVITY 08: SMART CONNECTION FOR A SMARTER WORLD

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.

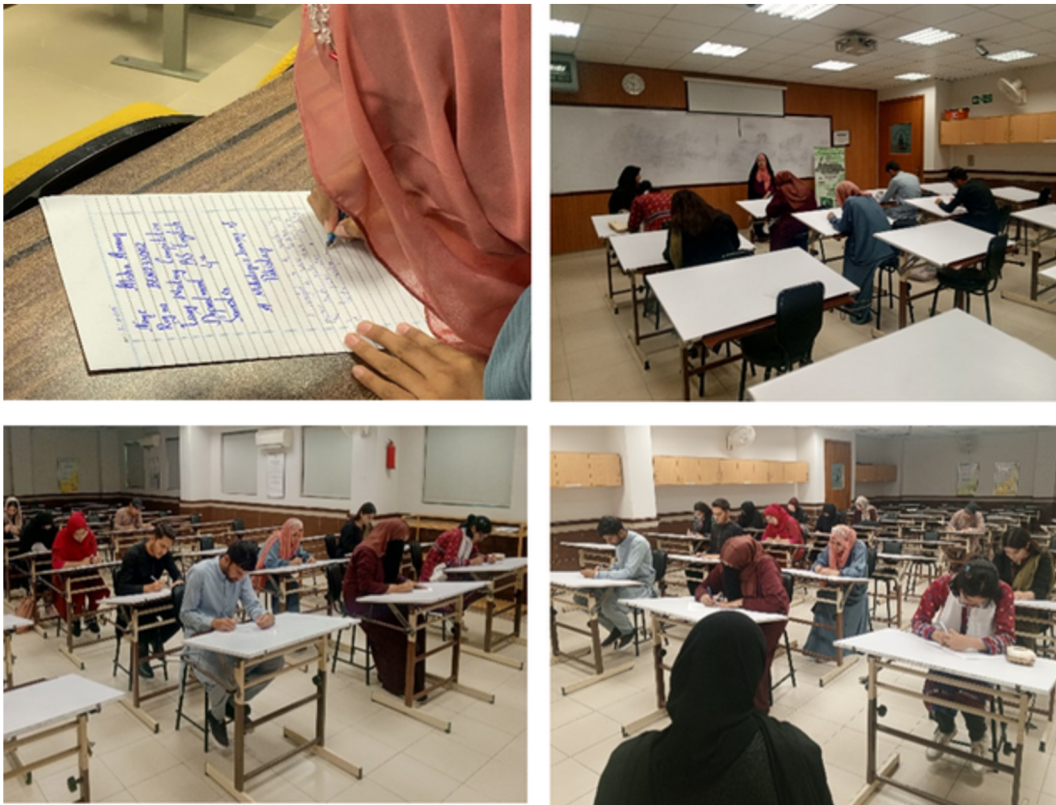


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ACTIVITY 09: PEN OF FREEDOM: ESSAY COMPETITION

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



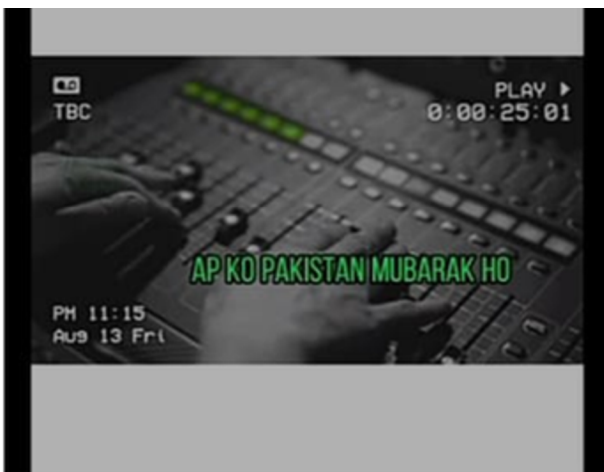
GYM Club organized an essay competition to commemorate Pakistan Day and reflect on its lasting legacy in today's world. The event supported SDG 4, explicitly targeting sub-goal 4.7, which promotes education for sustainable development and global citizenship. Students from various departments registered 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.

