

2024 - Vol.XV, No.1



Capital University of Science and Technology Islamabad

NEWSLETTER



[capitaluniversityislamabad](https://www.facebook.com/capitaluniversityislamabad)



[school/capital-university-of-science-and-technology](https://www.linkedin.com/school/capital-university-of-science-and-technology)



[capital_university](https://www.instagram.com/capital_university)

Table of CONTENTS

1	Convocation 2023	14	World Osteoporosis Day World Smile Day Awareness Campaign on Pink Eye Infections
2	11th International Conference on Biological and Computational Sciences (C-BICS 2023) Book Launch and Author Meet and Greet Ceremony	15	Ashra-e-Seerat Un Nabi (PBUH) Seminar on Breast Cancer Awareness An Interactive Session on Self Learning & Earning
3	CuCoM-2024 World Teachers' Day Non-formal Education Setup	16	Visit to Syntronics Limited Hattar, Haripur CUST signs MoU with Aero Vision Department of EE & Computer Engineering visited Teresol
4	Training of Trainers conducted in collaboration with WHO Seminar on Global Cultural Diversity Day Visit of Country Director, Huawei CCSC	17	World Peace Day Seminar on Entrepreneurship for Engineers CUST signs MoU with Al-Qawi Steel Industries
5	Seminar on The Need for Professional Integrity Seminar on Islamic Banking and Finance Seminar on Managerial Affairs	18	Seminar on UN Sustainability Development Goals (SDGs) Pharma Spark Society conducted a Cleanliness Drive Faculty of Pharmacy organized CUST Fest
6	Visit to Dunya News Media House Seminar On Personal Management & Grooming International Poverty Eradication Day - Awareness Walk	20	Faculty of Pharmacy arranged Hospital Training for Students Industrial Visit to National Incubation Centre of Aerospace and Technology
7	CUST Signs MoU with Character Education Foundation SPELL Drama Club organized a Theatre Showdown Management of Homeopathy in the Field of Psychology A Mock Trial Event entitled 'Courtroom Showdown'	21	A site visit to Steel Trusses, CUST Industrial Visits to the Bestway Cement Production Plant
8	Progress Review of R&D Funded Projects Crafting a Path to Personal and Professional Brilliance The Art of CV and Cover Letter	23	CUST ICONS - Dr. Imtiaz Ahmad Taj
9	SPELL organized Literary Trivia Seminar on Ethics in Teaching	25	CUST ICONS - Dr. Imran Riaz
10	Department of English celebrated World Teachers' Day The Art of Recycling	27	CUST SHINING STARS - Laiba Hashmi
11	Global Media and Information Literacy Week Seminar on Advance Behavioral Therapy	28	SOCIETY IN FOCUS - PHARMA SPARK SOCIETY
12	CUST Girls Club arranged a Naat Competition FM Session on Polio Awareness Day	29	CLUB IN FOCUS - CUST Occupational Safety & Health Club
13	Science Olympiad Pharma Spark society organized a Bird Feeder Event	29	SPORTS NEWS

Patron

Prof. Dr. Muhammad Mansoor Ahmed

Chief Editor

Dr. Muhammad Umar Farooq

Editor

Mr. Muhammad Aneeb Fazal

Members

Dr. Samina Rashid

Dr. Erum Dilshad

Ms. Maria Mashkoor

Ms. Nitasha Gohar

Mr. M. Musharaf

Mr. M. Nauman Shaukat

Ms. Naveeda Haq

Ms. Farrah Iqbal

Graphic Designer

Taaruf Ullah Khawari

Capital University of Science and Technology, Islamabad held its 19th convocation on December 14, 2023 at Jinnah

The Chief Guest, Prof. Dr. Mukhtar Ahmed, in his keynote address emphasized the crucial role of education in a

and Muhammad Usman Anwar Baig in the field of Human Resource Management. Shahid Shafiq, Ahmed, Qamaruddin, Asif Mehmood Khan, Ahmed Bilal Mehmood, Abrar Hussain Hashmi, Hafiz Muhammad Yasir Naeem, Zohaib Latif, Sidra Ghayour Bhatti, Mukhtiar Bano, Muhammad Shahid Shafiq, Osa-

CONVOCATION 2023

Convention Centre, Islamabad. A total of 1075 graduates received degrees in various disciplines including Management Sciences, Electrical Engineering, Civil Engineering, Mechanical Engineering, Computer Engineering, Engineering Management, Project Management, Computer Science, Software Engineering, Bioinformatics, Biosciences, Biotechnology, and Microbiology. Mian Amer Mahmood, the Chancellor, CUST, chaired the convocation. Prof. Dr. Mukhtar Ahmed, the Chairman, Higher Education Commission, Pakistan was the Chief Guest and Mr. Syed Ahmed, the CEO, DPL and a notable IT professional was the guest of honour.

Prof. Dr. M. Mansoor Ahmed, the Vice Chancellor, CUST in his welcoming address to graduates declared the event a significant milestone in their lives. He congratulated them for their outstanding achievements and mentioned university contribution towards higher education. He was hopeful that the graduates would contribute to country's scientific and technological development through their ability, dignity, determination, and commitment. Dr. Mansoor also commented that education plays a vital role in economic development of a country to raise the productivity and efficiency of individuals, thus, produces skilled manpower that is capable of leading the economy towards the path of sustainable economic development. He also pointed out that CUST has earned a prominent position by emphasising R&D activities and its graduate programmes.

country's economic development. According to him, education improves an



individual's productivity as well as efficiency and produces skilled manpower crucial for leading the economy towards sustainable development. He acknowledged the nation's daunting challenges. We must strive to find viable solutions to our myriad problems, acting as an educated nation to demonstrate our abilities in meeting the challenges of the high-tech era.

In the convocation 35 graduates were awarded PhD degrees; including 10 in the field of Management Sciences, 12 in the field of Engineering, 10 in the field of Computing, 02 in the field of Mathematics, and 01 in the field of Biosciences.

Among graduates who received PhD degrees were: Sumaira Andleeb, Iftikhar Ali Janjua, Umer Niaz, Natasha Zahid, Asad Ali Jaffari, Zia ul Islam and Muhammad Aksar in the field of Finance, Muhammad Asad, Gulfam Murtaza

ma Bin Islam, Rizwan Sabir in the field of Engineering. Kashif Nasr, Nadeem Fakhar, Muhammad Saboor Ahmed, Asif Muhammad, Raabia Mumtaz, Raja Muhammad Waqas Ahmed, Sajjad Haider, Saif Ullah, Lubna Zafar, Jawad Usman and Arshad in the field of Computer Science. Tahir Sajjad Ali and Muhammad ur Rehman Siddique in the field of Mathematics. Fakhra Nazir in the field of Bioinformatics.

CUST awarded Academic Excellence Medals to its outstanding graduates at the ceremony. A total of 64 medals were given, including 30 Gold, 17 Silver, and 17 Bronze, to those who ranked 1st, 2nd, and 3rd in their respective degree programs. Additionally, the 'Jinnah Gold Medal' was bestowed upon Laiba Hashmi, BS Biotechnology student for her distinguished performance in both curricular and extracurricular activities.



11th INTERNATIONAL CONFERENCE ON BIOLOGICAL AND COMPUTATIONAL SCIENCES (C-BICS 2023)

The Department of Bioinformatics and Biosciences organized 11th International Conference on Biological and Computational Sciences (C-BICS 2023) on October 28, 2023. The objective of the conference was to provide a platform where researchers and practitioners in the field of Bioinformatics and Biosciences could meet and share their experiences. The conference witnessed an active participation of Bioinformatics and Biosciences community from across the country. Inaugural ceremony was hosted by Ms. Minal Zaka and recitation by Mr. Abdullah Kiyani. Session was followed by welcome note of Dean, Faculty of Health and Life Sciences, Prof. Dr. Sahar Fazal. She highlighted the importance of biological sciences and various research areas of advanced biological sciences. She identified various gaps which needed to be explored by Immunologists, Microbiologists and Biotechnologists.

Guest of honour Prof. Dr. M. Mansoor Ahmad, focused on the contribution and achievements of CUST in life sciences research. Guest of honour, Prof. Dr. Muhammad Mukhtar, Vice Chancellor National Skills University, Islamabad shared his experiences. At the end of inaugural session worthy Chief Guest,

Prof. Dr. Shahid Mahmood Baig, Chairman Pakistan Science Foundation, Islamabad enlightened the audience with opportunities and constraints of research in Pakistan. The second session was designated for the expert talks which were delivered by Dr. Khalid Farouk; HoD Urology and Kidney Transplantation; Dr. Muhammad Haseeb, Senior Scientist S & K therapeutics, Korea;

135 participants and guests attended the conference; 32 oral presentations were delivered in 4 sessions. During poster session, 27 posters from externals and CUST research students were presented. Participants came from various universities from all over Pakistan. In concluding session Mr. Moin ul Haq recited the Quranic verses. Followed by a brief overview by Dr. Marriam Bakhtiar



Dr. Nosheen Akhtar, NUMS, Islamabad, Dr. Amjad Ali, HoD Industrial Biotechnology, NUST; Islamabad, Dr. Sabika Firasat, (Quaid-i-Azam University, Islamabad), Dr. Massab Umair, Senior Scientific Officer and In-charge Virology National Institute of Health. A total of

Head of Department which enlightened the audience with a refreshing and inspiring talk. Shields were presented to position holders and organizing committee members before formal closure.

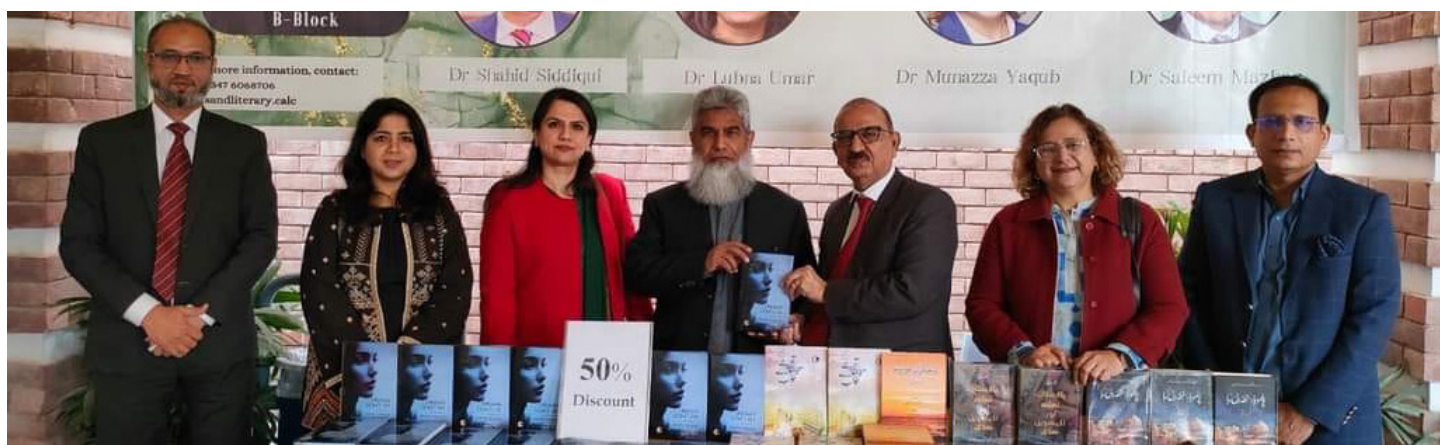
CUST Art and Literary Club organized a book launch and author meet and greet ceremony on December 22, 2023. Dr Shahid Siddiqui, the author of the novel 'Dreams Don't Die' read excerpts from his book. The book is translated by Dr

Lubna Umar, who was also present to celebrate the occasion. At the end, Prof.

and Prof. Dr. Munazza Yaqub enlightened the audience with their invaluable

Book Launch and Author Meet and Greet Ceremony

Dr. Saleem Mazhar, guest of honour, comments.



Annual Mathematics Conference CuCoM-2024

The Annual Mathematics Conference 'CuCom' was convened at the Capital University of Science and Technology on January 13 2024. The event gathered esteemed mathematicians and scholars from diverse backgrounds to



exchange insights and discoveries in various mathematical disciplines. The event provided a platform for intellectual discourse, fostering collaboration and innovation within the mathematical community. Prof. Dr. Muhammad Shar-

if, a luminary in the realm of General Relativity and Cosmology, delivered a thought-provoking address elucidating his extensive research contributions. Dr. Abdul Rehman Kashif, an authority in the study of spacetime symmetries and celestial mechanics, captivated the audience with his profound insights into the N-body problem and restricted multi-body systems. Dr. Azad Akhter Siddiqui, a distinguished professor

at NUST, presented cutting-edge research findings in the realms of general relativity and cosmology. Dr. Atta Ullah, an emerging scholar in the field of mathematical cryptography, provided an illuminating overview of his re-

search endeavors focused on designing nonlinear components for block ciphers. His presentation shed light on the pivotal role of mathematics in safeguarding sensitive information in the digital age. Dr. Muhammad Asad Zaighum, Head of the Department of Mathematics and Statistics at Riphah International University, delivered a comprehensive overview of his research interests encompassing harmonic and functional analysis.

In addition to the keynote presentations, the conference featured interactive lectures covering a wide spectrum of mathematical topics, ranging from theoretical physics to applied cryptography. Participants actively engaged in dialogue exchanged ideas, and fostered collaborations to address contemporary challenges and propel mathematical research forward. At the end, as a gesture of appreciation for the esteemed guest speakers and the active participation of all attendees, Dr. Muhammad Sagheer, the Head of the Department of Mathematics, took the stage to present shields to the esteemed guest speakers and participation certificates to the participants.

World Teachers' Day

On the occasion of Teachers' Day, October 5, 2023, Pharma Spark Literary Club, in collaboration with the Faculty of Pharmacy, arranged a heartwarming



event to express gratitude and appreciation towards dedicated educators. The event brought together the entire teaching faculty from the Faculty of

Pharmacy. The participants, including both teachers and students, displayed immense interest and camaraderie during this compact yet memorable celebration of Teachers' Day. The event began with a heartwarming tribute through poetry by the host, setting a warm and appreciative tone for the day. Following this, a special video was played to express gratitude and salute teachers highlighting their significant role in a student's journey.

Afterward, the esteemed Dean of the Faculty of Pharmacy, Dr. Muzaffer Abbas, was invited to the stage to share his thoughts and reflections. The event was culminated with a joyous cake-cutting ceremony where all the teachers came together on stage to cut the cake. It was a moment of unity, shared laughter, and a delicious treat, signifying a sweet bond between students and their teachers.

READ Pakistan in Collaboration with CUST Plans a Non-formal Education Setup

Ms. Fatima Gilani, CEO, READ Pakistan Foundation and her team member Ms. Ummy Habiba visited VIS Directorate-CUST on November 6, 2023 to discuss the ways of collaboration specially measures to strengthen mechanism for imparting informal education to street children. This marks the second round of discussions with READ Pakistan. Upon approval from the competent authority, VIS Directorate will sign the MOU by visiting the foundation.



Training of Trainers conducted in collaboration with WHO

The Training of Trainers initiative under Strategic Pillar-6, expanding civic engagement, workshop in collaboration with WHO, Pakistan was held at the Department of Psychology. The trainer, Ms. Maimoona Saadi, Technical officer, WHO conducted a training on Psychological First Aid, where faculty was equipped with skills to reduce stress symptoms and assist in a healthy recovery following a traumatic event, natural disaster, public health emergency, or even a personal crisis. In addition, NRPU- HEC funded workshop on 'Guided self-help intervention' for enhancing mental health and well-being was also conducted. Dr. Sabahat Haqqani, Project lead, trained the

staff on how to deliver the intervention for the targeted population along with

edge on the subject matter. At the end of the session, a shield was awarded



conducting self-help activities. Both workshops provided hands-on knowl-

to the trainer as a token of appreciation from the institution.

The Department of Psychology organized a social event to celebrate Glob-

was to to raise awareness and acceptance of multiple cultures within Pa-

Seminar on Global Cultural Diversity Day



al Cultural Diversity Day on January 4, 2024. The main objective of the event

kistan and around the globe with an intention to promote mutual harmony

and peace in the modern era primarily, among students who will be the future builders. Furthermore, it included an aspiration to provide the awareness of pluralism to worldwide audience and highlight the importance of co-existence in contemporary period. This event was not a celebration of traditions only but also a profound exploration of shared values and interconnectedness. It reinforced the belief that despite our cultural distinctions, we are all threads in the intricate fabric of humanity and by weaving together the colours of all diverse cultures, we create a tapestry that is richer, vibrant, and undeniably beautiful. Such immersive experiences not only highlight the diverse aspects of indigenous and international cultures but also underscore the importance of preserving and appreciating our global heritage.

Visit of Country Director, Huawei Cloud Community Services Community

A team from Huawei Cloud Services Community, Pakistan, visited CUST on February 15, 2024 to discuss the potential collaboration avenues with ORIC. The delegation included Mr. Ishfaq Hussain (Head, Huawei Cloud Community, Pakistan) and Mr. Lee Wenbo (Director, Ecosystem Development Cloud Business Group, Pakistan). The meeting participants deliberated over the



probable collaboration areas like Workshops/Training, Seminars, Students' Placements, Pre-Seed Funding etc. Dean ORIC asked about the possibility of Boot camps/Training/Courses for CUST faculty/students, and inclusion of Courses on Huawei Cloud Services in syllabus. It was agreed to start with the Kick Off Sessions for students at CUST, starting from March, 2024.

Seminar on The Need for Professional Integrity

The seminar titled 'The Need for Professional Integrity' was organized on December 26, 2023, under the supervision

Member ASHRAE, International Solar Energy Society ISES was the guest speaker. Mr. Saad informed the stu-

only involve themselves in righteous actions. In situations of extreme bewilderment, e.g., a person being asked to destroy the information that implicates someone they are friends with, moral integrity helps people do the right thing. He further highlighted that at workplace integrity is of great importance because when we operate with integrity, we win the trust of other people, especially those we work with closely. Highlighting the bad outcomes at workplace due to absence of integrity, Mr. Saad pointed out that employees feel demotivated and question the fairness of the organization. After the Q&A session, Ms. Maria Mashkoor thanked the speaker and presented him a souvenir.



of Ms. Maria Mashkoor. Mr. Muhammad Saad-ul-Haq, Manager HULT Prize and

dents that integrity gives people moral and ethical clarity, ensuring that they

SEMINAR

Islamic Banking and Finance

The Department of Management Sciences organized a seminar on Islamic Banking and Finance. Mr. Ikram Ullah addressed the banking, Islamic banking and conventional banking and the role of financial intermediation and factors of production. He also discussed the Islamic banking in the light of Quran o Sunnah. Moreover, the alternative ways of conventional banking and Islamic guidelines for transactions were

discussed in detail by the speaker. It was very interactive session where stu-

the audience and took their views on Islamic banking. The seminar concluded



dents asked questions regarding Islamic banking in current era. The resource person also asked the questions from

after a detailed questions and answer session.

The seminar titled 'Managerial Affairs' was held on November 1, 2023 to inform graduating students about the current developments in business

team members or employ managers for particular firms and for each firm, create precise, measurable, achievable, relevant, and time-bound (SMART) goals

on progress. He stated that particular time periods were allotted to each firm which always helped in concentration and prevented any of them from being overlooked. He also stressed on giving managers decision-making authority as trusting team members helps one to concentrate on high-level strategic planning.

Seminar on Managerial Affairs

management that are transforming the working landscape. Mr. Waqar Ahmad Sahi, Advocate High Court, Owner of Fortress Marquee, Green Acres, Moot Law Foundation, was the featured speaker. He discussed how he runs his different businesses. He shared some advice on how to efficiently manage one's different businesses. He advised identifying the most important tasks and how to concentrate on them. Delegate less vital responsibilities to trustworthy

as this promotes clarity and aids in decision-making. He emphasized the importance of technology and software in streamlining processes, managing budgets, tracking goods, and monitoring performance which can help save time and decrease physical labor. He also highlighted the need for constant communication with managers and teams across all industries to ensure that everyone was on the same page with the goals and received regular updates



Department of English arranged a Visit to Dunya News Media House

Students from the Department of English visited Dunya News Media House to celebrate 'Global Media and Information Literacy Week' on October 23, 2023. During the visit, the students were exposed to different operations of global media and the process of disseminating information. They were shown the studio to gain insights into the use of technology, and experience the fast-paced environment of a newsroom. Furthermore, a Q/A session was also held in which students got the opportunity to ask questions and seek ad-

vice from media professionals, enhancing their knowledge of potential career

with invaluable insights into the field of media and journalism.



paths. The event provided the students

SEMINAR ON

Personal Management & Grooming

The Society of the Department of Accounting and Finance (SAFE) arranged a one-day seminar on December 19, 2023, with a focus on the theme 'Importance of Personal Hygiene and Professional Grooming'. Ms. Mahwish



Iram coordinated the seminar for the students of Accounting and Finance program, specifically for those studying the course 'Personal Management & Grooming'. The session was led by Ms. Sania Rehman, the Marketing Administrator at Bannu Woolen Mills. Overall, the seminar provided an interactive experience and served as a valuable hands-on learning opportunity for the participants.

ORIC arranged Training for FHLS on Intellectual Property and Commercialization

Office of Research, Innovation and Commercialization (ORIC) in collaboration with Faculty of Health and Life Sciences (FHLS) organized a 'Training Session on Intellectual Property Rights and Commercialization' on December 27, 2023. The purpose of the workshop was to apprise faculty members about various types of Intellectual Property Rights and potential Commercialization Strategies. Intellectual property Rights refer to the legal rights given to the inventor/creator to protect his invention or

creation for a certain period of time. The workshop was conducted by Mr. Jahanzeb Sarwar Malik, Manager (Innovation & Commercialization, ORIC, CUST).



International Poverty Eradication Day - Awareness Walk

On October 17, 2023, an awareness walk was organized by Ms. Rabia Habib, Department of Management Sciences, to commemorate International Poverty Eradication Day. This event underscored the shared responsibility and individual commitment to uplifting the most vulnerable in community, leaving no one behind. Aligned with Sustainable Development Goal 1 - No Poverty, the walk was a testament to our dedication to building a more equitable future. This

significant event aimed to demonstrate our solidarity with those less fortunate, emphasizing the need for collective ac-



tion to alleviate poverty. The event was a significant step in educating students about the complexities of poverty, enabling them to identify the issues that require their attention and engagement. It fostered an understanding that poverty not only hinders economic growth but also erodes social cohesion, leading to increased political and social tensions and, in some cases, contributing to instability and conflicts. This awareness walk was orchestrated to emphasize

the significance of addressing poverty and the role that each of us can play in combating this global challenge.

CUST Signs MoU with Character Education Foundation

CEO Mr. Nisar Ahmed Sabir and Head HR Mr. Saif Mir of Character Education Foundation visited VIS Directorate on



October 26, 2023, and signed an MoU. Mr. Rizwan, President of Al Khidmat North Punjab, also attended the signing ceremony. Prior to the ceremony, a detailed introduction of VIS-CUST was provided to both organizations.

SPELL Drama Club organized a Theatre Showdown

On October 17, 2023, an awareness walk was organized by Ms. Rabia Habib, Department of Management Sciences, to commemorate International Poverty Eradication Day. This event underscored the shared responsibility and individual commitment to uplifting the most vulnerable in community, leaving no one behind. Aligned with Sustainable Development Goal 1 - No Poverty, the walk was a testament to our dedication to building a more equitable future. This significant event aimed to demonstrate our solidarity with those less fortunate, emphasizing the need for collective ac-

tion to alleviate poverty. The event was a significant step in educating students about the complexities of poverty, enabling them to identify the issues that require their attention and engagement. It fostered an understanding that poverty not only hinders economic growth but also erodes social cohesion, leading to increased political and social tensions and, in some cases, contributing to instability and conflicts. This awareness walk was orchestrated to emphasize the significance of addressing poverty and the role that each of us can play in combating this global challenge.



Seminar on Management of Homeopathy in the Field of Psychology

The seminar titled 'Management of Homeopathy in the Field of Psychology' was organized on December 11, 2023. Mr. Umer Mahmood Abbasi, Principal Medical Officer, Classical Homoeopathic Clinic, was the guest speaker. The seminar helped students make a connection between homeopathy and psychology. Mr. Umer highlighted that in psychology, management is important for providing effective therapy, diagnosing mental health conditions,

and helping individuals improve their



emotional well-being. In homeopathy, management is crucial for selecting the

right remedies and creating personalized treatment plans to support the body's natural healing process. These fields aim to provide comprehensive care and promote overall health and holistic well-being. Both approaches offer unique perspectives and techniques to support individuals in their journey towards optimal health. After QA, the event concluded with presenting souvenir to the guest speaker and a thank you note.

Capital Arts and Literary Club organized a Mock Trial Event entitled 'Courtroom Showdown'

The Capital Arts and Literary Club, organized a mock trial event entitled 'Courtroom Showdown' on October 19, 2023, wherein participants got to step up and display their critical thinking and civil argument skills in a case based on the real historical account of Bhagat Singh's execution. Two teams partook in the event- defense and prosecution, siding with the Indians and the pre-partition British Government of the subcontinent respectively. The event was full of witty remarks and counter remarks, and a vibrant back and forth between zeal-

ous students with a passion for con-

structive debate.



Visit of NESCOM Officials for Progress Review of R&D Funded Projects

A delegation from National Engineering and Science Commission (NESCOM), Islamabad visited CUST on February, 15 2024 for Final/Interim Progress Review of RAC Collaborative Research Projects. The projects were thoroughly evaluated by reviewers, and after a detailed examination the reviewers gave satisfactory remarks about the projects. The reviewers also suggested few recommendations for ongoing project to complete it on time, and assured the relevant guidance from the respective NESCOM Co-PI. The representative of HRD Department requested ORIC to

share the Projects Completion and Interim Reports, and Source Codes with

NESCOM, which ORIC shared thereafter.



The seminar titled 'Inspirations from Seerat e Rasool: Crafting a Path to Per-

sonal and Professional Brilliance' was organized on December 27, 2023. Mr.

Inspirations from Seerat e Rasool:

Crafting a Path to Personal and Professional Brilliance

sonal and Professional Brilliance' was organized on December 27, 2023. Mr.



Abdul Rehman Siddiqui (Seerah Manager at Al-Burhan Organization) and

were the guest speaker. Starting the session, Ustad Bilal guided students that while bodily needs can be met using our brain's capabilities, however brain can't provide all the answers to give our soul what it requires. For the soul we have Islam, and Islam is mainly Quran, Hadees, and then the actions of Prophets (peace be upon all of them). Mr. Abdul Rehman Siddiqui added to the session by emphasizing that self-accountability and correction are the first steps towards true success. Hazrat Muhammad (pbuh) is the only one truly de-

serving of being idealized and followed every day. The more someone loves the Holy Prophet (pbuh) the more he keeps in mind the Prophet's (pbuh) likes and dislikes in his daily actions. To purify the soul, we need to work on it. We need to make efforts to protect ourselves from exploiting resources, lies, injustice, inequality, etc. Lastly, both guest speakers concluded that Islam is comprehensive. If there is anything that has not been directly addressed in the Quran even then there are teachings in it that can be used for every single case. We just need to know how to use the knowledge for ourselves. After the Q&A session, Ms. Maria Mashkoor presented the guest speaker with a souvenir and delivered a thank you note.

The Society of the Department of Accounting and Finance (SAFE) organized a seminar on 'Empower Your

awareness regarding 'CV/Resume Building: the first step leading towards your first job'. The seminar focused on

and consideration for a scholarship or fellowship. The trainer was Ms. Asma Naz, Lecturer, CUST. Overall, it was an interactive session and proved to be a great source of knowledge for the participants in their personal and professional life.

Empower your Career: The Art of CV and Cover Letter

Career: "The Art of CVs and Impactful Cover Letters" on January 2, 2024. The purpose of the session was to raise

how to market one's skills, accomplishments and experiences for employment, admission to graduate school,

Seminar on

'Ethics and Communication Skills'

The Society of the Department of Accounting and Finance (SAFE) organized a seminar on 'Ethics and Communication Skills' on December 29,

2023. The session focused on how Ethical communication refers to passing information between two parties in a manner that is accurate, truthful, and acceptable. The aspects it focused on were introduction to ethics and communication skills and significance of communication skills. The Session was organized under the theme of "soft skill

management" by Ms. Saddaf Adalat for the students of BS Accounting and Finance. The trainer was Ms. Snobar Naseer, Associate Lecturer, CUST. Overall, it was an interactive session and proved to be a great source of knowledge for the participants in their personal and professional life.

SPELL organized Literary Trivia

On December 12, 2023, SPELL, under the umbrella of Department of English organized a literary trivia event where-in participants showcased their literary knowledge. The three thrilling stages of the Literary Trivia were: Guess the Book by Its Cover, Riddle Me This, and Trivia Time! The 1st position was achieved by Laiba Ali and Maryam Anwar. The 2nd position was achieved by Ayesha Ghaffar and Aansa Qamreen. The 3rd position

was achieved by Kabsha and Hira Manzoor. All the winners were from the Department of English. This remarkable event was orchestrated in collaboration

with the esteemed faculty members of the Department of English and the dedicated team members of SPELL.



The seminar titled 'Ethics in Teaching' was organized to inform the students

er who informed the students that in the dynamic landscape of education,

Seminar: Ethics in Teaching



about the ethics in teaching. Professor Naeem Akhtar was the guest speaker

where educators play a pivotal role in shaping the minds and values of future

generations, it becomes imperative to delve into the ethical considerations inherent to the teaching profession. Exploring the ethical dimensions of teaching not only raises awareness but also equips educators with the tools to navigate complex ethical dilemmas, ensuring a positive and impactful learning experience for both teachers and students. He also explained that how teachers were more responsible for ethical development of their students than the scholars because the teachers interact more with the students and the class environment was an advantage, so the teachers should be kind and polite towards the students. After the Q&A session, Ms. Maria Mashkooor thanked the speaker and presented him with a souvenir.

Navigating Your Path: From Mental Health to Career Fulfillment

The Department of Psychology hosted a transformative seminar and Career Assessment Camp titled 'Navigating Your Path: From Mental Health to Career Fulfillment'. The event provided a comprehensive insight into the intersection of mental health and career choices, guiding attendees through a journey of self-discovery and empowerment. Dr. Hanif's expertise illuminated the intricate relationship between mental well-being and professional fulfillment, offering invaluable strategies for harnessing strengths, overcoming obstacles, and aligning personal passions with career trajectories. Through interactive sessions and personalized career assessments, participants

gained a deeper understanding of their aptitudes, interests, and values, paving the way for informed career decisions. The seminar fostered an atmosphere

concluded with an engaging Q&A session, fostering valuable discussions among attendees and the expert. Moreover, the event also provided an oppor-



of learning, introspection, and practical guidance, leaving attendees equipped with the tools to navigate their paths towards holistic success. The seminar

tunity to students across university to have a thorough assessment of their career aptitude through standardized assessment tools.

Department of English celebrated World Teachers' Day

On October 05, 2023, in celebration of World Teachers' Day, SPELL society arranged an activity to appreciate the worthy teachers. Standees were set up as a backdrop, and students wrote heartfelt messages on sticky notes, each note representing their gratitude and affection for their teachers. These notes were carefully collected and placed in envelopes with each teacher's name, ensuring that the sentiments of appreciation reached their intended recipients. This special gesture served as a moving tribute to the invaluable role

our teachers play in guiding us on our educational journey, and it made World

Teachers' Day 2023 a truly memorable occasion.



Seminar: The Power of Positive Mindset: Cultivating Resilience & Thriving

The seminar titled 'The Power of Positive Mindset: Cultivating Resilience & Thriving' was organized on October 17, 2023, under the supervision of Ms. Maria Mashkoo. Mr. Atif Rashid, Financial Strategic Advisor at Environment Canada was the guest speaker. He is also a cancer survivor and an amputee, having undergone many life trials, he is dedicated to empowering individuals to conquer challenges and live their best lives. He guided students that a positive mindset can help combat feelings of low self-esteem, improve physical health, and help brighten their overall outlook on life. Citing recent research,

he informed that a positive attitude im-



proves outcomes and life satisfaction

across a spectrum of conditions—including traumatic brain injury, stroke, and brain tumors. His key message was to develop a positive mindset that would enable one to have the power to rise above obstacles and hardships. To develop this perspective, he gave tips for changing perspectives, i.e. smiling and being kind to others, practicing self-compassion, not taking things personally, and being happy for others. After the Q&A session, Ms. Maria Mashkoo presented the guest speaker with a souvenir and delivered a thank you note.

The Department of Psychology organized an event "Art of Recycling" in

per, glass bottles and cardboard they made unique crafts. The everyday items

Department of Psychology organized an event 'The Art of Recycling'

collaboration with Directorate of Sustainability and Education (DSE) on December 27, 2023. The purpose of organizing a recycling event was to raise awareness about the importance of recycling and its positive impact on the environment. The students created innovative and creative items by recycling various materials like plastic, paper, glass bottles, cardboards, and plastic bottle caps. They turned plastic bottles into innovative planters or bird feeders, created beautiful artwork, lamps, pen holders, using recycled pa-

were transformed into something new and meaningful. The students displayed their recycled products/ items on tables and faculty of psychology department, Directorate of Sustainability and Education (DSE) and Director ORIC visited to see their creativity. The faculty members and students from other departments also visited student tables to see their creativity and also sought knowledge about importance of recycling and its positive impact on both our environment and mental health. The students were asked about their purpose of re-

cycling. At the end, all the participants were appreciated for their artistic talent and the efforts in reducing waste in order to protect our environment. The University should organize such events to raise awareness among students about



the importance of recycling and its positive impact on the environment.

Awareness Walk: Global Media and Information Literacy Week

Students from the department of English participated in an awareness walk on October 24, 2023 to spread awareness on the evaluation of the sources of information in media and fact-checking with full zeal and participation. The event focused on the importance of sharing true information as media create huge

impact on masses. This awareness walk was orchestrated to emphasize the significance of understanding the difference between fact and opinion and how they can be identified. The walk ended with a thankyou note from the organizers to all the participants.



Seminar: Mastering Oneself is True Power

A seminar was organized by the Department of Accounting and finance on topic of 'Self-Management: Mastering Oneself is True Power' on December 28, 2023. The resource person was Ms. Sadaf Zeb from the Department of Psychology. The aim was to impart knowledge to the students about self-management skills and their importance in various contexts like handling everyday responsibilities, enhancing

workplace efficiency, and accomplishing professional goals. The resource person elucidated the significance of self-management in terms of regulating thoughts, emotions, behaviour, and its effectiveness in organizing tasks. She also emphasized the significance of self-management skills, such as a healthy lifestyle, self-motivation, planning, self-awareness, time management, stress management, and the

utilization of a time management matrix. Further, she provided guidance on developing skills for managing oneself and how to deal effectively with others. At the end, the resource person initiated a discussion on diverse ways that students might employ to effectively handle their tasks in different situations. Following the session, students participated in several exercises pertaining to self-management.

A seminar on Advance Behavioral Therapy was held on December 8, 2023. The Guest speaker was Ms. Sadaf Arif, Clinical Psychologist and Associate Applied Behavior Analyst at Shifa International Hospital Islamabad. The guest speaker talked about various techniques and underlying principles of Behavioral

multiple questions that were addressed in a very effective way by the presenter. Ms. Sadaf also conducted a Behavioral Activation exercise. Students seemed very enthusiastic being a part of that activity. The guest speaker also suggested multiple fields to students in Behavioral Analysis in which they can peruse their

Complex Engineering Activity

On January 19, 2024, the students of the Mechanical Engineering department engaged in a complex engineering activity as part of their Mechanics of Materials-I course. This hands-on experience involved constructing a tensegrity structure, leveraging concepts studied in their Mechanics of Materials-I course. Tensegrity systems, with their interconnected elements of tension and compression, offer a dynamic perspective on load distribution and stability. This practical application not only deepens their understanding of structural mechanics but also highlights the interdisciplinary nature of engineering, bridging theoretical knowledge with real-world challenges.

Seminar on Advance Behavioral Therapy

Therapy. She thoroughly engaged the students throughout the session. Students were also very enthusiastically involved in the session. They asked

careers. The Seminar ended with a vote of thanks and presentation of Certificate to the guest by Ms. Aysha Aneeq.



A Discussion on Decorousness: propriety in manners and conduct

On January 1, 2024, the CUST Girls Club organized a discussion on decorousness: propriety in manners and conduct. The aim of this discussion was to make students aware of dignified propriety in conduct, manners, appearance, and character. Three speakers were invited to give their two pennies on the topic: Dr. Sahar Fazal, Dr. Marriam Bakhtiar, and the patron of CGC,

Dr. Dur-e-Shehwar Sagheer. The event started off with recitation from the holy Quran, then proceeded with talks from the speakers, and at the end there was an interactive question and answer session where students were able to voice their thoughts and questions. At the end, the president and two team heads of CGC presented shields to the respected speakers to conclude the

event.



CUST Girls Club arranged a Naat Competition

CUST Girls Club held a Naat Competition on November 3, 2023, under the supervision of Dr. Dur-e-Shehwar Sagheer. The competition began sharp at 3:00 p.m. after the arrival of the esteemed judges, Dr. Mariam Bukhtiar and Ms. Shahgul. The divine event started with the recitation of Quranic verses and durood sharif in chorus. Twenty contestants took part in this ce-

lestial competition. Melodious voices of the students held the hall spellbound and made the mehfil more spiritual and a source of inspiration. At the end, Dr. Marriam and Ms. Shah Gul presented the Shields to the winning students. Dr. Dur-e-Shehwar Sagheer thanked the judges and presented them with shields. The soulful gathering ended with reciting Dhood-o-salaam and offer-

ing dua for peace, progress, and prosperity not only for our own country but for the entire Muslim Ummah.



FM Session on Polio Awareness Day

Genix Society's Knowledge Dissemination Club organized an FM radio session on "Polio Awareness Day" on October 24, 2023, at CUST FM Studio. The session featured guest speakers Dr. Rizwana Ghani, an esteemed Bio-

chemistry expert and academic achiever, together with Dr. Asad Anwar, aimed at educating the participants about polio-virus disease. A comprehensive discussion covered the causative agent, signs, symptoms, incidence rates, and

preventive measures for polio. It was designed to engage a diverse audience to educate them to eradicating polio. Thus, it significantly contributed to Sustainable Development Goal 3: Good Health and Well-being, enhancing community awareness and knowledge to combat polio.



Department of Bioinformatics and Biosciences organized an event entitled 'The Clue Crew'

Genix Society, Department of Bioinformatics and Biosciences organized an event entitled 'The Clue Crew' on November 3, 2023. The event was set out to create an engaging and intellectually stimulating experience for its participants. The event aimed to champion the values of teamwork and problem-solving. Taking place on the campus premises, the hunt was carefully designed to challenge the minds of the participants while promoting a spirit of adventure. The central concept was that participants had to solve riddles and unearth hidden clues strategically placed throughout the campus. The outcomes of the Scavenger Hunt were quite evident as the participants progressively sharpened their critical thinking abilities, fostering a stronger sense of unity among team members. Through this event, they honed their

creative problem-solving skills which is an essential skill set in both academic and real-world scenarios. Although the event did not explicitly tie itself to specific Sustainable Development Goals

students can be seen as contributing to the Quality Education (SDG-04) and Partnership for the Goals (SDG-17) objectives. In conclusion, the Clue Crew successfully provided a platform



(SDGs), it inadvertently aligned with a range of these global targets. Notably, the emphasis on fostering intellectual development and collaboration among

for students to experience the best of both the worlds - a fun and educational team-building adventure.

Department of Bioinformatics and Biosciences organized Science Olympiad

Genix Society, Department of Bioinformatics and Biosciences organized an

"Science for the Betterment of Society". Dr. Bushra Jamil, the founder Director



event 'Science Olympiad' on November 10, 2023 to celebrate World Science Day. The main theme of the event was

of BJ Micro Lab, Dr. Shaukat Iqbal Malik, Professor at Department of Bioinformatics and Biosciences, CUST and

Mr. Sohail Aslam, the Director of Quality Operations at Global Pharmaceuticals were among the esteemed judges. The objective of this event was to give ideas on how science plays its role for the betterment of society. The event featured the students from 10 different educational institutes. They showcased more than 40 innovative models and posters. The participants who secured first, second and third position were awarded with cash prizes. The event complies with SDG 4 "Quality Education" as it provided a creative way to understand scientific processes. The posters and models showcased the incredible ways science can improve our society. The event was very inspiring because many young minds explored the positive impacts of science.

Pharma Spark society organized a Bird Feeder Event

Pharma Spark society organized a Bird Feeder event on October 6, 2023. The students made different bird feeders. A competition was held between the students for creating the best bird feeder based on creativity, durability and recyclability. The aim was to spread some positive vibes around by feeding the birds and turning it into a healthy

competition. All the bird feeders were installed on different trees in the campus which would be refilled after every two to three days to provide food and water for the birds. Dr. Muzaffar Abbas also joined the event and set up the bird feeders on trees. The entire event represented a positive initiative toward fostering a nurturing habitat for birds.

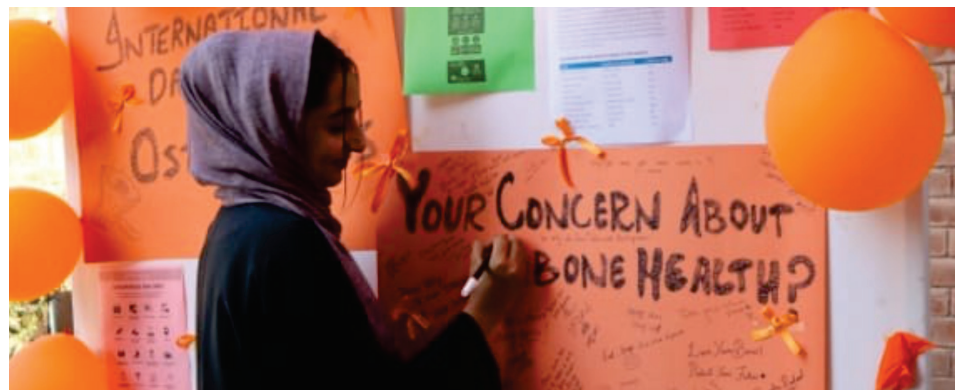


Department of Bioinformatics and Biosciences celebrated World Osteoporosis Day

Civic Engagement Club, Genix Society of the Department of Bioinformatics and Biosciences celebrated World Osteoporosis Day on October 20, 2023. The aim was to raise awareness about the growing disease i.e. Osteoporosis, focusing on true and validated facts and figures. An awareness desk was placed outside F Block where members of the Club sat and interacted with various people, raising awareness about Osteoporosis in the world, its causes and control strategies. Furthermore, lotus seed packets were distributed among all the faculties, a symbol of organic Calcium source to promote the usage of such sources as an alternative to artificially-prepared supplements. Through

this activity, SDG-03, Good Health and Well-Being, and SDG-04, Quality Edu-

spreading correct knowledge and information about the disease, as well as a



cation were targeted and successfully achieved. Thus, this awareness activity served to be a positive initiative towards

means of good-quality civic engagement.

World Smile Day

On October 13, 2024, the Genix Society, Department of Bioinformatics and Biosciences, hosted a university-wide

open event, with over 150 participants, aimed to celebrate World Smile Day by engaging the university students.



event on World Smile Day under the supervision of Ms. Taliha Ahmed. This

The primary aim was to spread happiness and joy throughout the university

community, ensuring that participants carried a lasting sense of positivity with them. Involving the entire university community, the event promoted a friendly and harmonious environment on campus. Two featured activities in the event included a vibrant wall adorned with yellow chart papers and white and yellow balloons, allowing attendees to write positive theme messages, quotes, stanzas, or compliments on smiley stickers. Another activity involved emoji sticks with smiley faces and quotes on the back, allowing students to capture joyful moments. The primary goal was to spread positivity and smiles across the campus, and the event successfully achieved this with enthusiastic student participation and a strong preference for the emoji sticks. Overall, the World Smile Day created a delightful atmosphere and fostered a sense of unity among university students through creativity and positivity.

Awareness Campaign on Pink Eye Infections at Daar-e-Arkam School

Pharma Spark Society arranged a visit to Daar e Arkam School on October 24, 2023 to spread awareness on Pink Eye Infections. The students actively got engaged with the presentation, and the teachers and staff were satisfied with the content. The interactive activity was well-received, and students learned

about pink eye infection, its causes, symptoms, prevention, and treatment. The team also received feedback from the students, enhancing their own knowledge and public speaking skills. Overall, it was a pleasant and informative experience for presenters and the audience both. A feedback session was

also conducted, allowing students to ask questions about the topic, which were answered by the presenters. The presentation concluded with the distribution of candies to the students, and the team thanked the students as well as teachers for their time and active participation.

Ashra-e-Seerat Un Nabi (PBUH): Interdepartmental Competition

Pharma Literary Club, Faculty of Pharmacy organized an interdepartmental competition with the aim of providing a platform for students to showcase their affection with the Prophet Muhammad (PBUH) and also their talents in front of their fellows. The event included naat, debate, quiz and model making competitions in which students were given the opportunity to prove their skills

within the given timeframe for naat, debate and quiz competitions where different questions were asked on the Seerah of the Holy Prophet in which students show their Knowledge about the Seerah. Model competition was also one of the best parts of this event. At the end, all position holders were awarded with shields and certificates.



Genix Society, Department of Bioinformatics & Biosciences in collaboration with Pharma Spark, Department of Pharmacy organized a seminar and Pink Ribbon ceremony on 'Breast Cancer Awareness' on October 6, 2023. Pink Ribbons were distributed among students and faculty members from Faculty of Pharmacy and Faculty of Health and Life Sciences as a symbol to raise awareness, support and solidarity, community building and reducing stigma. Dr. Yusra Talha, Doctor and Health Professional, Fellow of the College of Physicians and Surgeons of Pakistan

and affiliated with Pakistan Society of Chemical Pathologist was invited as guest speaker who educated about Breast Cancer. The purpose of the seminar was to raise awareness among

as BRCA1 and BRCA2), hormone replacement therapy, alcohol consumption, obesity, and certain reproductive factors were discussed along with stages based on the size of the tumor, the

Seminar on Breast Cancer Awareness

participants with the risks, symptoms, types, stages and early diagnosis of breast cancer and providing support to individuals and families affected by the disease. Several risk factors that can increase the likelihood of developing breast cancer like age, gender, family history, genetic mutations (such

extent of its spread to nearby lymph nodes, and whether it has metastasized (spread) to other parts of the body. The session concluded with a message emphasizing on early detection of breast cancer and providing support to affected individuals.



Department of Bioinformatics and Biosciences arranged an Interactive Session on Self Learning & Earning

The Department of Bioinformatics and Biosciences orchestrated a highly interactive session at FIC Nur Khan Base on Self Learning & Earning reflecting a commitment to advancing education and economic empowerment. Participants were enlightened on the role of self-earning through entrepreneurship and skill development in fostering economic growth. The session highlighted the connection between self-learning, acquiring practical skills, and creating

avenues for decent work. The interactive session on Self Learning & Earning strongly aligns with the United Nations SDG 4: Quality Education, and SDG 8: Decent Work and Economic Growth. By emphasizing self-directed learning, the session promotes lifelong learning opportunities, aligning with SDG 4's vision of inclusive and equitable education for all. Furthermore, the focus on self-earning underscores the pursuit of decent work and economic empower-

ment, aligning with SDG 8. By fostering a culture of self-improvement and entrepreneurship, the event contributes to building a skilled and adaptable workforce, essential for sustainable economic development. This initiative exemplifies the interconnectedness of education and economic empowerment in achieving the broader goals of the 2030 Agenda for Sustainable Development.

Visit to Syntronics Limited Hattar, Haripur

On December 23, 2023, a group of 26 students visited the Syntronics Limited

Valve sacks in the world. It was a great opportunity for engineering students to



ed Hattar, Haripur, which is the largest manufacturers of AD*STAR®, Polypropylene Laminated Block Bottomed

know the contribution of different technologies and sections also how the production of Laminated Block Bottomed

The Department of Mechanical Engineering orchestrated a special occasion,



sion, marked by the signing of a Memorandum of Understanding between CUST and Aero Vision (Pvt) Ltd. Over-

seeing the proceedings, Associate Professor Dr. Salman Warsi from the

Valve sacks is being managed. The lecture by Muhammad Mehdi Ali GM (Admin and Production) motivated the students who visited each section with more interest. The visit plan was brilliant as every group learnt about each section thoroughly. It was a complex and huge setup and dividing the students into groups made the visit more informative and safer. The workers of each section were well trained, so they all explained their sections by showing different inputs and outputs. Mr. Habibullah Khan (MQA), Mr. Sajjad Ahmad (Manager IT), Mr. Khizer Ishaq (QAO) and Mr. Ilyas (Manager Production Flexi) and their teams were a great support during the visit.

ing System supervised by Mr. Manzoor Masud, the lecturer and assisted by

CUST signs MoU with Aero Vision

Mechanical Engineering Department officially executed the MoU alongside Aero Vision's CEO, Engineer Aamir Majeed. Within this gathering, Aero Vision committed to providing financial and technical support for the Final Year Design Project (FYDP) dedicated to the group engaged in a project within the realm of Aerospace. The project is designing, fabrication and testing of a target drone and its Bungee Launch-

alumni Engr. Rafae Bin Nauman. During the meeting, the CEO of Aero Vision commended the students for their innovative thinking and determination to push boundaries in the pursuit of advancements in engineering. Furthermore, Dr. Salman Warsi expressed the company commitment to support the development of expertise in the field of aerospace through active collaboration on this project.

Department of Electrical & Computer Engineering visited Teresol

Faculty members from the Department of Electrical & Computer Engineering at CUST convened at Teresol's office on December 20, 2023, to deliberate on industrial feedback concerning Embedded Systems courses. Dr. M. Ashraf, Dr. Waseem Abbass, and Engr. Umer Maqbool met Dr. Mateen and Air Cdre Asim Adnan (R) from Teresol. Air Cdre Asim Adnan (R) recommended moving specialization courses to earlier semesters, bridging the gap between academia and industry with workshops, incorporating hands-on labs in MS courses, and proposing an industrial Master degree. These modifications aim to enhance student skills, align graduate studies with industry requirements, and foster a

practical comprehension of Embedded



Systems. The ECE department is excit-

ed about continuing to collaborate with Teresol to effectively implement these valuable recommendations with the goal of strengthening the partnership

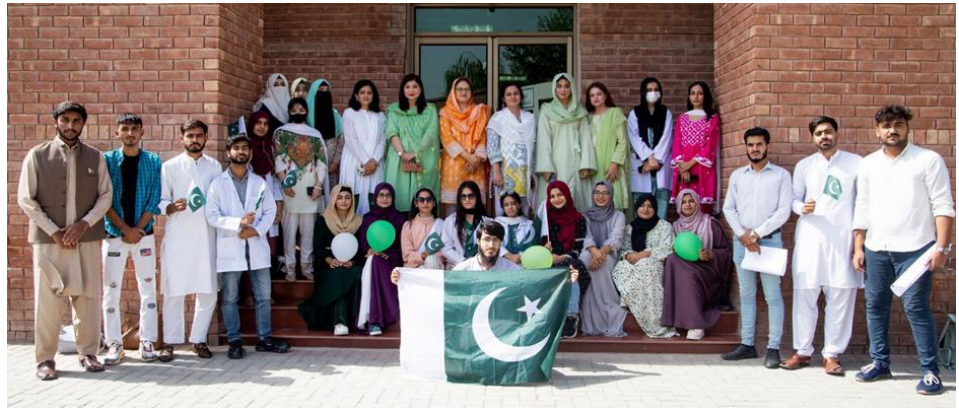
between academia and industry.

World Peace Day

The Faculty of Pharmacy celebrated World Peace Day on September 21, 2023. Students took part in the event by decorating board and desks with balloons that presented a beautiful picture of spreading peace around. Students also wrote different quotes on board about the event by giving message of keep smiling and spreading peace. They also took group picture with displayed posters on World Peace Day. At the end, group photo was taken which showed how beautifully the day was

celebrated by wearing green and white dresses and by holding the national flag

in which white color also represents peace.



Seminar on Entrepreneurship for Engineers

On October 10, 2023, CUST ASHRAE Student Branch and Al-Mohandis Student Society hosted a transformational seminar on 'Entrepreneurship for Engineers'. The event featured dynamic insights from Engr. Jawad Janjua, Director Operations of Al-Qawi Industries. From emphasizing the right talent for the job and innovative startup practices to advocate for 'Made in Pakistan', the attendees delved into the core of entrepreneurial success. Engr. Janjua's groundbreaking initiative 'Shaaor' connecting students with industry exper-

tise, was particularly inspiring, leading to over 80 students securing jobs after graduation. The seminar concluded with vote of thanks to the speaker, interactive students receiving rewards, and lively discussions among faculty members, marking a significant step toward fostering innovation and knowledge exchange at CUST. The seminar not only educated but also ignited the entrepreneurial spirit among the attendees, making it a resounding success in fostering innovation and knowledge exchange.



CUST signs MoU with Al-Qawi Steel Industries

Al-Qawi Steel Industries and the Department of Mechanical Engineering at CUST entered into a Memorandum of Understanding (MoU) to foster industry-academia collaboration and mutual cooperation. The MoU outlines several key areas of cooperation which include academic and industry collaboration as both the parties agreed to collaborate

on research, development, and innovation initiatives. This will involve sharing expertise, resources, and knowledge to address industry challenges and advance technological solutions. Another aspect is mutual cooperation projects where Al-Qawi Steel Industries and CUST will engage in joint projects aimed at enhancing the efficiency, qual-

ity, and sustainability of steel manufacturing processes. This cooperation will enable the exchange of ideas and best practices to drive innovation and competitiveness in the industry. Al-Qawi Steel Industries will offer opportunities to CUST students to participate in internships, industrial visits, and training



programs. This collaboration aims to bridge the gap between academia and industry, equipping students with practical skills and knowledge relevant to the steel manufacturing sector. Last is the collaboration on Student Projects where both the parties will collaborate on student projects that address industry needs and opportunities. These projects may involve conducting research, designing solutions, or developing prototypes related to steel manufacturing and engineering. Through this collaboration, the students will gain hands-on experience and contribute to the advancement of the industry.

Seminar on UN Sustainability Development Goals (SDGs)

On December 12, 2023, the Department of Electrical & Computer En-

gineering, and Directorate of Sustainability and Environment (DSE) at CUST organized an introductory seminar on raising awareness about 'Sustainable Development and Goals.'



gineering, and Directorate of Sustainability and Environment (DSE) at CUST organized an introductory sem-

The seminar's objective was enlightening participants on the significance of Sustainable Development Goals

(SDGs) and providing insights into effective implementation strategies. Additionally, the deliberation focused on the pivotal roles that universities and students play in contributing to the attainment of these goals. It was a seminar on the introduction of 'renewable and affordable energy' goal 7 of the seventeen SDGs. The speaker, Waleed Farooq introduced goal 7 and highlighted the importance of all 17 SDGs. Moreover, upcoming projects and events related to goal 7 were discussed. Waleed Farooq introduced goal 7 and highlighted the importance of all 17 SDGs. Moreover, upcoming projects and events related to goal 7 were discussed.

Pharma Spark Society conducted a Cleanliness Drive

The Cleanliness drive was successfully conducted on December 27, 2023, on CUST Cafe ground by Pharma Spark Society, Faculty of Pharmacy. The event aimed to highlight the importance of cleanliness of a place. The motto was 'Clean and Green Pakistan' In the Gala Fest, students represented their depart-

ments with stalls and due to this activity, there was a lot of wastage thrown in the ground. All the wrappers were collected by the student groups to make the ground clean. Each group was responsible to clean the area around their stalls and wrap up the litter in a shopping bag. The drive was arranged to highlight the

littering dropping problem in youth, so that every student should get to know the consequences of littering in the public place and get a sense of responsibility to make the environment clean. The students represented themselves as responsible enough and wrapped everything in a bag and threw them in the dustbin.

The CUST Fest was organized on December 27, 2023 by the Pharma Spark society, Faculty of Pharmacy. The event aimed at providing a platform for the students to showcase their marketing and entrepreneurship skills and also recreational environment for them. Different departments were invited to have their stalls of different categories i.e. food and games. Altogether, 15

different stalls were arranged by different students. There was a competition arranged between stalls with respect to the decorations and sales. The pur-

pose of the event was to motivate students with entrepreneurship skills and providing them a platform to showcase

Faculty of Pharmacy organized CUST Fest

tures and playing videos. Mehndi and bangle were a major attraction for the girls in particular.



ECE department Secures Third Position in 4th Federal Engineering Capstone Expo 2024

The Pakistan Engineering Council (PEC) recently organized its 4th Federal Engineering Capstone Expo 2024 at Pak China Friendship Centre, Islamabad, showcasing remarkable engineering innovations nationwide. This event highlighted the outstanding achievements and contributions of various universities including CUST, as a leading technology-driven research university which emerged as a standout participant. Committed to advancing society through education, research, and innovation, the students from Electrical

& Computer Engineering (ECE) department proudly took part in the PEC Expo 2024, demonstrating their dedication to excellence in engineering. Among 38 participating universities across the country, the ECE Department distinguished itself by securing 3rd position in the Electrical Engineering category with the project titled 'Autonomous Lawn Mower' supervised by Engr. Muhammad Moin Qasim. Department representative extended its heartfelt gratitude to Pakistan Engineering Council for organizing the expo and providing

a platform for universities to showcase their engineering innovations.



The Department of Mechanical Engineering arranged an industrial visit for its students to Volta & Osaka batteries, Hattar. The objective of the industrial visit was to provide the students with an opportunity to observe the practical application of the theoretical concepts they learned in their academic studies. The visit aimed to help students gain a better understanding of the manufacturing of energy storage devices and its operations. The site visit started with a brief

introduction to the company and its operations. The company had many operational facilities for the assembly of the batteries and manufacturing process. The production site was humongous

assembly lines, acid filling machines, extruders, control system, MF section, test section and many others. The industrial visit to Volta & Osaka batteries was an excellent learning experience as

Industrial Visit to Volta & Osaka Batteries, Hattar

and the visitors were told that a student should spend at least one month on the site for the complete understanding of production facility. The site consisted of

it provided an opportunity to understand the various processes and technologies used in the design and manufacturing of energy storage devices.



Department of Civil Engineering organized Training on OBE

On behalf of civil engineering department CUST, a training session was organized in order to guide students regarding Outcome Based Education (OBE) system. The training session was held on October 17, 2023 by Dr. Muhammad Usman Farooqi. In this training session on OBE, students were educated on the system. Resource person explained the main difference between OBE system and the conventional teaching system. This



system focuses more on output than the input. The training focused on various aspects of OBE system, i.e. PEOs, PLOs, CLOs, quizzes, projects, and Bloom's taxonomy. Students were also advised to learn more about the OBE system for a better understanding and they all were enthusiastic towards the topic discussed. The session was concluded with a thank you note by the session chair.

Faculty of Pharmacy arranged Hospital Training for Students

The Faculty of Pharmacy arranged hospital training to provide practical exposure to students by placing them in well-reputed hospitals. The training conducted in hospital through rotation in different wards for lab value interpretation, evaluation of medications, drug interaction and reporting of adverse drug reactions. Students were evaluated at

the end of each ward rotation.

The main aim of this clinical rotation was to provide an experiential learning environment which assists Pharm-D students to become professionally competent with an ability to think critically and apply their knowledge and skills of individualized pharmacotherapy planning, intervention and outcome evaluation in

the best interest of community.



Industrial Visit to National Incubation Centre of Aerospace and Technology

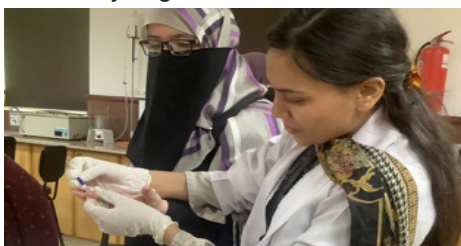
The Career Services Office, in collaboration with the Department of Mechanical Engineering, organized an enlightening industrial visit for students to the National Incubation Centre of Aerospace and Technology (NICAT), Rawalpindi on January 12, 2024. The primary objective of the industrial visit was to provide students with practical insights into the aerospace and technology industry, enhance their understanding of the current job market, and expose

them to the facilities and opportunities available for startups at NICAT. A comprehensive presentation was delivered to the students, offering an in-depth overview of NICAT's role in fostering innovation and development within the aerospace and technology sector. The presentation covered the mission, vision, and key initiatives of NICAT. Following the NICAT presentation, students received valuable insights into the current job market trends within the

aerospace and technology domains. This information aimed to equip them with a better understanding of industry demands and expectations. Subsequently, the students were taken on a guided tour of NICAT's state-of-the-art facilities which included exploration of laboratories, workspaces, and collaborative areas. The students also had the opportunity to witness firsthand the cutting-edge technologies and infrastructure supporting innovation.



Pharma Spark Social Welfare Club, under the supervision of the Faculty of Pharmacy, organized an event on blood



grouping on October 25, 2023. The students of the pharmacy department participated actively for checking the blood

groups of students and faculty members of different departments. Students not only acquired practical skills related to blood grouping but also gained insights into the importance of community service. The participants displayed

immense interest, enthusiasm, and dedication throughout the day. Students from diverse university departments gathered to discover their blood types. Not only the students participated ac-

Faculty of Pharmacy event on Blood Grouping

grouping but also gained insights into the importance of community service and altruism. Additionally, the event fostered a sense of unity and social responsibility among the participants.

grouping but also gained insights into the importance of community service and altruism. Additionally, the event fostered a sense of unity and social responsibility among the participants.

Department of Civil Engineering arranged a site visit to Steel Trusses, CUST

A brief site visit within the university was organized on December 08, 2023, for the students of civil engineering department. Engr. Prof. Dr. Majid Ali, and Engr. M. Waqas Malik took the students to different locations within university. The purpose of the visit was to help students to understand the importance of the knowledge of mechanics of solids and their practical applications in civil engineering domain. The focus remained on distribution of direct stresses on uniform members, moment of resistance and section modulus, shearing stress in bolt connections,



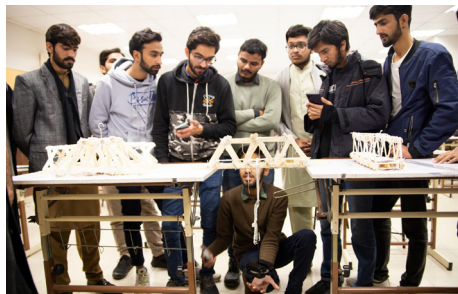
stresses in composite sections, stresses due to combined axial and bending forces, and corrosion fatigue. The students

were keen in understanding the importance of mechanics of solids and appreciated the efforts of the visit.

Bridge Building Competition by the American Society of Civil Engineers

The American Society of Civil Engineers organised an exciting Bridge Building Competition at CUST on January 2, 2024, showcasing creativity and engineering skills. organized in the drawing lab, the event aimed at nurturing students' creative and analytical thinking while making a direct impact on Sustainable Development Goal-9 (SDG-9). A three-member teams took on the daunting challenge of building a bridge with just popsicles, a UHU stick, and thread. The students eagerly showcased their engineering prowess

by constructing bridges, designed to withstand heavy loads. In a setting of



creativity and rivalry, Muhammad Taha, Hanzala, and Suleman Riaz from the

Civil Engineering Department stood out as the winning team, demonstrating their impressive skill in building a bridge with outstanding load-bearing capacity. The event highlighted the opportunity for students to put their theoretical knowledge into practice while emphasising the significance of sustainable and innovative engineering solutions. The Bridge Building Competition showcased CUST's dedication to developing versatile and innovative engineers.

Industrial Visits to the Bestway Cement Production Plant (Kalar Kahar)

On December 9, 2023, students of the Electrical & Computer Engineering Department (ECE) visited the state-of-the-art Bestway Cement Production Plant in Kalar Kahar. The visit highlighted the essential contribution of computer engineers in streamlining processes, starting from raw material intake to packaging. The cutting-edge control

room showcased real-time data monitoring and predictive maintenance, highlighting the connection between technology and manufacturing. Emphasizing sustainability, the engineers were making significant contributions to energy efficiency while maintaining product quality. The tour highlighted the unique blend of innovation and tradi-

tion in cement manufacturing, leaving a lasting impact. Mr. Safdar Khan Khattak of Bestway Cement Chakwal Pakistan, the General Manager was instrumental in making this educational opportunity possible. The students gained a deep understanding regarding the impact of technology on modern industrial environments.



Seminar on Primavera P6

On November 30, 2023, the Association of Civil Engineers (ACE) organized a seminar with the collaboration of Career Services Office (CSO) on 'Primavera P6'. The speaker invited was Engr. Asad Sufyan. The seminar aimed at equipping students with essential skills in project planning, scheduling and controlling, using Primavera-P6. Resource Person, an experienced trainer, facilitated the session, covering fundamental aspects of Primavera P6. The training provided a solid foundation in project management, emphasizing key areas such as project planning, scheduling techniques, and effective project controlling strategies. Some other key points discussed and explained

in detail included project planning and scheduling, project controlling and market insights. The Primavera P6 training

P6 software for the construction industry is very important for the sustainable cities and communities. As we continue



session not only enhanced the technical skills of the students but also provided them with valuable information about the job market. Use of Primavera

to bridge the gap between academia and industry, such initiatives contribute significantly to the holistic development of our graduates.

Enhancing Construction Efficiency with Global Navigation Satellite System

On November 28, 2023, Association of Civil Engineers (ACE) organized a seminar on 'Global Navigation Satellite System (GNSS) - Enhancing Construction Efficiency with GNSS in Civil Engineering'. Mr. Muhammad Fayaz (Project Manager at FWO) was the invited speaker. The seminar correlates with the objective of SDG 11: To Build Sustainable Cities and Communities. Mr. Fayyaz, introduced all the concept of GNSS, its importance and vast applications in various fields like self-driven cars, disaster management, construction machinery operation, structural

health monitoring and many other wide applications with a focus on civil engineering. He explained how it is being implemented in Pakistan. The key aspects discussed included precise surveying and mapping, construction site planning, improved accuracy in construction operations, project monitoring and control. The speaker also told students how easily they can be replaced if they do not keep up with modern tool usage, and what changes are expected in this field in a couple of years, how it will replace the surveying industry and how much beneficial it is if compared

with traditional surveying. In addition to this, he discussed some of its minor drawbacks and shared his own experi-



ences as a young engineer in Civil Engineering industry.

Water Filtration Competition

In a testament to innovative engineering and environmental consciousness,



hosted the Water Filtration Competition in CUST Drawing Lab on January 11, 2024. Teams of threes were tasked with crafting optimal water filters using

diverse aggregates. The competition, aimed at fostering creative and analytical thinking. It aligned seamlessly with SDG-11 by addressing the global imperative of clean water and sanitation. As water passed through the filtration plant during assessments, the teams vied to produce the cleanest water, showcasing not only engineering prowess but also the practical application of academic knowledge. The event marked a successful convergence of theoretical understanding and real-world problem-solving, a testament to the exceptional talent within our engineering community.

the American Society of Civil Engineers an Imhoff cone assembly, sand, and

CUST ICONS

Dr. Imtiaz Ahmad Taj

Dean, Faculty of Engineering

As Dean of the Faculty of Engineering, what are your primary responsibilities and objectives in fostering academic excellence, research innovation, and student success? Could you share some notable achievements or contributions of the Faculty of Engineering to the academic scenario of Pakistan?

As Dean of the Engineering Faculty, my main focus is to establish a robust Quality Management System to foster academic and research excellence across all departments. For seven years as the Dean of Engineering, I'm proud to say that we've successfully implemented Outcomes-Based Education (OBE) at both departmental and faculty levels, streamlining many processes. Each department within our faculty has a dedicated management structure overseeing key areas such as curriculum development, teaching, research, industry connections, student activities, employability, and international collaboration, each led by faculty members. Each committee sets clear initiatives and targets within the yearly strategic plan, which are monitored and tracked by the Faculty to ensure interdisciplinary cohesion and harmony.

Due to this streamlined CQI system, we are not only achieving good results but also showing continual progress in each focal area and we have grown as a faculty by expanding our scope and number of programs being offered. Some major achievements are:

a. All our Engineering programs are now recognized internationally as they are accredited under the Washington Accord (WA) by the Pakistan Engineering Council (PEC). Our programs rank among the top Engineering programs rated by the PEC. During the last accreditation visit, Mechanical Engineering (ME) and Civil Engineering (ME) programs were accredited for four years under level II, recognized

by WA. Our university was chosen by PEC as a model private-sector Engineering Institution and visited by WA experts in October 2023. They commended our facilities and teaching quality.

- b. Research output across all three departments has significantly increased in terms of quality publications, PhDs produced, and research grants won.
- c. All three departments have organized international conferences. ME and CE departments host ICAME and CSCE annually, respectively, with proceedings pub-

professional societies like IEEE, ASHRAE, and ASCE. They also host inter-university and inter-college events annually, such as the Science Fair and RoboCUST.

- e. In recent years, final-year projects (FYPs) across all three departments have secured significant funding from national organizations like PEC and IGNITE, as well as international societies like ASHRAE. Typically, three to four FYPs annually receive grants averaging Rs 100,000 each. In a national competition hosted by PEC, attended by top engineering universities



lished in the Scopus-indexed journal "Engineering Proceedings." ECE department has also organized several IEEE-sponsored international conferences."

- d. We have active student societies in all departments organizing regular co-curricular and extra-curricular events throughout the year, including chapters of international

nationwide, one FYP from each department secured third prize in their respective categories, highlighting our students' exceptional learning standards and hands-on skills."

- f. The Faculty has shown significant growth in the last few years and expanded its scope of work. In the

last couple of years, we have successfully launched a number of new academic programs including a BS Computer Engineering, BS in Cybersecurity and PhD Engineering Management. We are also going to launch a new program of BS Robotics and Intelligent Systems from Fall 2024 semester.

How do you prioritize international collaboration and partnerships within the field of Engineering, and what efforts have you made to strengthen CUST's global presence in research and academic exchange programs?

Our achievements highlight our commitment to fostering international collaborations and partnerships. Our student chapters, such as IEEE, ASHRAE, and ASCE, actively engage in diverse activities. Moreover, our Engineering degrees hold global recognition, meeting the standards set by the Washington Accord". We regularly host international research conferences, facilitating collaborations among research groups nationally and internationally. Consequently, we have active MoUs with esteemed international universities such as Ohio State University (USA) and University of Bremen (Germany), involving the exchange of students, teachers, and access to experimental facilities"

Could you discuss some of the ongoing research projects or patents within the Faculty of Engineering that demonstrate the innovative work being done by faculty and students, and how these endeavors contribute to advancing the field?

Numerous ongoing R&D projects are funded by HEC, local industry, and international organizations. Highlights include three HEC-sponsored projects totaling over 20M rupees in its NRPU and NCBC programs, six projects funded by NESCOM totaling 2.65M rupees, and five student projects funded by ASHRAE with a total of US\$ 12,500. Under the NRPU program of HEC, the CE faculty is executing the project "Development of Building Products from Recycled Plastic for Housing" with total

funding of Rs 9.98M. Similarly, the ECE faculty is investigating the project "Multibiometric Access Control System for Highly Secured Environment" with total funding of Rs 6M". Under the NCBC program of HEC, the project "Surveillance Video Analytics" involves collaboration between an ECE research group and PNEC NUST as Co-PI, with our research group receiving Rs 4.5M for PhD and MS students' stipends. Among the six NESCOM-sponsored projects, four have recently concluded: two by ME faculty focusing on CFD analysis of fluids and combustion, and two by ECE faculty on Machine Vision and Artificial Intelligence. Two new projects funded by NESCOM are approved and will commence shortly. Additionally, several projects are underway in collaboration with local industries, where they provide equipment and infrastructure support. Our undergraduate and graduate students are actively involved in all these projects, gaining invaluable practical experience. Furthermore, a patent has been filed by our ME faculty member and students for a Bio-Mechanical Physio-Assistance kit named Continuous Passive Motion (CPM) machine, designed for post-knee surgery rehabilitation"

As a prominent member of the IEEE (Institute of Electrical and Electronics Engineers), how do you leverage this network to enrich the academic and professional opportunities available to students and faculty at CUST?

"Our active student chapters, including IEEE, ASHRAE, and ASCE, expose students to international standards and foster confidence in international competitions. IEEE student chapter leads in organizing IEEE conferences, while ASHRAE and ASCE chapters are integral to organizing ICAME and CSCE conferences. These events offer valuable collaboration opportunities among research groups globally. ASHRAE's project sponsorships further encourage student involvement and innovation.

In what ways do you support and encourage entrepreneurship and industry partnerships within the

Faculty of Engineering, and how do these collaborations benefit both students and the broader community?

Our departmental Industrial Outreach Committees (IOCs) and Faculty-level Industrial Advisory Board (IAB) play crucial roles in enhancing industrial collaborations and fostering entrepreneurship. Comprising prominent industry experts, these committees provide guidance and oversight to strengthen our ties with industries." They also provide industry feedback to enhance Engineering program curricula in line with local and international skillset requirements. The effectiveness of IAB and IOCs is highlighted by the active industry collaborations showcased in the mentioned projects. Moreover, the number of FYPs sponsored or co-supervised by industry continues to rise annually. This year, three student FYP ideas have been chosen as startup concepts, with full assistance provided to establish their startups in the University Incubation Center (UIC) under ORIC."

In what ways do you envision the Faculty of Engineering at CUST and what strategic priorities do you have in place to ensure its continued growth and success in the future?

As stated earlier, the Faculty collaboratively establishes its annual strategic plan with input from all departments and relevant bodies. Initiatives and targets are outlined, scheduled, and budgeted under six strategic pillars defined by CUST management: Expanding and Strengthening Academic Initiatives, Enhancing Research & Innovation, Strengthening Industry Linkages, Improving Graduate Employability, Advancing as a Globalized University, and Expanding Civic Engagement. Progress on targets is monitored yearly at the faculty level, with evidence gathered and an overall report shared with University Management. This strategic planning, budgeting, and monitoring system, along with the OBE-based CQI system, ensures continuous growth and quality improvement in the Faculty of Engineering"

CUST ICONS Dr. Imran Riaz

Director, Career Services Office

Tell us about how you first got involved in career services and also share your experience in CUST Career Service Office.

After joining CUST, I was given the opportunity to lead Career Services Office (CSO), along with Mr. Badar, Ms. Anum and Mr. Adil as my team members. Since then, we never

ence.

How do you stay updated on industry- specific trends, job market opportunities and demands to connect students with potential employers?

Staying updated on industry-specific trends, job market opportuni-

ties, and forums to keep track of the latest developments and trends, monitoring job boards, recruitment websites, and marketplaces to observe the types of roles and skills in demand and emerging job opportunities is also of great help. Similarly, maintaining close relationships with employers and industry partners to understand their hiring needs and requirements, seeking regular feedback from them to gain insights into market demands; continuous learning through courses, certifications, and workshops that focus on industry-specific knowledge and trends, analysing data from sources such as labour market reports, employment statistics, and surveys to identify patterns and trends are also equally important factors. In addition to this, following industry leaders and influencers on digital platforms like LinkedIn and Twitter to stay up to date with their insights on the industry is also of foremost importance. Besides, alumni feedback helps us stay in touch with alumni to understand their experiences in the job market and gather information about emerging trends and opportunities. Further, collaboration with professional organizations to have access to resources, events, and expertise related to the industry also plays a significant role. Finally, participating in career fairs and other industry events to learn about current market demands and opportunities directly from employers is also plays a significant role. By combining these strategies, we stay well-informed and effectively connect students with potential employers based on the latest industry trends and job market opportunities.

What techniques do you use to motivate students to take initiatives in their career develop-



looked back as we signed several MoUs, launched recruitment drives, organized internship and job expos, seminars, implemented Google Career Certificate programme and also organized several other activities which could be seen in CSO Annual Newsletter. Overall, working with the team has been a great experi-

ences, and demands is crucial and we adopt various strategies for this. First, we network with professionals in the industry, attend conferences, workshops, and seminars, and participate in industry associations to maintain a strong professional network. Secondly, utilizing online resources such as industry news sites,

ment?

To motivate students to take initiative in their career development there are some techniques that we use. We encourage them to set career SMART goals and help them outline the steps needed to reach these goals. We also offer personalized guidance based on student interests, skills, and career aspirations. Some other techniques that we use to empower students include building professional relationships, provide opportunities for experiential learning and encourage student self-reflection highlighting their strengths, weaknesses, and areas for growth that help them take more ownership of their career paths. Besides, we offer career resources such as resume writing workshops, interview preparation, and job search strategies to help them feel confident and equipped. In addition to this, we organize career development workshops on personal branding, networking, and professional etiquettes for them to help them develop essential professional skills. Similarly, to promote continued learning, we emphasize the importance of lifelong learning and staying updated with industry trends, encouraging students to pursue certifications, attend seminars, and stay informed. Recognizing as well as celebrating achievements, fostering a growth mind set, mentorship programmes and real-world examples of success stories to guide, support and encourage out students are also a part of these techniques that we use to empower students to take charge of their career development and make informed decisions about their future.

How do you encourage alumni engagement in career services initiatives?

There are several strategies for encouraging alumni engagement in career services initiatives that we are working on in order to establish strong like connections with alumni

and current students. This includes establishing a strong alumni network, organising alumni events, offering mentorship opportunities that pairs alumni with current students based on shared interests or career goals. We also invite alumni as guest speakers at career-related events like seminars, workshops, or classroom lectures. In parallel, recognize and appreciate alumni contributions through awards, certificates, or public acknowledgment is also an important aspect that we always consider. Similarly, we use social media platforms to keep alumni informed about career services initiatives and encourage them to engage in those. Success stories of alumni are shared in newsletter, on the website, or through social media to inspire others to get involved. We provide various ways for alumni to contribute e.g. volunteer as mock interviewers, career advisors, or workshop facilitators.

Establish advisory boards with alumni members to guide career services initiatives and provide insights from their professional experience is also a part of the process. Encouraging alumni to recruit students for internships and job opportunities at their companies is also a common practice. We offer access to career resources, networking events, or professional development opportunities in exchange for their involvement. Likewise, regularly update alumni on career services initiatives and opportunities to get involved through newsletters, emails, and other communication channels are also considered. Implementing these strategies is an attempt to foster a strong and supportive relationship with alumni, encourage them to actively engage in career services initiatives and contribute to the success of current students.

How do you envisage the future of CUST Career Services Office in the digital age?

The future of the Career Services Office at CUST in the digital age will

be shaped by leveraging technology and digital platforms to enhance services and support students career development. At CUST, we are working on various ways which the office can adapt to thrive in the digital age. We plan to organize virtual counselling sessions and career advising through video calls, chat platforms, or emails to accommodate student schedules and preferences. We also plan to maintain a comprehensive online job portal that provides students with easy access to job and internship opportunities. Similarly, we think of utilizing platforms like LinkedIn to connect students with alumni, employers and industry professionals. Likewise, hosting online workshops and webinars on various career topics, allowing students to participate remotely is also of significant importance for us.

In addition to this, we plan to integrate AI-powered tools such as resume review software, mock interview simulators, and career assessment tests to enhance the quality of services. Also, providing personalized career resources and recommendations to students based on their interests, goals, and academic background is on our agenda. Moreover, data-driven insights, online alumni engagement, digital branding as well as presence, virtual career fairs and employer events are of equal importance; therefore, we intend to collaborate with online education platforms to offer students access to courses and certifications relevant to their career goals. Mobile accessibility is another aspect that we need to look at seriously to ensure that all digital platforms and services are mobile-friendly to provide easy access for students on the go. By embracing these digital strategies, the CUST Career Services Office can provide students with innovative, efficient, and personalized services that meet their evolving needs in the digital age.

CUST SHINING STARS

Laiba Hashmi

Quaid-e-Azam Medal Awardee

What was your initial reaction after being nominated for the award?

Honestly it felt surreal. It was a good mix between disbelief and me telling myself that I earned it. I was overwhelmed; face beaming, the sound of my parents and friends cheering me on just added to the magic of the moment. Knowing that this was the first Quaid-e-Azam Medal for the department of bioinformatics and biosciences made me feel beyond honoured.

What does this recognition mean to you personally and how has this achievement made an impact on your academic life?

This recognition means the world to me. It has made me believe that hard work always pays off. All those hours I spent running after events, representing my department in sports and conducting podcasts while travelling inter-city had not gone to waste. Academically, I think it has given me so much more confidence that there is nothing Laiba Hashmi cannot achieve. It has made me value the daily grind. Now, I embrace challenges with a more head-on approach.

Who/what has been your biggest source of inspiration and support along the way?

This is a tough question. Looking back, I think it was the promise I made to myself on the orientation day in 2019, when for the first time I heard about the Jinnah Medal. I told myself that I would win it no matter what. And ever since then, I have stopped at nothing on my way. I took part in every possible event I could find. When I wasn't doing the extra-curricular, I was stressing over meeting the assignment deadlines and studying for the exams on F Block stairs. That determination obviously didn't come without sacrifices. I missed hangouts with my

friends and also, there were days when I felt too tired to even talk. But everything was worth it!

What role CUST played in reaching this milestone and what would you suggest the aspiring graduates?

CUST acknowledged my achievements when nobody else did. It provided me the platform I needed to showcase my skill set. I am forever grateful to my department, the professors who spent all their energies delivering key concepts which helped me score well academically, and the societies that made me feel like I belonged, that I was needed.

and manifest your future. There is more power in a positive thought than you can ever imagine."

How do you plan to build on this achievement in the future?

In the future, I plan to continue striving for excellence in all walks of life, using this recognition as a motivation to push myself even further. I aim to build on this achievement by continuously learning and growing. I do recognize that achievements like this aren't just about personal success, but about people who have supported us along the way. So, I plan to pay it forward wherever I



I couldn't have achieved this honorary medal without my peers and my team. They were a great support throughout my time at CUST. To my aspiring graduates I'd say: "Every day is a hustle, keep your head in the game, stay grounded

can, by mentoring others, sharing what I have learnt, and hopefully inspiring the next generation of achievers. I hope this achievement helps me make a positive impact on society.

SOCIETY IN FOCUS

PHARMA SPARK SOCIETY

Introduction

The Department of Pharmacy inaugurated Pharma Spark Society in March 2021 embodying the vision to foster holistic student development by providing a platform for engagement in extracurricular activities. Ms. Nitasha Gohar, Assistant Professor at Faculty of Pharmacy, serves as the patron of the society. The Society comprises of four main clubs, each offering unique opportunities for student involvement and leadership. Each of these clubs plays a vital role in enriching the university experience for students by providing opportunities for personal growth, skill development, and social engagement. Through their diverse range of activities and initiatives, these clubs contribute to building a vibrant and inclusive campus community, where students can explore their interests, connect with peer.

Social Welfare Club

The Social Welfare Club is committed to promoting social responsibility and community service among pharmacy students. Its mission is to organize and participate in various philanthropic initiatives and outreach programs aimed at addressing society needs and making a positive impact on the community.

This club seeks to instill empathy, compassion, and a sense of duty to society among its members, fostering a culture of giving back and making a difference in the world.

Literary Club

The Literary Club is dedicated to fostering a love for literature, language, and creative expression among pharmacy students. Its mission is to provide a platform for students to explore their literary interests, their writing skills, and engage in meaningful discussions about literature and language. Through literary events, this club aims to cultivate a vibrant literary community within the Pharmacy Department, enriching students' cultural and intellectual experiences.

Sports Club

Mission: The Sports Club is committed to promoting physical fitness, sportsmanship, and teamwork among pharmacy students. Its mission is to organize a wide range of sports activities, competitions, and events aimed at encouraging students to lead active and healthy lifestyles. By providing opportunities for students to participate in sports at both recreational and competi-

itive levels, this club aims to foster leadership skills, and a sense of achievement among its members.

Culinary and Arts Club

Mission: The Culinary and Arts Club is dedicated to celebrating creativity, culinary skills, and artistic talents among pharmacy students. Its mission is to provide a platform for students to explore their passion for cooking, baking, and culinary arts, as well as various forms of visual and performing arts. Through art exhibitions, cultural events, and creative competitions, this club aims to nurture students' artistic talents, inspire creativity, and promote cultural appreciation within the Pharmacy Department.

Function and Structure

The society has various leadership positions tailored for each club to ensure effective functioning. These positions include President, Vice President, General Secretary (Male/Female), Chief Coordinator, Event Head, Media Head, Reporting Head, and elective members. Each role within the clubs has specific responsibilities aimed at advancing the society's mission of holistic student development.



CLUB IN FOCUS

CUST Occupational Safety & Health Club

Introduction

The goal of ensuring safety is to avoid workplace injuries, illnesses, and deaths, and to prevent difficulties for students, staff, and faculty. The Capital University of Science and Technology's Safety Policy prioritizes preventing incidents that cause injury or damage to individuals, property, or the environment, recognizing it as essential to human wellbeing. Each instructor or supervisor is responsible for preparing students, faculty, and staff on how to act during a disaster at the university. Everyone must comply with safety policies, work to prevent risks and hazards, and ensure preparedness for emergencies. CUST mandated that each department creates its safety manual, which must be disseminated to all students, staff,

and faculty.

Objective

To identify workplace hazards, reduce accidents, and limit exposure to harmful situations and substances. This includes training personnel in accident prevention, response, emergency preparedness, and the use of protective equipment.

Functions

The club performs the following functions:

- 1) To promote a health & safety-enriched culture on the campus.
- 2) To create awareness among the students by organizing different types of workshops/training sessions and safety drills.

- 3) To produce professionals, which ensures health & safety practices at their workplaces.
- 4) Selected students from each department will report any health & safety accidents, incidents, and hazards to a departmental health & safety coordinator on an emergency basis.

Formation

In this regard, one batch representative (BR) is selected from each batch of every department. If a batch has multiple sections, an additional batch representative (ABR) is voluntarily selected from the other sections. The key leadership positions of the club are Patron, President, Vice-President, and Secretary.



Class in Progress
(10:24 am)



Bell Rung
(10:26 am)



Class Evacuated
(10:30 am)



Class back in Progress
(10:52 am)

Class Room Evacuation during H&S Drill Activity

Interdepartmental Sports Competitions – Fall 2023

Capital University of Science and Technology

Sports play a significant role in the overall development of human personality, character building and offer a diversion from monotonous routine and other societal evils. It is particularly important for youth to help in their physical and mental growth and enhancing their capabilities. In this regard, Capital university of science and technology, puts a special emphasis on provision of adequate facilities for healthy physical activities including gymnasium, grounds for various sports and membership of clubs. University facilities for sports and physical activities are continuously develop-

ing with full range of traditional sports such as football, lawn tennis, badminton, volleyball etc. with indoor sports facilities for table tennis, Ludo, and carrom board. Additionally, there are opportunities to take part in a wide range of fitness activities in Gymnasium.

To enhance the sportsman spirit and sense of healthy competition, interdepartmental tournaments were organized throughout Fall 2023 semester for both male and female students. All thirteen departments including Pharmacy, Bioinformatics and Biosciences, Mathematics, Computer science, Soft-

ware Engineering, English, Accounting and Finance, Management sciences, Psychology, Electrical Engineering, Mechanical Engineering and Civil Engineering participated with full spirit and Zeal.



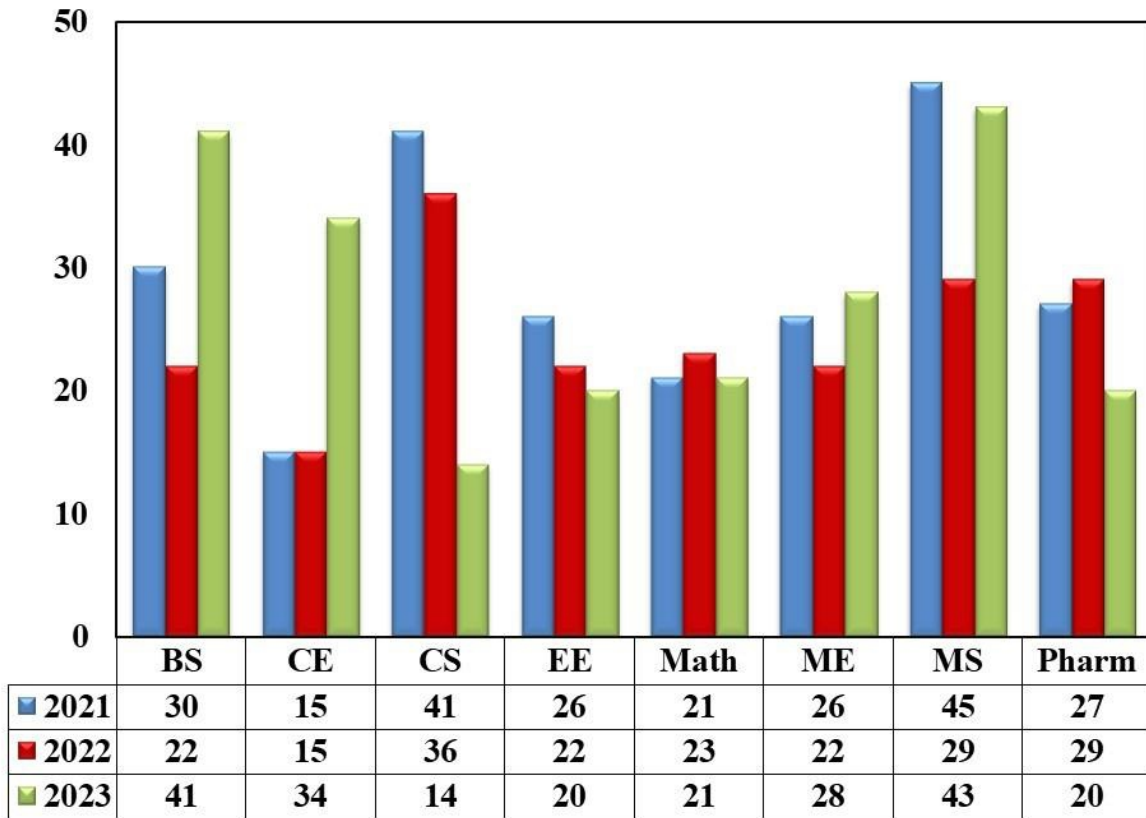




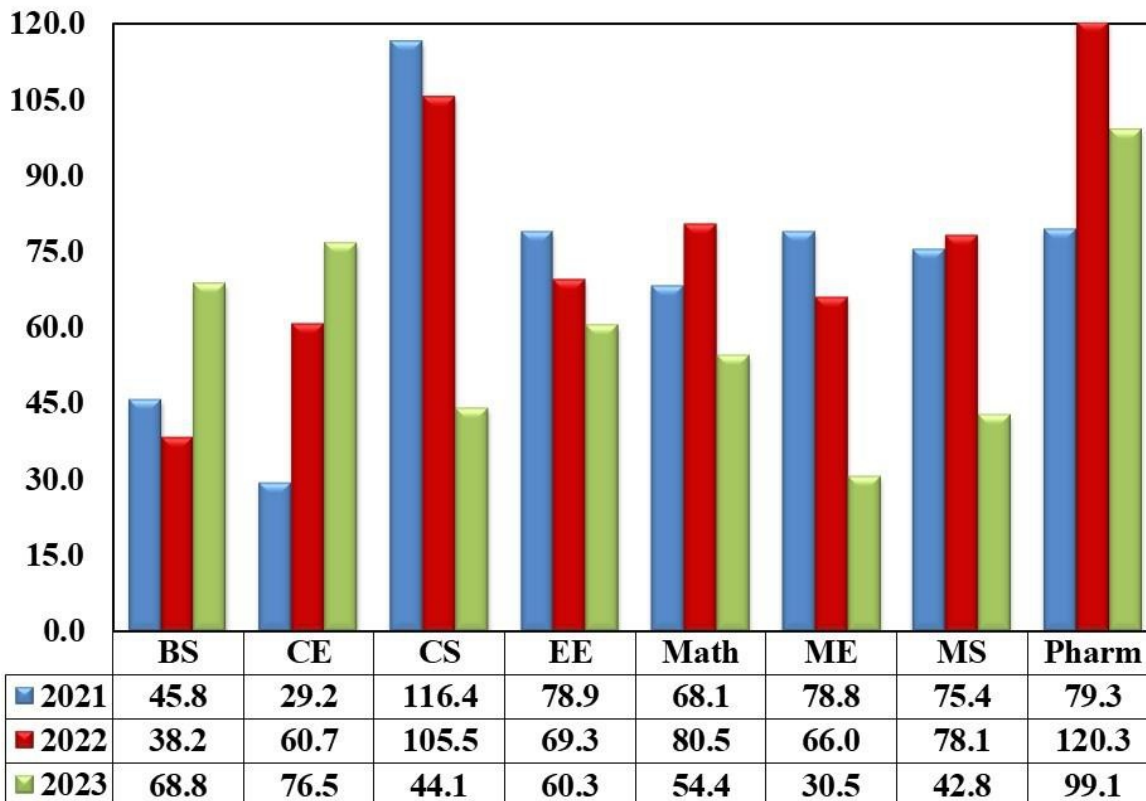
New Induction

No	Name	Designation	Highest Degree	Area of Specialization	Passing Year	University
1.	Dr. Waseem Abbas	Assistant Professor	PhD	Electrical Engg.	2023	COMSATS University, Islamabad
2.	Ms. Tooba Masood	Lecturer	MS	Computer Engg.	2020	COMSATS University, Islamabad
3.	Mr. Abdul Haseeb	Associate Lecturer	MS	Computer Science	2022	COMSATS Uni. Wah Campus
4.	Ms. Mahin Malik	Associate Lecturer	MPhil	Computer Science	2021	University of Lahore
5.	Ms. Samra Naseer	Associate Lecturer	MPhil	Computer Science	2022	QAU, Islamabad
6.	Ms. Sara Ibrhaim	Associate Lecturer	MS	Computer Science	2023	CUST, Islamabad
7.	Ms. Farah Haneef	Senior Lecturer	MPhil	Computer Science	2020	QAU, Islamabad
8.	Ms. Qudsia Yousaf	Senior Lecturer	MS	Software Engg.	2015	COMSATS University, Islamabad
9.	Ms. Anum Naseem	Lecturer	MS	Computer Science	2018	COMSATS University, Islamabad
10.	Ms. Fatima Waseem	Associate Lecturer	MS	Software Engg.	2021	Bahria University, Islamabad
11.	Qazi Shuja Ud Din	Associate Lecturer	MS	Software Engg.	2021	Riphah Int. Uni. Islamabad
12.	Ms. Uzma Shaheen	Associate Lecturer	MS	Software Engg.	2022	Int. Islamic University, Islamabad
13.	Ms. Sania Tabassum	Associate Lecturer	MPhil	Biochemistry	2022	(NUST), Islamabad
14.	Mr. M. Usman Munir	Lecturer	MPhil	Pharmacognosy	2020	Bahauddin Zakariya Uni, Multan
15.	Syed Hassam Ali Sami	Lecturer	MS	Pharmacy Practice	2020	COMSATS Abbottabad Campus
16.	Mr. Israr Ahmad Sani	Lecturer	MPhil	Pharmaceutics	2021	Riphah Int. Uni. Islamabad
17.	Ms. Komal Farooq	Assistant Professor	MPhil	Pharmacology	2020	University of Sargodha
18.	Mr. Ahsan Rafiq	Assistant Professor	MPhil	Pharmacology	2018	The Islamia Uni. of Bahawalpur
19.	Mr. Sajeel Ahmad	Lecturer	MPhil	Pharmaceutics	2021	Gomal University, D. I. Khan
20.	Ms. Rubina Shoukat	Lecturer	MPhil	Pharmacology	2022	QAU, Islamabad
21.	Mr. Shamas Gulfam	Lecturer	MS	Pharmacy Practice	2020	COMSATS Abbottabad Campus
22.	Mr. Imad Ud Din	Lecturer	MS	Project Mgmt.	2018	CUST, Islamabad
23.	Dr. Zeeshan Ahmed	Assistant Professor	PhD	Finance	2018	(UNIMAS), Sarawak, Malaysia
24.	Mr. M. Zeeshan Iltaf	Senior Lecturer	MS	Clinical Psychology	2017	Int. Islamic University, Islamabad
25.	Ms. Annum Tanweer	Senior Lecturer	MS	Clinical Psychology	2016	National University, Islamabad
26.	Ms. Iqra Kiran	Lecturer	MS	Clinical Psychology	2018	Foundation University, Islamabad
27.	Ms. Anam Mehmood	Lecturer	MPhil	Psychology	2019	QAU, Islamabad
28.	Ms. Asima Munawar	Lecturer	MS	Clinical Psychology	2018	Riphah Int. University, Islamabad
29.	Ms. Sumia Kalsoom	Lecturer	MS	Clinical Psychology	2017	Bahria University, Islamabad
30.	Ms. Tehmina Mazhar	Lecturer	MPhil	Counseling Psychology	2020	Fatima Jinnah Women, Uni. Rwp
31.	Ms. Naveeda Fazal Haq	Senior Lecturer	MPhil	Applied Linguistics	2014	University of Reading, UK
32.	Ms. Farrah Iqbal	Lecturer	MS	English Linguistics	2020	Foundation University, Islamabad
33.	Mr. Sikander Seemab	Lecturer	MPhil	English Linguistics	2019	NUML, Islamabad
34.	Ms. Amina Ashfaq	Associate Lecturer	MS	Computer Science	2021	CUST, Islamabad
35.	Mr. Rehan Asad	Senior Lecturer	MS	Engineering Mgmt.	2013	(NUST), Islamabad

CUST Journal Publications



CUST 3 Years Impact Factor History



Capital University of Science and Technology

Off Kaak Pul, Sihala Road, Zone-V, Islamabad

UAN: (051) 111-555-666

<http://www.cust.edu.pk>