



# Newsletter

Wah Campus

Fall 2022- Spring 2023 Vol. 1



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### **Patron:**

Prof. Dr. Sajid Qamar,  
Rector CUI

### **Editor:**

Prof. Dr. Muhammad Abid, T.I,  
Director Campus



**COMSATS University Islamabad**  
**Wah campus**



## VISION

The COMSATS University Islamabad envisions assuming a truly national character for itself in the years to come. It envisions having presence in all provinces of the country. It sees for itself a position among the top five (5) universities in the country; among top 100 universities in the developing countries and top 300, 200, 100 universities in the world respectively in the 5, 10 and 15-years' time horizon.

## MISSION

The COMSATS University Islamabad, founded in the belief that understanding enriches all people, is dedicated to the search for truth through advancement of learning and extending the frontiers of knowledge; to the sharing of this knowledge through education in an academically diverse range of disciplines and subjects; and to the application of this knowledge to benefit the people of Pakistan, the Muslim Ummah, and the World, at large. The University's mission is threefold:

### I) TEACHING AND LEARNING

Share that knowledge, understanding, and creativity by providing a broad range of educational programs in a diverse community of learners and teachers, and prepare graduate, professional, and undergraduate students, as well as non-degree-seeking students interested in continuing education and lifelong learning, and for assuming active roles in competitive and culturally diverse environs.

### II) RESEARCH AND DISCOVERY

Generate and preserve knowledge, understanding, and creativity by triggering enquiry, conducting high-quality research, and promoting scholarship, that benefit students, scholars, and communities across the country, the Muslim Ummah, and the World, at large.

### III) OUTREACH AND PUBLIC SERVICE

Extend, apply, and exchange knowledge between the University and society by applying scholarly expertise to social and technological problems, by helping organizations and individuals respond to their changing environments and by making the knowledge and resources created and preserved at the University accessible to the citizens. Using the resources of its multiple campuses in an integrated fashion, the University vies to strengthen the services to the state through the education of a modern work force, research and development, technology commercialization, and establishing and promoting partnerships with business, government and community groups. Using the resources of its multiple campuses in an integrated fashion, the Institute vies to strengthen the services to the state through the education of a modern work force, research and development, technology commercialization and partnership with business, government and community groups.



## RECTOR'S MESSAGE

I feel honored to lead the COMSATS University Islamabad (CUI) as Rector and share with you my vision for CUI, which has always been an innovative institution of learning and development. Our focus in the coming years will be to transform CUI to meet the challenges of a rapidly changing technological environment as well as societal needs through the best affordable academic programs at par with leading global standards, within Pakistan. In short, we envision making CUI "the University of Choice" in Pakistan and across Asia. Although an ambitious vision, but I believe that the talent, skill and experience available at CUI will enable us to achieve success with dedication and hard work.

In the years to come, we will extend out-reach of CUI by adding new campuses capable of catering to the high-quality education needs of a larger canvas of aspiring students and researchers. In this regard, we will also encourage public-private partnerships which will pave the way forward and yield impactful results.

We are committed to making all out efforts to play our due role in minimizing the adverse effects of the global Coronavirus pandemic and bring to the forefront new technologies and pedagogies to achieve our goals.

I would like to assure the parents of our students that CUI will take all possible steps to ensure the safety and well being of your children enrolled at our campuses. We are also deeply committed to inculcate in our graduates the essential skills and professional talent that helps them to meet the needs of the fourth industrial revolution as well as impart industry and market relevant education.

I invite you to explore our website and visit our campuses and interact with our students and faculty members, to find out what distinguishes CUI from other leading universities. I am sure you will be overwhelmed by the achievements, faculty and infrastructure of CUI and give us your valuable feedback which will help us build true professionals and global leaders in thinking.

In conclusion, please join us on our exciting journey into realizing your highest potential; becoming academic leaders in Pakistan and Asia and helping our beloved country by providing impetus to the biggest driver of growth i.e. human resource development.

I pray to Almighty Allah for assistance in our future endeavours and look forward to glorious achievements in the times to come.

**Prof. Dr. Sajid Qamar**  
Rector



## DIRECTOR'S MESSAGE

With the entire world shrunk into an approachable neighborhood, with the ever-changing values and with the emergence of fresh realms of appropriate training and knowledge has turned to be a pre-requisite for all successful individuals as well as organizations. In a developing country like ours where the potential is bounteous, but much is yet to be done, a chain of universities like CUI is blessing.

Our faculty, administration and staff are determined to benefit the community with the slogan to work under Science-Technology-Society philosophy and work as Real-World Problem Solution provider to industry through state-of-the-art applied research professionally.

Expansion from National to International Character, Emerging Disciplines; Unique Programs; Interdisciplinary Research; Focused Research Centers; Quality Teaching; High Caliber Faculty; Strong International Connections and Consortiums; Participation in Competitions; Academic Accreditations; Strong Student Support; High Employment Rate; Strong Industrial Linkages; Alumni and Industrial Chairs at CUI Wah Campus; Addition of new section of campuses; Integration and Optimization of CUI Wah Campus Resources is the vision of CUI Wah administration and faculty.

CUI Wah Campus welcomes the new entrants to experience a new world of learning and exposure. We invite currently enrolled students in general and CUI Wah Campus Alumni in specific to participate wholeheartedly and show enthusiasm in their ownership to make CUI Wah Campus an exemplary campus.

The strong academic foundation of our students enables them to develop a strong set of competencies desired in today's competitive world. A vibrant link with the industry, government and business helps students to capture the dynamism of the real world.

I wish you the best at COMSATS University Islamabad, Wah Campus.

**Prof. Dr. Muhammad Abid, T.I.,**  
Director

# Teaching & Learning



## SEMINARS & WORKSHOPS

### Character Building in the Light of Seerah of Prophet Muhammad (PBUH)

The Department of Electrical and Computer Engineering organized a seminar on April 6, 2023 to spread knowledge on the practical implementations of the principles needed to be followed in our daily lives in the light of the Seerah of Prophet Muhammad (PBUH).

The Guest Speaker was Dr. Hafiz Waqas Khan a renowned Islamic scholar, and Head of the Department at Riphah International University Islamabad. He addressed important aspects of Seerat un Nabi S.A.W, in light of the Qur'an affecting today's society with a special emphasis on character building. The guest speaker's talk was highly informative and he engaged the audience by giving them practical examples of Prophet Muhammad (PBUH) struggle.



### IELTS Preparation

A seminar on "IELTS Preparation" was arranged by ASHRAE Society of Department of Mechanical Engineering CUI Wah Chapter on March 16, 2023. Dr. Ayyaz Qadeer, Assistant Professor, Management Sciences Department CUI, Wah was the resource person of the seminar. This seminar was arranged for the students for BS (ME) final-year students.

The speaker briefed students about IELTS basics, exam details, and time duration for best preparation. He also gave the students different tips and tricks for achieving higher bands.



### Personality Grooming and Good Health

An awareness seminar was arranged on Personality Grooming and Good Health for the undergraduate students on March 10, 2023 by the Department of Management Sciences. The aim of the seminar was to highlight the practical knowledge about the role of good health in personality development in daily livelihood.

The guest speaker of the seminar was Dr. Rukhsana Sheikh, Managing Director of Al-Elaj Hospital. The speaker emphasized that personality building is an important theme to achieve career goals. She briefed that personal grooming is important for a positive self-image and every effort should be made to encourage and assist the students to maintain a pleasing and attractive appearance.



### Experimentation Design, Analysis & Optimization using Response Surface Methodology

The Department of Civil Engineering organized a CPD seminar on "Experimental Design, Analysis, and Optimization use Response Surface Methodology (RSM)", on March 9, 2023.

The guest speaker, Engr. Dr. Muhammad Imran Khan, HoD/Assistant Professor of Transportation and Geotechnical Engineering, MCE, NUST Risalpur Campus. The guest speaker focused on the application of Design Expert software which is widely used for conducting RSM experiments. Design Expert software provides various tools and features to make RSM experiments easier and optimize the processes.



### One-Day Workshop on Hydrological Modelling Application of SWAT

The UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM) organized a one-day Workshop on the Hydrological Modelling Application of SWAT on February 28, 2023 in collaboration with the Department of Civil Engineering.



The aim of this workshop was to create familiarity with Hydrological Modelling Techniques, Soil and Water Assessment Model (SWAT) for hydrological studies, water quality, sediment, effects of climate change through lectures and simulations, establishing an understanding of databases, soils, topography and climate-related data handling, simulation of the model and its comparison with the observed data was also explained to validate the whole procedure.



The researchers from the CUI Abbottabad Campus, Pakistan Council of Research in Water Resources (PCRWR), and graduate/ undergraduate students from CU Wah Campus attended the workshop. The UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM), Prof. Dr. Muhammad Abid, T.I., in his closing remarks emphasized capacity building in the adaptation of improving technologies in research and development.

## Importance of Engineering Dynamics in Industries

The Department of Mechanical Engineering arranged a Seminar on “Importance of Engineering Dynamics and its application in practical life and in industries” on January 5, 2023 under the category of department specific skills. Engr. Touqeer Iqbal from the Pakistan Ordnance Factories, Wah Cantt was the resource person of the seminar.

The seminar provided comprehensive knowledge regarding engineering dynamics and its application in industries. The resource person elaborated the targets of industries in contemporary epoch and the need for fresh engineers to develop particular skills to succeed in the industry.



## Workshop – Stepping-in-Career

The Department of Management Sciences organized Stepping-in-Career Workshop on December 29, 2022. Mr. Waqas Ahmad Qureshi, Director, Parliamentary Development Programme (PDP), Pakistan Institute of Parliamentary Services was the Guest Speaker. He shared a detailed presentation on the topics “Intricacies of a Smooth Transition from Class Room into the Practical World”.

The Director Campus, Prof. Dr. Muhammad Abid, T.I., highlighted that professional development workshops like Stepping-in-Career are of great importance for the professional upbringing of our business graduates. He appreciated the efforts of the Head of the Department, Faculty in organizing a self-assessment activity to develop an understanding and enable graduating students to navigate their business skills.



## Day Game Development Workshop

CUI Wah FUNZONE society conducted two days workshop (22-23 December 2022) on game development, in which more than 40 students participated. This workshop was instructed by a senior student of BCS Mr. Umair Khan along with a team from the industry. The workshop contains the basics of game development apps like Unity 3D and unreal Engine.



## Why to be an IEEE Member

Department of Electrical & Computer Engineering, IEEE Chapter arranged a seminar titled “Why to be an IEEE member” on December 16, 2022. The resource person was Ms. Bakhtawar Nawaal, ASSR IEEE region 10 Islamabad.

The resource person shared the benefits and encouraged the engineering students to join the IEEE to generate the pool of resources and get benefited, opportunities that keep them updated on the advancements and developments in technology. They are briefed that by getting membership they can easily get access to the largest library of electrical engineering, computer science and electronics technical literature news and events. IEEE provided a platform to engineers to directly interact to gain or acquire latest knowledge on technology trends.



## How to be an Entrepreneur

The Department of Management Sciences and Eventix Society arranged a seminar on “How to be an Entrepreneur” on December 8, 2022. Mr. Ahmed, CEO of Mughlia Baithak, Wah Cantt, an alumni of CUI Wah and a successful entrepreneur was a resource person of the seminar. The purpose of the event was to share important steps and techniques with students on “How to be an Entrepreneur”.

The speaker discussed his experience and addressed the entrepreneur's abilities to develop and organize his limited resources, take initiative to handle uncertainties in order to make a successful entrepreneur. The speaker motivated the students to think and move forward with their own start-ups ideas.



### Workshop on “Internationalizations – Benefits and Realization

Awareness Session on “UK Application Process – Do’s and Don’ts”: The interactive /awareness session was organized by the Career Development Cell held during the workshop and delivered by the Associate Dean-Partnership, Cardiff Metropolitan University, UK, Dr. Fiaz Hussain (Cardiff-Met) from UK, on 5th Dec 2022. Faculty and students attended a workshop.

The purpose of the workshop was to share UK application Process, guide the faculty and students who intend to pursue higher studies abroad, the tips, Do’s and Don’ts needed to take care to start the admission procedure and in the selection of discipline.



### 4th China-Pakistan Marine Information Workshop

The fourth China Pakistan Marine Information (CPMI-2022) was held in CUI Wah Campus on Wednesday, November 16, 2022 and was jointly organized by academic and research institutions from China and Pakistan; including COMSATS University Islamabad, FAST, Pakistan Science Foundation, Pakistan Scientific & Technological Information Center, National Institute of Oceanography (Pakistan Partners), and Harbin Engineering University, China, Association of Science & Technology, Chinese Society of Naval Architecture, and Heilongjiang Science and Technology Association (Chinese Partners).



The Rector CUI, Prof. Dr. Muhammad T. Afzal, extended his gratitude for bringing the China Pakistan Marine Information Workshop in COMSATS and organizing it successfully to strengthen the scientific collaboration in the field of marine engineering and sciences.

The Rector appreciated the efforts of Prof. Dr. Muhammad Abid, Director Campus, Prof Gang Qiao, Dean of College of Underwater Acoustic Engineering, HEU, China and Dr. Niaz Ahmad for his throughout support in bringing this event a success.

### Workshop - Resume Clinic and Cover Letter

The Department of Mechanical Engineering arranged a workshop on "Resume Clinic and Cover Letter" November 3, 2022. The resource person for this workshop was Dr. Ambreen Shahnaz, Lecturer Department of Management Science CUI Wah. This workshop was arranged for the students for BS (ME) final year students.

Dr. Ambreen provided comprehensive knowledge regarding different types of resume, CV and cover letters.



### CPD Seminar on "Impact of Machine Learning in The Field of Civil Engineering"

One day CPD seminar was organized by the Department of Civil Engineering on October 13, 2022. The guest speaker, Dr. Muhammad Faisal Javaid, Head of the Civil Engineering Department from COMSATS University Islamabad, Abbottabad.

The speaker delivered the key features of the application of machine learning and models of performance-based evaluation to build facilities under extreme loads. He shared real case studies, explained solutions to practical issues using ML techniques, and demonstrated GeneXpro Tool 5.0 application. He also discussed the approaches involved in predicting and understanding the material's behaviors.



### Workshop on "LabView and Software Defined Radios for Engineers"

The Department of Electrical & Computer Engineering arranged a workshop on "LabView and Software Defined Radios for Engineers" on October 6, 2022 under the supervision of Assistant Professor, Dr. Zeeshan Kaleem. The workshop introduced the basics of applications of NI-LabVIEW and SDRs and provides training on how to integrate different equipment (NI and third party) as well as USRP with LabVIEW to process and visualize RF signals.



# Research & Discovery



### Institutional Collaboration with NPU, China

The Director Interdisciplinary Research Center, CUI Wah Campus, Prof. Dr. Muhammad Abid had meeting with Dr Li Ziwei, Vice Dean (Deputy Director) of the Office of International College Office of Global Engagement, Northwestern Polytechnical University, China on April 9, 2023 at Marriott Hotel Islamabad, during his institutional collaborative visit to Pakistan.

Both parties discussed the future framework of renewal of Memorandum of Understanding established between Northwestern Polytechnical University (NPU), China and

COMSATS Institute of Information Technology, Islamabad, Pakistan expired in December, 2019 to extend the mutual cooperation and to facilitate the research collaborations. The meeting was ended to strongly establish the renewal case of MoU to strengthen the collaboration through concerned offices.



### Industry-Academia Linkages with The National Aerospace Science and Technology Park (NASTP)

A high level team of officials from the Software Development House (SDH), National Aerospace Science and Technology Park (NASTP) visited CUI Wah Campus on March 10th, 2023 to further strengthen the industry academia linkages. It was a follow-up visit of delegation of COMSATS University Islamabad, Wah Campus to NASTP on February 16, 2023.

The Director Campus, Prof. Dr. Muhammad Abid, T.I. welcomed the team of NASTP comprising the Chief Director Software Development House (SDH)/ Air Commodore, Amir Azim, Wing Commodore, Amir Raza and Wing Commodore, Mehmood Ahmad. The vision and research productivity of different ongoing research projects were presented by the respective principal investigators. The team has been shown the facilities available at Mechanical Engineering Laboratories. The Director Campus briefed them on the strength and available infrastructure.



## 1st International Conference About COP27 Climate Change & Food Security

The Director Campus/UNESCO Water Chair on Knowledge Systems for Integrated Water Resources Management (IWRM), Prof Dr. Muhammad Abid, T.I., delivered the keynote address titled "Sedimentation –Threat to Dams and Food Security" in the 1st International Conference about COP27 Climate Change & Food Security on February 15, 2023 organized by the Arid Agriculture University Rawalpindi, Department of Agronomy, Rawalpindi.

Prof Dr. Muhammad Abid highlighted that dam sedimentation becoming a serious threat for the sustainability of irrigation and addressed the problems framed in water management, flood control, and production of energy. He emphasized in investigating the methods of removing sedimentation and the need to mapped storage fed irrigation for the well-being.



## Industry Academia Linkages

A team from Air Weapons Complex (AWC), Director, Dr. Asim Nisar, General Manager, Nabeel Mukhtar, and Assistant Manager, Ms. Shaista Ejaz visited CUI Wah Campus on February 14, 2023.

The Director Campus presented the Campus report on the infrastructure developments and on-going research activities. The Director HRD, AWC introduced the Air Weapon Complex and discussed their future plan of action to establish collaboration with CUI Wah Campus. The team visited the state-of-the-art laboratories of the Department of Mechanical Engineering which they appreciated and showed keen interest in establishing future research collaboration with CUI Wah Campus.



## MoU Inked Between CUI Wah Campus and ID-ware Pakistan (SMC) Private Limited

The Memorandum of Understanding (MoU) signing ceremony between COMSATS University Islamabad (CUI), Wah Campus and ID-ware Pakistan (SMC) Private Limited was held here at COMSATS University Islamabad, Wah Campus on January 24, 2023.

The MoU was signed between Director, CUI Wah Campus, Prof. Dr. Muhammad Abid T.I., and Chief Technology Officer, ID-ware, Mr. Ali Hasnain Rizvi. This cooperation leads to innovations by promoting the students' technical skills. It mobilizes linkages and cooperates to work with each other in organizing the Seminars, Conferences and Symposia. ID-ware will guide our students about the latest job trends in the market and shall provide Internships and Jobs.



## International Conference on Frontiers of Information Technology 2022

A two-day 19th International Conference on 'Frontiers of Information Technology' (FIT-2022), organized by COMSATS University Islamabad (CUI) started on Monday, December 12, 2022 at COMSTECH Secretariat, Islamabad. Minister, Planning and Development and Special Initiatives, Mr. Ahsan Iqbal Chaudhary and Executive Director COMSATS, Ambassador Dr. Mohammed Nafees Zakaria graced the occasion and inaugurated the COMSATS University Islamabad's 19th International Conference on Frontiers of Information Technology.



Mr. Ahsan Iqbal speaking at the occasion highlighted the importance of Information technology in today's era especially for the economic growth of Pakistan. Speakers from France, Netherlands, China, Ireland, Portugal, UK, USA and Pakistan are participating in the two-day conference organized by COMSATS University Islamabad in COMSTECH Secretariat, Islamabad.

Dr. S. Sohail H. Naqvi, Co-Founder and CEO KnowLEDGE Streams (Private) Ltd., Pakistan delivered a keynote address to the participating technical experts, students and dignitaries. Dr. Naqvi highlighted the importance of Bridging the Academia - Industry Divide. He emphasized on the key steps to follow for successful entrepreneurial ventures.

The conference is the 19<sup>th</sup> Annual event organized by COMSATS University consecutively in the last 2 decades and boasts of a very competitive acceptance rate among IT circles in Pakistan. The conference has been fostering new areas of IT since its inception and has this year captured attention of experts in Software Engineering, Pattern Recognition, Image & Natural Language Processing, Data Science, Water Informatics, Smart Grid, Energy & Electronics, Signal Processing and Cyber Security among others.

## Visit of Associate Dean-Partnership, Cardiff Metropolitan University, UK

Dr Fiaz Hussain, Associate Dean-Partnership from Cardiff Metropolitan University, UK along with his team in coordination of Chairperson/Associate Professor at the Department of Art and Design (DoAD), Ms. Farrah Mahmood along with the senior faculty members visited CUI Wah Campus on December 5, 2022.

The Director Campus Prof. Dr. Muhammad Abid, T.I., gave a brief presentation on CUI Wah Campus and emphasized that research and development are key to building bilateral relations. Dr. Fiaz introduced Cardiff Metropolitan University and discussed his objective of the visit to CUI Wah Campus. He deliberated the effectiveness of partnerships and internationalization benefits among universities.



### COMSATS University Islamabad, Wah Campus & Gazi University Collaboration

Prof. Dr. Yusuf Usta, Vice Director, Additive Manufacturing Technology Application and Research Center (EKTAM), Gazi University, Turkey and Dr. Fazal um min Allah visited CUI Wah Campus on August 5, 2022.

Dr. Usta introduced the Turkish Graduate level Education System, laboratory facilities, and the projects and research activities are being carried out at Gazi University. Both sides discussed the future area of collaborations and ties developing mutual academic relations. The Director Campus presented the Campus souvenir to the Guest with a vote of thanks.



### Research Collaborations between Ajman University, UAE and COMSATS University Islamabad

A senior level delegation comprising of Prof. Khaled Assaleh, Vice-Chancellor for Academic Affairs, Ajman University, UAE and Prof. Kamran Arshad, Dean of Research and Graduate Studies, Ajman University, UAE visited COMSATS University Islamabad on Jul 07, 2022.

Prof. Assaleh briefed the participants of the meeting about Ajman University. He further discussed his objective of the visit to CUI was a strong desire to establish and further strength long term academic and research partnership between the two institutions. Prof. Sajjad Madani, Registrar CUI gave a brief presentation about CUI. The various modes of collaboration and partnership between two universities were discussed at the level of students and faculty members between the delegates.



Prof. Dr. Muhammad Abid, T.I., Director, Wah Campus was assigned as Focal Person from COMSATS University for establishing research collaboration between research centers of both universities.

# Outreach & Public Service



## The Ground Breaking Ceremony of Academic Block-I at CUI Wah Campus

The ground breaking ceremony for the construction of New Academic Block-1 (125,000 sqft) was held on April 12, 2023 at CUI Wah Campus.

The Honorable Rector CUI, Prof. Dr. T. Afzal inaugurated the construction works by lifting the curtain from the plaque. On the occasion Director Campus, Prof. Dr. Muhammad Abid, T.I., members CUI Syndicate, Department / Section Heads, Faculty Members, representatives from the NESPAK and the construction company were present. The dua was held where all prayed for the development and nourishment of the CUI Wah Campus.

The ground breaking ceremony for the construction of Academic Block-I was an important milestone for the Campus's growth. It was a momentous occasion that symbolized the University's dedication to academic excellence and a commitment to the betterment of society.



## Open House and Job Fair - Spring 2023

COMSATS University Islamabad (CUI), Wah Campus organized Open House and Job Fair on June 8, 2023 for the graduating students of Spring Semester 2023 from the Department of Electrical & Computer Engineering, Civil Engineering, Mechanical Engineering, Management Sciences and Computer Sciences Department.

In this event, more than 600 graduating students showcased their Final Year Projects (FYPs) which portrayed their professional skills. The participating industry keenly observed the talent of students exhibited through these projects and shortlisted the talented students and conducted detailed interviews to select them for jobs in their companies. More than 145 companies participated, shortlisted, interviewed graduating students, and offered jobs. Judges from industry and academia evaluated these projects, appreciated, and guided them with their valuable input.



Industrial and academic representatives, faculty, and students visited and inspected the flagship projects. 237 projects from the six different disciplines Electrical & Computer Engineering, Civil Engineering, Mechanical Engineering, Computer Science, Software Engineering and Management Sciences were displayed.

In the closing ceremony, Dr. Majid Babar Bhatti, Executive Director of the National Information Technology Board (NITB), a seasoned ICT strategist, and expert in Cyber Security Risk Management, Digital Transformation, and Service Delivery was the Chief Guest.

### Visio Spark - 2023

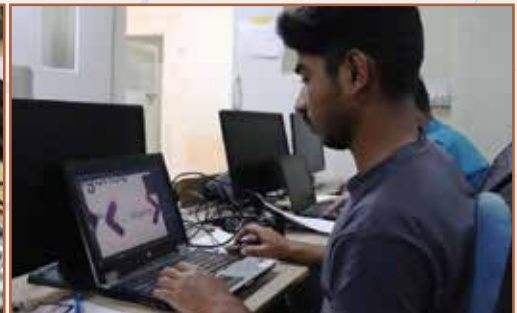
The 19th episode of the mega national level IT event "Visio Spark" was organized by the Department of Computer Science and Department of Electrical and Computer Engineering, COMSATS University Islamabad, Wah Campus on March 18, 2023.



The Honorable Prof. Dr. Akram Shaikh, Director General, Pakistan Scientific and Technological Information Center (PASTIC) & Pakistan Science Foundation (PSF) inaugurated the event as a Chief Guest. He appreciated the support of Director Campus, Prof. Dr. Muhammad Abid, T.I., in the conduct of Visio Spark.



This year, more than 900 students from 35 renowned universities/institutes across Pakistan participated in fifteen different Information Technology and Electrical Engineering related Competitions. Students from different Universities competed and showcased their learning skills in Software Project, Quiz, On Spot Programming, Code Debug, Mobile App development, Web Development, Poster Design, Logo Design, E gaming, Engineering Project, Microwiz, Speed Wiring, ROBO RACE, Circuit Troubleshooting and MATLAB Guru.



The Director Campus in his concluding remarks thanked the Chief Guest, Judges, all the Participants, and Organizers of the event and Faculty Members for their contribution in making this event a success.



## Student's Week

The Student's Week Fall-2022 semester was conducted at CUI, Wah Campus from October 31 – November 04, 2022. Sports, extracurricular activities and showcase of regional cultures of Pakhtoon, Punjabi, Saraiki and Kashmiri were the part of student week.



Students actively participated in Cricket, Football, Badminton, Table Tennis and Badminton, Indoor Games, E-Gamming, Dramatics and other competitions like Quiz, Calligraphy, Photography, Essay, Qirat and Naat competition.



Inter cricket tournament was held among different departments in which faculty and staff members played and showed their enthusiasm.



At the closing of events, trophies, souvenirs and certificates were distributed among winners, runner-up teams, individual participants and organizers.



## COMSATS Mathematical Olympiad

The COMSATS Mathematical Olympiad (CMO) was organized annually by the Department of Mathematics, COMSATS University Islamabad, Wah Campus under the flagship of UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM).



This event was conducted from February 06 – March 14, 2023 with the purpose to foster an interest of Mathematics in high level students to improve their problems solving skills through giving them a platform to participate and compete in this national level competition.



This year over 900 high level students from 28 colleges of Wah, Taxila, Hassanabdal, Islamabad, Rawalpindi, Kamra and Sawabi etc. attended the preparatory/training session from February 6 – 9, 2023. Besides course sessions, proper career counseling sessions were also conducted by each department at CUI, Wah Campus to groom them with their career potential skills. On Feb. 11, 2023, 890 participants appeared in the written test. The top five participants were selected for the final quiz. The Chairman Pakistan Foundation, Prof. Dr. Shahid Mahmood Baig, S.I., graced the prize distribution ceremony as a Chief Guest at the final competition.



The Director Campus, Prof. Dr. Muhammad Abid, T.I., in his closing remarks shared his deepest appreciation on the efforts of all participants for competing and toppers for gaining winning experience. The Director Campus acknowledged the efforts of organizers and faculty members from the Department of Mathematics especially Head of the Department, Dr. Shabieh Farwah for all of her team efforts in inviting the colleges and conducting this event in a befitting manner. He congratulated to all.



## Academic Excellence Certificates Distribution Ceremony

The Academic Excellence Certificates distribution ceremonies were held on December 29, 2022, and March 30, 2023 to acknowledge and honor the position holder students of Spring - 2022 and Fall - 2022.

The Director Campus, Prof. Dr. Muhammad Abid, T.I., graced the ceremony as Chief Guest. On the occasion Head of Departments/Section and Faculty Members were also present. The Director Campus distributed merit certificates to 112 students who achieved top three positions in each program at undergraduate level in BS(CS), BS(SE), BS(EE), BS(BBA), BS(AF), BS(CVE) and BS(ME) programs of Semester Spring - 2022 and 121 position holders who secured the first three positions having minimum 3.50 SGPA in Fall - 2022.



The Director Campus in his remarks congratulated awardees on their academic excellence and encouraged them to keep up their excellent academic achievement in the future. The Head of Departments also appreciated the students on their outstanding performance and motivated them to be focused in achieving academic excellence and success in every field of life.



## BIZ BUZZ Competition - Fall 2022

The Department of Management Sciences organized BIZ BUZZ Competition on December 01, 2022. It was the eighth episode of the business competitions which provide a great opportunity for students to present their challenging, innovative business ideas.

Fifteen teams of participants from various semesters of BS(BA) and BS(AF) programs participated in the event. Following two competitive events were part of the Biz Buzz.

- Business Idea Competition and
- Marketing Ad Competition

The business competitions like BIZ BUZZ are of great importance for the upbringing of our business students. The thought-provoking ideas also become a valuable addition to enhance the knowledge of audience who may seek some guidance and benefits from mentors. The Department will continue organizing such kinds of dynamic and fruitful events on a continuous basis for the professional growth and development of our business graduates. At the end of the competition, the Head of Management Sciences Department, along with a panel of judges, distributed shields and certificates among the winners, runner-up, participants and organizers.



### Tree Plantation Drive – 2023

The Tree Plantation Drive - 2023 was inaugurated at COMSATS University Islamabad, Wah Campus on June 27, 2023 by the Director Campus, Prof. Dr. Muhammad Abid, T.I.,

The Director Campus, Head of Departments/Sections, Faculty members, Officers, and Staff members participated and planted Silver Oaks trees beside the Football Ground walls. The aim of the plantation drive was to keep the Campus Green & Clean, reduce air pollution, mitigate climate change, and fight against global warming.



### Blood Donation Camp – Spring 2023

The Pakistan Red Crescent Society (PARC) organized a Blood Donation Camp at COMSATS University Islamabad, Wah Campus on May 23, 2023.

More than one hundred volunteers showed interest in donating blood out of which 91 blood units were collected for saving the lives of critical patients in emergency fighting against dread diseases.

The PARC acknowledged the continuous support of the management of CUI, Wah Campus for arranging the camp and really appreciated all the donor students and employees for their donation to saving many precious lives and serving humanity.



### Celebrations of World Water Day- 2023

The UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM), COMSATS University Islamabad, Wah Campus in recognition of World Water Day an annual United Nations (UN) observation day held on every March 22 arranged a seminar on "Accelerating Change for Water Security in a Changing Climate: Innovative Solutions for Improved Resilience" on March 16, 2023.

The aim of the seminar is to build the attention of society on the importance of water security and sustainable management of freshwater resources, and the effects of climate change on our livelihood. This year, the theme of the World Water Day is "Accelerating Change".





The Chief Guest of the seminar was the Vice Chancellor of the University of Wah, Prof. Dr. Jameel Un Nabi. In his remarks he appreciated the Water Chair for arranging this awareness-raising seminar on water resources management. He appreciated the efforts of Guest Speaker for delivering his talk in a very impressive way.



The souvenir with vote of thanks was presented to the Guest Speaker by the Chief Guest and Dr. Tahir Mahmood, HoD Civil Engineering presented the souvenir to the UNESCO Chair for organizing this seminar in a befitting manner.



### Observing Kashmir Solidarity Day

A Kashmir Solidarity Day walk was organized at COMSATS University Islamabad (CUI), Wah Campus on February 6, 2023 to express solidarity with the oppressed Kashmiri people in their just and legitimate struggle for the realization of their inalienable right to self-determination.

Faculty, staff and students participated in the walk, displayed posters against the illegal occupation of Indian Army in Jammu & Kashmir and for right of Freedom of Jammu & Kashmir. Attendees also expressed their solidarity with the Kashmiris and supported their just cause of self-determination.



### Celebration of World's Disable Day – 2022

The COMSATS University Islamabad (CUI) Wah Campus jointly celebrated the International Day of Persons with Disabilities 2022 with Young's Muslim Inclusive Education System, Wah Cantt on December 2, 2022.



The objective of this event was to spend some good time with the special children of “Young’s Muslim Inclusive Education System” to show solidarity, reduce inequalities by raising awareness among youth towards their responsibility to special kids. This activity built the understanding among the students of CUI on mobilizing their support for the well-being of all those who are with any disability.



The students from CUI Wah Campus participated in the event with open heartedly. The event started with a half kilometer walk with special kids on the main GT road to their school to show unity with them. The students arranged a painting and gaming stalls to make this day special for special children. The kids enjoyed face painting and playing games.



At the end gifts were distributed among the special children by the CUI Wah Campus students.



### ExclTe - 2023

A group of 23 students from the Department of Computer Science participated in ExclTe Cup 2023 organized by Capital University of Science and Technology (CUST), Islamabad on May 27, 2023.

The students got runner-up positions in quiz competitions and 1st & 3rd in table tennis.



### Congratulations To Ms. Reemal Imtiaz

The student from the Department of Computer Science Ms. Reemal Imtiaz has secured the second position in All Pakistan Inter University Bilingual Declamation Contest 2023 held at HEC on May 4, 2023 in Islamabad.

She participated in the English contest on the theme, 'My Constitution - Guarantee of My Freedoms', organized to celebrate the 50th anniversary of the Constitution of Islamic Republic of Pakistan by the Higher Commission of Pakistan (HEC). Federal Minister for Law and Justice Azam Nazeer Tarar was the Chief Guest of the event. On the occasion the Chairman HEC, Dr. Mukhtar Ahmed, Executive Director HEC, Dr. Shaista Sohail and other dignitaries congratulated the winners and emphasized on the role of leaders and teachers in nation building.



### Participation In ASME International Engineering Festival

The Department of Mechanical Engineering, ASME CUI Wah Chapter team participated in ASME International Engineering Festival EFX 2023 organized by UET Peshawar from March 11-12, 2023. The event consisted of seminars, different competitions, and cultural events.

Mr. Danish Shahid, Vice president of ASME CUI Wah along with two other students of the final semester Mr. Ahmed Usman and Mr. Muhammad Suleman Butt participated in the Elevator Pitch Competition.



### Participation in "The 3rd Engineering Capstone Expo-2023" at Pak-China Friendship Center, Islamabad.

CUI, Wah Campus participated in "The Pakistan Engineering Council organized the 3rd Engineering Capstone Expo-2023" held on January 12, 2023, at Pak-China Friendship Center, Islamabad.

The students were accompanied by Dr. Ayaz Ahmad, ECE Department as the focal person for the event, and FYP coordinators and supervisors: Dr. Hammad Salah Uddin, Dr. Adnan Nawaz, Dr. Rana Faisal Tufail, and Dr. Fazal Um Minallah.

Three teams from the Department of Mechanical Engineering and two from the Department of Civil Engineering exhibited their FYPs at the event from CUI Wah Campus. In this expo, students from more than thirty universities showcased their Final Year Projects (FYPs). The projects of CUI Wah Campus students were appreciated by the Jury members and the visitors.



## Participation of FYP of COMSATS University Islamabad, Wah Campus In NASTP Exhibition

The COMSATS University Islamabad, Wah Campus, actively took part in the exhibition of final year projects jointly organized by the National Aerospace Science & Technology Park (NASTP) and their Turkish Counterpart held from January 11th - 13th, 2023 at NASTP.

Eleven shortlisted Final Year Projects from the Computer Science and Mechanical Engineering Department were displayed to showcase the learning and technical strength of the students of CUI Wah Campus.



The aim of the exhibition was to foster the research, innovation and developments in the field of aviation and IT by providing an opportunity to academia to showcase their innovations to audiences from the industry and academia. In the concluding remarks, Chief Director (Training) NASTP expressed his hope that the 6th JWG arranged at NASTP would result in continued collaboration between academia of Pakistan and Turkey in mutual areas of research and development.

## Industrial Visit – Silver Lake Foods LIMITED

The Department of Mechanical Engineering arranged an industrial visit to the Silver Lake Food Limited (Kims Food) plant for undergraduate students of the 6th semester on May 18, 2023.

During the visit, students had a fruitful interactive question-answer session with Silver Lake Foods Plant experts in which they discussed the roles of a Mechanical Engineer in this industry. Students acknowledged the emergence of a multidisciplinary stream and the importance of Automation and Electromechanical systems in the field of Mechanical Engineering.



## ECE Industrial Visit at National Institute of Electronics

The department of Electrical and Computer Engineering conducted an Industrial visit for the Electronics, Computer and Telecom students to National Institute of Electronics, Islamabad. A total of 20 students visited the industry in supervision of Engr. Riaz Junejo and Engr. Abdullah Shoukat.

The Institute has highly trained/experienced pool of engineers, scientists and technicians, Qualified from the leading universities/institutions of the world. The institute is a premier design and development organization in the field of electronics in Pakistan.



### A Field Trip to Sangjani Water Treatment Plant

Department of Civil Engineering arranged an educational field trip of BS (Civil) Engineering, 6th Semester to Sangjani Water Treatment Plant on May 25, 2023, to mobilize their experiential learning. The Sangjani Treatment Plant takes water from Khanpur Dam and treats almost 25 million gallons of water per day and supplies it to the citizens of twin cities Rawalpindi and Islamabad.

Mr. Ameer Mehmood Khan, Assistant Director from the CDA warmly welcomed the students and briefed them on the process of intake structure, components of water treatment like sedimentation, coagulation, filtration, disinfection and the storage of treated water.



### Industrial Visit to Gadoon Textile Mill KPK

The Department of Management Sciences arranged an industrial visit to the Gadoon Textile Mill, KPK on December 29, 2022. The aim of the visit was to familiarize the students with the practical implementation of theoretical knowledge which they learned in their course of "Production & Operations Management". The student's delegation was accompanied by Assistant Professor; Dr. Muhammad Aamir Saeed was warmly welcomed by the factory officials.



The production manager gave a brief introduction about the company processes. After that students visited different segments of production and learned how the operations like productivity, forecasting of demand, product design, quality control and inventory system as well different projects were being managed. The visit was a good learning experience; students raised several queries and clarified their theoretical concepts.

### Industrial Visit - BESTWAY Cement Limited, Farooqia Plant

The Department of Mechanical Engineering arranged an industrial visit for the students of BS(ME)-5th semester to the BESTWAY Cement Limited, Farooqia plant on December 29, 2022.

The students visited the quarry and crushing area, where they learned about the different types of stones used



in cement manufacturing, how the mining and crushing process works, the different types of crushers, stackers, reclaimers, feed sample collection, and how the feed is moved to the next department/area using a conveyor belt. The students were briefed about the raw mill rollers, bed, the operation of cyclones, dust collectors, the separation of coarse and fine particles.

During the visit, students had a fruitful interactive question-answer session with Bestway Cement Plant experts in which they discussed the roles of a Mechanical Engineer in this industry. Students acknowledged the emergence of a multidisciplinary stream and the importance of Automation and Electromechanical systems in the field of Mechanical Engineering.

### Industrial Visit to the Rawalpindi Railway Station

The Department of Civil Engineering arranged an Industrial Trip of students under the supervision of Assistant Professor, Dr. Danish Farooq on December 15, 2022 to brief and provide them an opportunity to practically examine the insight of the Rawalpindi Railway Station architecture and railway tracks.



The trip brings out the clarification of the course contents of Transportation Engineering. The Victorian-era Rawalpindi Railway Station is a notable example of Indo-British architecture in the region. The station has five platforms 1,800 feet long and 150 feet wide.

The students also examined the safety and signaling system on spot. The modern equipment used for performance tests of Asphalt mix in the Research area.

ENGINEERING & TECHNOLOGY	COMPUTER SCIENCE	ECONOMICS AND ECONOMETRICS	NATURAL SCIENCES	BUSINESS AND MANAGEMENT STUDIES
GLOBAL RANK <b>267</b>	GLOBAL RANK <b>251-300</b>	GLOBAL RANK <b>301-350</b>	GLOBAL RANK <b>451-500</b>	GLOBAL RANK <b>401-450</b>
NATIONAL RANK <b>2</b>	NATIONAL RANK <b>2</b>	NATIONAL RANK <b>2</b>	NATIONAL RANK <b>2</b>	NATIONAL RANK <b>4</b>

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