



# SDGs @ CUI Wah Campus

Volume1 July - December 2022

Newsletter



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Rector CUI**Editor:**Prof. Dr. Muhammad Abid, T.I.,  
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Ms. Shama Munir

COMSATS University Islamabad (CUI) is a public sector University working under the aegis of Ministry of Science and Technology, Government of Pakistan. CUI is among one of the top ranked university in Pakistan with six (06) broad faculties including Engineering, Information Science and Technology, Business Administration, Architecture & Design, Sciences and Health Informatics. The CUI Wah Campus is committed working under the Sustainable Development Goals (SDGs) or Global Goals are a collection of 17 interlinked global goals and 169 targets designed to be a "blueprint to achieve a better and more sustainable future for all". It's a universal call to action to end poverty, protect the planet that all people enjoy peace and prosperity. CUI Wah Campus is actively contributing its role to achieve a better and more sustainable future for community at local, national and international levels, being engaged in different SDGs. At Wah Campus, faculty is highly qualified with 85 PhDs and remaining are MS qualified, reasonable ratio of female faculty and students.



UNESCO Chair on Knowledge Systems  
for Integrated Water Resources Management  
COMSATS University Islamabad (CUI),  
Wah Cantt, Pakistan



UNESCO Chair in Knowledge Systems for Integrated Water Resources Management (IWRM) was established in 2014 at CIIT-Wah, Campus Pakistan. The purpose of the Chair is to promote an integrated system of research, training, information and documentation on water resources management, facilitating high-level international collaboration for researchers and teaching staff of the university and other institutions in Pakistan with those in other parts of the world. The establishment of the UNESCO Chair is a milestone in the history of COMSATS University Islamabad, Wah Campus since it can now be ranked among a selected group of institutions focusing on water resources management. To achieve its goals IWRM focuses on spreading knowledge through organizing webinars, seminars, conferences, competitions and awareness activities and providing quality education for elimination of poverty. The UNESCO Chair is fully committed in supporting ensuring sustainability by contributing under

**SDG 5 Promote Gender Equality and Empower Women**  
**SDG 6 Clean Water and Sanitation**

## ***SDG 1: No Poverty***

*End Poverty in all its forms everywhere*

### **Poverty Alleviation through Education**

Need Based and Merit Scholarships provided with the aim to elevate social-economic status of the students by enabling them to get the higher studies and to build their career in different fields. Need based scholarships awarded to address the low income Families and to alleviate Poverty.

### **Skills Development for Poverty Reduction**



CUI Wah Campus strongly believes in improving the livelihood of low income families. In this, by providing a platform to improve the technical skills of the vocational trainers and preparing them for skill based jobs giving an opportunity of internships. Vocational education serve to promote social stability and sustainable economic in social development of people.



Female students of Graduate Program from the Department of Computer Science, CUI Wah Campus awarded with USAID Merit & Need based Scholarship attended the workshop on Small Business Startup and Management organized by the HEC and USAID held on November 16-18, 2022. The workshop covered all the points about how student can start a business at the smallest level and then grow it with time and achieving sustainable development in capacity building of career.



### **Training on Financial Management to Audit GoP Funded Projects**

Mr. Muhammad Rafiq, Assistant Program Officer from Student Financial Aid Office (SFAO) from CUI, Wah Campus attended the two day training on October 24-25, 2022. The training provides deep insight about the mechanism of financial management in the public sector and briefed the mechanism of processing and implementation of Government funded scholarship projects including EHSAAS, Undergraduates Scholarship Program and USAID, Merit & Need Based Scholarship Program offered to the meritorious and financially disadvantaged students with the aim of providing them quality education to fight against Poverty and Empowering Girls.





## ***SDG 3: Good Health and Well-Being***

*Ensures Healthy Lives and Promote Well-Being for all at all Ages*

### **Solidarity to Community by Blood Donation**

The Pakistan Sweet Home Blood Bank arranged a Blood Donation Camp. More than 55 donors (Students, Officials and Staff Members) donated blood to save many precious lives affected with Thalassemia, Hemophilia and Blood Cancer.



### **Vocational Trainings at CUI Wah Campus for Empowering Youth**



The Director Campus, Prof. Dr. Muhammad Abid, T.I., awarded interneers with appreciation certificates in recognition of their dedication and hard work. He provided motivation to the interneers and extends the commitment of CUI Wah Campus to fully support the VTI students in providing on-the-job trainings. He putted the role of CUI Wah Campus in combating poverty and empowering youth towards self-sufficiency.

### **International Day of Disabled Persons**

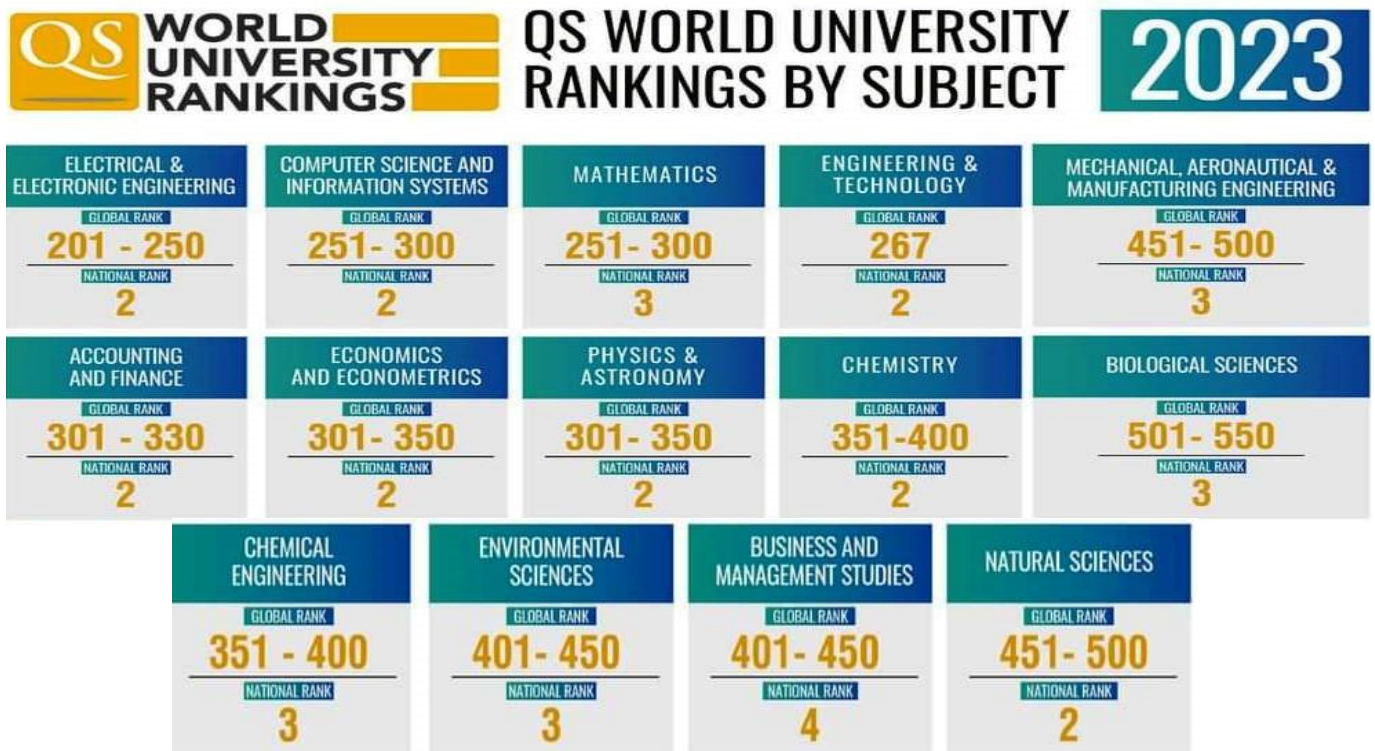
The CUI Wah Campus and Young's Muslim Inclusive Education System, Wah Cantt jointly celebrated the International Day of Persons with Disabilities on December 2, 2022. The aim of the event is to spent quality time with the special children of “**Young's Muslim Inclusive Education System**” and expressed solidarity, raise awareness among young people about their responsibility towards those with special needs and to promote social inclusivity and to reduce inequalities.





## SDG4: Quality Education

*Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all*



COMSATS University Islamabad is globally ranked among top 200 - 500 in different disciplines **as per QS World University Ranking 2023**. On National Level, CUI is ranked 2<sup>nd</sup> in Electrical & Electronic Engineering, Computer Science and Information Systems, Engineering & Technology, Accounting and Finance, Economics and Econometrics, Physics & Astronomy, Chemistry and Natural Sciences, ranked 3<sup>rd</sup> in Mathematics, Mechanical Aeronautical & Manufacturing Engineering, Biological Sciences, Chemical Engineering, Environmental Sciences and ranked 4<sup>th</sup> in Business and Management Studies.

The COMSATS University Islamabad has been ranked 3<sup>rd</sup> among the top Federally Chartered Universities and 6th among all Universities of Pakistan as per the **Times Higher Education (The) World University Ranking for 2023**.



### Faculties Ranked by the World Ranking - 2023 by Subject



### SDG's at CUI Wah

CUI Wah has focused on the adaptation of SDGs by engaging and providing quality higher education and empowering women by enabling them to become an active member of the society. The CUI offers a platform for women to enhance their skills through knowledge-sharing activities and grooming them to contribute as active member of society. In this, Presently CUI Wah Campus is contribution under SDG's 1, 3, 4, 5, 6, 8, 9,14 and17.





At CUI Wah Campus, we have highly qualified and motivated faculty with **85** PhD's more than 50%. In last one year our faculty has contributed **183** research publications and in research projects of worth **Rs. 110 million** which is a strong testimony of our faculty accomplishments in research and imparting quality education to the students.

**Faculty Award of Excellence :** The Pakistan Academy of Sciences has awarded PAS-COMSTECH Prize in Computer Science (IT) 2022, to Dr. Muhammad Sharif, Associate Professor, Computer Science Department in recognition of his outstanding research work in the subject.



### Quality Education @ CUI Wah

CUI Wah Campus is playing its role for high-quality education, innovative research and in achieving global and regional reputation.

It is pertinent to mention that at CUI Wah all programmes of Engineering, Computer Science and Management Sciences are accredited by the accreditation bodies

**Pakistan Engineering Council (PEC)**  
**National Computing Education Accreditation Council (NCEAC)**  
**National Business Education Accreditation Council (NBEAC)**



#### PEC Re-Accreditation

Department of  
Electrical Engineering  
Pakistan Engineering Council,  
Islamabad has re-accredited  
BS Electrical Engineering Degree  
Program of CUI Wah Campus for  
four years i.e. intake Batches  
2018, 2019, 2020 & 2021 under  
Level-II.



#### NBEAC Re-Accreditation

Department of  
Management Sciences  
The National Business Education  
Accreditation Council (NBEAC)  
has granted re-accreditation of  
BS Business Administration and  
Master of Business  
Administration (MBA) for three  
years under "X" category



#### PEC Re-Accreditation

Department of  
Mechanical Engineering  
Pakistan Engineering Council,  
Islamabad has re-accredited  
BS Mechanical Engineering  
Degree Program of CUI Wah  
Campus for two years i.e. intake  
Batches 2018 & 2019 under  
Level-II.



### Welcome and Orientation Ceremony of New Intake

An orientation ceremony for the Fall - 2022 semester was held on September 11, 2022 to welcome the newly admitted students. The Director Campus and HoDs welcome the new intake and their parents. The concerned Head of Departments and Class Counselors provides an overview of the campus facilities, academic policies and regulations, the semester system and laboratory facilities. A campus tour is provided to the new students' and their parents to acquaint them with the campus environment and administrative offices.

## Quality Education - Academic Excellence Award Ceremony for Students



A ceremony was organized on December 29, 2022 to distribute Academic Excellence Award to commend the outstanding academic performance of students during the Semester Spring-2022 at CUI Wah Campus.

The Director Campus, Prof. Dr. Muhammad Abid, T.I., graced the ceremony as Chief Guest and distributed acknowledgement certificates among 112 students who secured top three positions in their respective undergraduate programs including BS(CS), BS(SE), BS (EE), BS(BBA), BS(AF), BS(CVE) and BS(ME) programs.

In his address, the Chief Guest congratulated the students for their exceptional academic achievement and highlighted the appreciable ratio of female (49%) and male (51%) students winning the merit certificates. Head of Departments /Sections and Faculty Members were also present. The Head of Departments appreciated the students on their remarkable performance and encouraged them to be persevere in their pursuit of academic excellence.



### Convocation @ CUI Wah Campus

The worthy Rector CUI, Prof. Dr. Muhammad Tabassum Afzal., presided over the convocation ceremony of COMSATS University Islamabad (CUI), Wah & Attock Campus on Thursday the October 27, 2022 at A total of **808 graduating students of CUI Wah Campus** and **431 graduating students of CUI Attock Campus** received their degrees at the undergraduate and graduate levels in disciplines including Management Sciences, Electrical & Computer Engineering, Civil Engineering, Mechanical Engineering, Computer Science and Mathematics. **33 graduates of CUI Wah Campus** and **28 graduates of CUI Attock Campus** were honored with gold, silver, and bronze medals in recognition of their exceptional academic performance. 14 graduates from CUI Wah Campus were awarded with the PhD degrees in the field of Electrical & Computer Engineering, Computer Science and Management Sciences.



### Congrats to Ahmed Bilal for Winning Mitacs Globalink Research Internship at Canada



Ahmed Bilal, student of BatchoSE, has secured position in a highly competitive research program Mitacs Globalink Research Internship Canada in University of Winnipeg, Manitoba, Canada, for the project "A Machine Learning Approach for Failure Prediction of Network Elements", under the supervision of Associate Professor, Dr. Nadir Shah. He will be visiting and work at University of Winnipeg, Manitoba, Canada for three months.



## ***COMSATS Mathematical Olympiad (CMO)***

COMSATS University Islamabad (CUI), Wah Campus under the flagship of UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM) organized COMSATS Mathematical Olympiad (CMO) from March 12 – 25, 2022 to celebrate the International Day of Mathematics (IDM). The theme of the event was to foster an interest in Mathematics and improve the skills of participants through a healthy problem-solving competition. On March 12, 2022, 393 participants appeared in the written test. Top 6 contestants were selected for the final quiz competition held on March 25, 2022. The Chief Guest, the Director Campus, Heads of Departments, College Principals, Teachers and Students from different colleges attended the event. The Dr. Shabieh Farwa, Head of Mathematics Department briefed about the purpose and motivation of this activity.



During the event, the message of the Director General, UNESCO Pakistan, Ms. Audrey Azoulay was read. The Director, CUI, Wah Campus, Professor Dr. Muhammad Abid, T.I., addressed the audience and encouraged the students to develop their skills in the field of mathematics. The Chief Guest Prof. Dr. Sajid Qamar, Dean Faculty of Sciences, COMSATS University Islamabad also spoke at the gathering. He further elaborated the need of mathematical skills to cope with the current challenges across the globe. At the end, he distributed certificates, shields and cash prizes among the winners of the top three positions.

1. Syed Faiq Haider Naqvi, from The Scholars Science College, Wah Cantt.
2. Muhammad Yousuf Khalid from Cadet College Hassanabdal.
3. Rafia Mushtaq from F. G. Post Graduate College for Women, Wah Cantt.

**The theme of the event was to foster an interest in Mathematics and improve the skills of participants through a healthy problem-solving competition**

## **Industrial Open House and Career Job Fair**

The Campus Director Prof. Dr. Muhammad Abid, T.I., welcomed participating industry representatives and highlighted the importance of students welfare at CUI Wah Campus. He emphasized on the mutual benefits of collaboration between academia and industry, which provides students with practical training and real-world experience, preparing them for their future careers and enhancing their learning skills that helps them to prepare for their future careers and ensure that they are able to succeed in the competitive job market. In his talk the Campus Director discussed the quality of talent available at CUI Wah Campus and encouraged companies to hire from the student pool. The event saw participation from 53 companies including 39 from Computer Science Department and 14 from the Management Sciences Department. According to feedback from the companies, 372 students were interviewed, and 142 students were shortlisted for job offers with further shortlisted interviews planned online by the companies.



## SDG 5: Gender Equality

*Achieve gender equality and empower all women and girls*

**Women Empowerment through Quality Education:** High quality education at CUI Wah enables women to accomplish more in their career, social and economic lives. This semester 5 female are awarded with the degrees of Doctor of Philosophy (PhD) and 84 got Master of Science degrees in the field of Electrical Engineering, Computer Science and Management Sciences.

### Training on Empowering Women in Geospatial Information Technology

Engr. Sumera Fahmi Khan from the Department of Civil Engineering/member of UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM) was attended the online training titled "Training on Empowering Women in Geospatial Information Technology – 2022 edition from August 16-19, 2022. The training was organized by the International Centre for Integrated Mountain Development (ICMOD) and the Bangladesh Forest Department (BFD) within the framework of the SERVIR-HKH Initiative supported by the United States Agency for International Development (USAID) and National Aeronautics and Space Administration NASA).



### Awareness Seminar



Ms. Bakhtawar Nawaal, ASSR IEEE region 10 Islamabad delivered a seminar on December 16, 2022 to share the benefits and encourage the female engineering students to join the IEEE to generate the pool of resources and get benefits from the opportunities that keep them updated on the advancements and developments in technology. They 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. The seminar ended with a vote of thanks by the Associate Professor, Prof. Dr. Nadia Nawaz.

**Acknowledgement :** To acknowledge the hard work in recognition of faculty members/staff efforts in their efforts for successful conduct of accreditation visits by the Pakistan Engineering Council (PEC) and National Business Education Accreditation Council (NBEAC) in the year 2022. In his address, Director Campus emphasized that sustainability in job responsibilities will boost the employee morale which promotes productivity in achieving long-term success in their career. He encouraged employees to put extra effort and be consistent in performing their duties with full dedication for the success of the institution.





## ***SDG 6: Clean Water and Sanitation***

*Ensure Availability and Sustainable Management of Water and Sanitation for All*

### **Celebrations of World Water Day**

**UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM)** at CUI, Wah Campus celebrated **World Water Day** on March 31, 2022. Organized a Seminar titled **"Monitoring Climate Extreme Events through Remote Sensing and Modelling"** followed by a **Poster Competition** with this year theme **"Groundwater: Making the invisible visible"**. The resource person Dr. Mukhtar Ahmed, from Department of Agronomy, PMAS, Pakistan enlightened the participants about the impact of extreme climate events on the agricultural sector of Pakistan. Seminar and Poster competition supported the Chair effort to achieve the Sustainable Development Goal 6: Water and Sanitation for all.



### **Water Informatics and Communication Technical Session Offered in 19th International Conference On Frontiers of Information Technology, Islamabad, Pakistan.**

The session was held on December 13, 2022 including two invited talk and research paper presentations. The invited talks were presented by

1. Deep Sea Underwater Acoustic Release: Design Consideration and its Marina Trench Application was delivered online by Songzuo Liu, College of Underwater Acoustic Engineering, Harbin Engineering University, China.
2. SST Variability in the Tropical Indian Ocean during ENSO AND IOD Events by Sartaj Khan, Centres of Excellence in Science and Applied Technologies (CESAT), Pakistan.

The researchers presented following research papers and shared insights of their research

1. Experimental Study and Results on Real-Time Communication via Gigabit Ethernet in Underwater Sensor Array System by Kashif Waqas, Umer Hamid and Shahid Ali.
2. Measurement-based Analysis of Characteristics of Fast Moving Underwater Acoustic Communication Channel by Yang Wang, Hanglu Yan, Chenyu Pan and Songzuo Liu.
3. ARIQ: Towards Area Adjustment and Rounding of Intermediate Nodes for Quadrilateration in Blockchain Enabled Underwater Beacon Node Localization by Sheikh Umer, Tariq Ali and Sana Yasin

The whole session talks were very informative and acknowledged by the participants.



## ***SDG 8: Decent Work and Economic Growth***

*Promote Sustained, Inclusive and Sustainable Economic Growth, Full and Productive*

The honorable Rector CUI, Prof. Dr. T. Afzal and the team of Principal Officers paid a visit to CUI Wah Campus on September 7, 2022. The Campus Director Prof. Dr. Muhammad Abid T.I., and Additional Registrar, Dr. Jawwad Ahmad extended a warm welcome to the guests. The team embarked on a comprehensive tour of the Campus. During they visited various facilities such as, the new Library and IT Center as well as the Allama Iqbal and Quaid e Azam Blocks. Furthermore a centralized meeting with all the Head of Departments was convened and academic progress was at length. The Director Campus presented a comprehensive overview of the campus presentation on campus strength, academic progress, facilities as well as research and development projects. The team also visited the new city campus site area. The meeting concluded with the vote of thanks.

### **CUI's Stepping Stone-in- Building a Career**

A self-assessment activity was arranged with the aim of fostering an in-depth comprehension and enabling the graduating students to effectively navigate their business skills. Following activities were the part of the workshop:

- Know Yourself – Assessment Test
- How to make a Winning CV and Cover Letter
- The Intricacies of a smooth Transition from classroom into the Real World
- Importance of Effective Communication
- Personal Grooming
- Mock Interviews

### **Pakistan Engineering Council (PEC) held the 3rd Engineering Capstone Expo-2023 at Pak-China Friendship Center, Islamabad**

Participation in "The Pakistan Engineering Council held the 3rd Engineering Capstone Expo-2023 at Pak-China Friendship Center, Islamabad."

CUI, Wah Campus participated in "The Pakistan Engineering Council held the 3rd Engineering Capstone Expo-2023" held on January 12, 2023, at Pak-China Friendship Center, Islamabad. In this expo, students from more than thirty universities showcased their Final Year Projects (FYPs). From CUI, Wah Campus, three teams from the Department of Mechanical Engineering and two from the Department of Civil Engineering exhibited their FYPs at the event.

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 were accompanied the students.



**Seminar on "How to be an Entrepreneur",** The speaker Mr. Ahmed, CEO of Mughlia Baithak, Wah Cantt, an alumni of CUI Wah Campus 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.

### **BIZ BUZZ Competition**

BIZ BUZZ Competition, the eighth episode of the business competitions held on December 01, 2022 with a aim to compete with the challenging, innovative business ideas. Fifteen teams of participants from various semesters of BS(BA) and BS(AF) programs participated in

- ☐ Business Idea Competition and
- ☐ Marketing Ad Competition





## START a Startup

The Student Startup Business Center (SSBC) of CUI, Wah Campus arranged a seminar **“How to Start Your Own Startup”** on October 20, 2022. Mr. Azad Chaiwala, a successful entrepreneur and motivational speaker was the resource person. The seminar was organized under the vision of worthy Director Campus, with a aim to sharpen the thinking of student to startup their own business and become a successful self – employed entrepreneur.

Mr. Azad discussed the ways of self-growth. He emphasized eliminating fare of loss and rejection in their life and proceeds with the little before starting with big investments. He advised students with learning they try inculcate some creativity to become a useful for the benefit of others. Build developing ideas to improve efficiency and become prepare for the challenges with a new prospective.

The Director Campus in his closing remarks endorsed the need of being skillful and useful for society and their own families. He encouraged the students to learn from those who have experience and take calculated risks and start their own businesses.



## Content Prefetching and Retrieval in Vehicular Named and Data Networks

Seminar arranged on “Content Prefetching and Retrieval in Vehicular Named Data Networks” on December 8, 2022 by the Department of E&CE. The guest speaker was an alumni of CUI Wah Campus, working as Regional Manager at HKH South Korea, Dr. Muhammad Toha Raza Khan, PhD in Computer Science and Engineering from Kyungpook National University (KNU) School of Computer Science and Engineering specialization in Vehicular Ad hoc Networks, Information Centric Networks and Machine Learning in Networking. The speaker provide basics of content fetching in conventional Vehicular Named-Data Network (V-NDN) , which faces and enhanced the high latency problem that increases with the increase of inter-vehicular distance between the content requester and content producer vehicles in the Content-centric Internet of Vehicles (CioV). At the end of the Assistant Professor, Mr. Fasih ur Rehman presented CUI Wah Campus souvenir to the guest speaker with vote of thanks.



Dr. Luqman Ahmed Niaz, Assistant Professor Form HITEC University Taxila was presented a comprehensive knowledge on maintenance practices involved and ISO standards used in vibration analysis in industry on October 20, 2022 under the category of department specific skills in coordination with ASME society.

## ***SDG 9: Industry, Innovation and Infrastructure***

*Build Resilient Infrastructure, Promote inclusive and sustainable Industrialization and Foster*

### **International Collaboration with Shenzhen University, China**

Dr. Muhammad Sadiq, Head of Liaison Office from Shenzhen University (SZU), China accompanying by Mr. Ali Tawab Baloach, Head of International Office (IO), CUI visited CUI Wah Campus on September 12, 2022 to explore opportunities of collaboration. The aim of the visit was to discuss the prospects of joint research, mutual degree programs, faculty training and exchange initiatives between CUI Wah Campus and Shenzhen University (SZU).



### **Strengthening the Industrialization**

A team comprised of Prof. Dr. Muhammad Akram Shaikh, Director General, Saifullah Azim, Principal System Analyst and Dr. Syed Aftab Shah, Additional Director from the PSF- Pakistan Scientific and Technological Information Center (PASTIC) visited CUI Wah Campus on September 8, 2022 to discuss the potential joint collaborations in organizing different events. The Director Campus, Prof. Dr. Muhammad Aibid, T.I., in his remarks acknowledged and assured ever-possible facilitations from CUI Wah Campus to strengthen and improving the areas of STEM (Science, Technology, Engineering and Mathematics).

### **Capacity Building Seminar on “Preparing Yourself for the Software Industry”**

The Career Development Cell (CDC) at CUI Wah Campus in collaboration with the Department of Computer Science has arranged a capacity-building seminar on October 6, 2022. The speaker CEO, ID-ware Group B.V. Denhagg Germany, Mr. Ali Hasnain Rizvi talked on the practices and trends of hi-tech corporate world of software industry as its market share in meeting the increasing demand of digitization. Mr. Razvi emphasized the importance of processing the required expertise to pursue a successful career in the IT world which demands constant expertise to excel.



### **Seminar on Entrepreneurship**

Mr. Muhammad Haseeb Riaz, a distinguished alumnus from the Department of Management Sciences and the Founder CEO of RY Technologies, delivered a talk on his experience as an entrepreneurship on September 29, 2022. Mr. Riaz highlighted that while it is crucial to have dreams, the reality is that limited resources in both public and private sectors make it challenging to provide jobs for everyone. Thus, entrepreneurship presents a viable alternative, where individuals can become their own bosses and create employment opportunities for others. alternative solution is entrepreneurship, where you not only become your boss but also provide jobs to others.





## Academic and Scientific Collaboration with Ajman University

A delegation from COMSATS University Islamabad (CUI), headed by the worthy Rector CUI, Prof. Dr. Muhammad T. Afzal and Director CUI Wah Campus, Prof. Dr. Muhammad Abid, T.I., undertook a visit to Ajman University (AU), UAE from November 21 – 25, 2022 to ink memorandum of understanding (MoU) to establish joint academic and scientific cooperation between the two institutions.



During the visit, several meetings were held with notable personnel, including the Vice Chancellor of Academic Affairs, Prof. Khaled As-saleh, Dean, Graduate Studies and Research, Dr. Kamran Arshad and Executive Director Office of Institutional Planning and Effectiveness, Prof. Mustahsan Mir. The worthy Rector elaborated the international rankings that COMSATS University Islamabad (CUI) has earned in recognition of its excellence in teaching and research as well as its active engagement in internationalization efforts. The Director CUI Wah Campus, Prof. Dr. Muhammad Abid, T.I., also provided updates on on-going research activities.

## Cooperation and Coordination with Cardiff Metropolitan University, UK

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



The Director Campus emphasized on that research and development are key to building bilateral relations. All heads of department also present on the occasion. Dr. Fiaz introduced and deliberated the effectiveness of partnerships and internationalization benefits among universities.





## ***SDG 14: Life below Water***

*Conserve and Sustainably use the Ocean, Seas and Marine Resources for Sustainable Development*

### **4th China—Pakistan Marine Information Workshop**

The Fourth China Pakistan Marine Information (CPMI-2022) workshop was successfully held on November 16, 2022 at CUI Wah Campus. The event was jointly organized by renowned academic and research institutions from both China and Pakistan; including COMSATS University Islamabad, FAST, Pakistan Science Foundation, Pakistan Scientific & Technological Information Center, National Institute of Oceanography, Harbin Engineering University, China Association of Science & Technology, Chinese Society of Naval Architecture and Heilongjiang Science and Technology Association. The workshop, a part of the One Belt One Road initiative under the China Pakistan Economic Corridor (CPEC) with this year's theme "**Smart Ocean Informatics**" with oral and poster presentations by experts and scholars from both countries.



The Rector CUI, Prof. Dr. Muhammad T. Afzal, expressed his gratitude for bringing the China Pakistan Marine Information Workshop in COMSATS and successfully organization to strengthen the scientific cooperation in the fields of marine engineering and sciences.

The Vice President Harbin Engineering University (HEU), China, Mr. Jingwei Yin, Co-Chair of Workshop, Dean, College of Underwater Acoustic Engineering, Harbin Engineering University, Prof. Qiao Gang, Secretary - General of the Chinese Society of Naval Architecture, Secretary of the party committee of Heilongjiang Science and Technology Association) in their address expressed collaborative support in the field of Marine



## ***SDG 17: Partnerships for the Goals***

*Strengthen the Means of Implementation and Revitalize the Global Partnership for Sustainable Development*

### **ASHRAE Delegation Visit**

A delegation of ASHRAE (American Society of Heating, Refrigeration & Air-conditioning Engineers) visited CUI, Wah campus on Dec 08, 2022. The delegation included Mr. Dennis Knight (Vice President & Fellow Life Member ASHRAE), Mr. Shahab Qamar (President ASHRAE NPC 2022-23), Mr. Ather Siddiqui (President ASHRAE NPC 2010-11) and other members of ASHRAE Pakistan chapter. The guests interacted with the faculty of Mechanical Engineering Department and the members of ASHRAE student chapter at CUI Wah Campus.

The purpose was to highlight the importance of clean environment and inspire the students regarding environmental friendly policies of ASHRAE.



### **19<sup>th</sup> International Conference on Frontiers of Information Technology (FIT'22)**



CUI Wah Campus organized a two-day International Conference on 'Frontiers of Information Technology' (FIT-2022), at COMSTECH Secretariat, Islamabad, Pakistan from December 12-13, 2022.

The conference was inaugurated by the Minister, Planning and Development and Special Initiatives, Mr. Ahsan Iqbal Chaudhary and Executive Director COMSATS, Ambassador Dr. Mohammed Nafees Zakaria. The conference features speakers from France, Netherlands, China, Ireland, Portugal, UK, USA and Pakistan and was aimed exploring latest frontiers of Information Technology.

In his welcome address Prof. Dr. Muhammad Tabassum Afzal, Rector, CUI, expressed his appreciation for the government in promoting the research and development. The support extended by the . He said that Pakistan was in a dearth of high-performance computing infrastructure and emphasized the importance of enhancing trainings and resource management in this area.

Prof. Dr. Muhammad Abid, Director Campus/General Chair in his remarks highlighted the significance of the forum in providing a platform to scientists, engineers, academicians and industry professionals and researchers to exchange their ideas and to discuss the emerging field of Marine Engineering and Sciences in Pakistan and China. He further expressed the successful collaborative activities that have taken place between the Higher Education Commission (HEC) and CUI. Additionally, he announced that a graduate program of Underwater Acoustic Communications would be offered at CUI Wah Campus with experts from both sides experts to enhance capacity building in this area.





## BACHELOR OF SCIENCE

- Computer Science (NCEAC - Accredited)
- Software Engineering (NCEAC - Accredited)
- Business Administration (NBEAC - Accredited)
- Accounting & Finance (NBEAC - Accredited)
- Electrical Engineering (PEC - Accredited)
- Computer Engineering (PEC - Accredited)
- Civil Engineering (PEC - Accredited)
- Mechanical Engineering (PEC - Accredited)

## PHD PROGRAMS

- Electrical Engineering
- Civil Engineering
- Mechanical Engineering
- Computer Science
- Management Sciences
- Mathematics

## Eligibility Criteria

### Undergraduate Programs

**Engineering - BS(E), BS(CE), BS(ME), BS(Civil)**

FSc (Pre Engineering) or equivalent from an accredited Institution with minimum 60% marks+Entrance Test

**Non Engineering - BS(CS), BS(SE)**

Intermediate or equivalent with Mathematics from an accredited Institution with minimum 50% marks + Entrance Test

**BS(BA), BS(AF)**

Intermediate or equivalent from an accredited Institution with minimum 50% marks + Entrance Test

Undergraduate admission Guide : <https://tinyurl.com/UGAdmissionGuide>

### Graduate Programs

#### MS Program

A 16 years degree in the relevant field from an accredited educational institution, with minimum First division (annual system) or CGPA 2.5/4.0 (semester system) and no third division (annual system) or 'D' grade (semester system) throughout the academic career. NTS GAT (General) with minimum score of 50.

#### PhD Program

An MS/M.Phil degree with Thesis of 06 credit hours or its equivalent degree with Thesis of 06 credit hours, in the relevant field from an accredited educational institution, with minimum CGPA of 3.0/4.0 (semester system) or 70% marks (annual system), and no third division (annual system) or 'D' grade (semester system) throughout the academic career. GRE (subject) as per HEC policy or NTS GAT (subject) with minimum score of 60.

Graduate admission Guide : <https://tinyurl.com/GAdmissionGuide>

## SALIENT FEATURES

- Clean & Green Campus
- Internationally Renowned Faculty with 80+ PhDs
- Wide arrays of Academic Programs
- Academic Linkages
- Rewarding Careers after Graduation
- Fully Functional Research Centers
- State-of-the-art Library and Labs
- Hostel & Transport Facility



BY SUBJECT 2023

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>

## RANKINGS

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