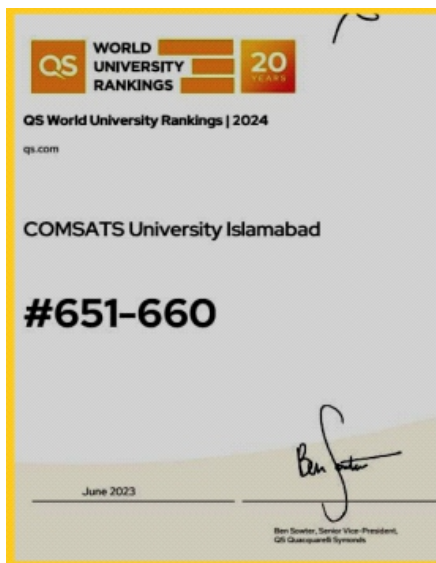
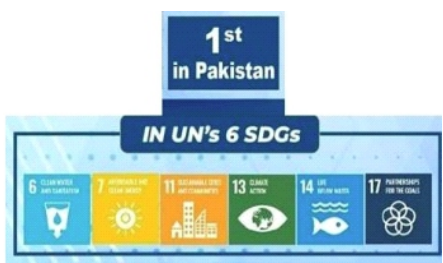




SDG-4 QUALITY EDUCATION



Goal 4 of the Sustainable Development Goals (SDGs) seeks to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. This goal is critically important due to its transformative impact on other Sustainable Development Goals (SDGs). Sustainable development relies on every child receiving a quality education. When children are equipped with the tools to reach their full potential, they grow into productive adults who can contribute to their communities and help break the cycle of poverty. Education fosters upward socioeconomic mobility, enabling individuals to improve their circumstances and create a better future for themselves and their families. By investing in education, we lay the foundation for a more sustainable and equitable society.



COMSATS University Islamabad (CUI) is dedicated to building adaptive capacity for educational goals and advancing the Sustainable Development Goals (SDGs) through quality higher education. A key focus is on empowering women, enabling them to become active participants in society. CUI provides a platform for students to enhance their skills through knowledge-sharing activities, fostering personal development and encouraging them to contribute positively as engaged members of their communities.

Seminar on Beyond the Code: Exploring Diverse Careers in Computer Science

On September 14, 2023, the Department of Computer Science, along with the ACM Student Chapter at CUI Islamabad Campus, organized a successful seminar that drew a full audience and an enthusiastic response from Computer Science students.

Guest speakers Lecturer Mian Muhammad Talha and Ms. Maha Rasheed from the Department shared their industry experiences and highlighted exciting opportunities available to students. The seminar concluded with an engaging discussion session and a Q&A, further enriching the attendees' knowledge and insights into the field.

Quality Assessment

The team of National Computing Education Accreditation Council (NCEAC) visited CUI at Islamabad

campus on February 27, 2023, for the conduct of an accreditation audit of BS(CS) intake batches of Fall 2018, Spring 2019, and Fall 2019 and BS(SE) Fall 2018, Spring 2018 and Spring 2019. The Pakistan Engineering Council (PEC) conducted OBE based Re-Accreditation visit for BS Civil Engineering on June 23, 2023. The in-charge Campus gave a presentation regarding CUI and facilities and infrastructure for imparting quality education to students and highlighted research and future development plans.

IELTS Preparation

A seminar on —IELTS Preparation was arranged by ASHRAE Society of Department of Mechanical Engineering CUI Wah Chapter. Dr. Ayyaz Qadeer, Assistant Professor, Management Sciences Department was the resource person. The students were guided IELTS basics, exam details. He explained different tips of getting higher bands



Industrial Open House and Career Job Fair

COMSATS University Islamabad (CUI), Wah Campus organized Open House and Job Fair on June 8, 2023, for the graduating students of Spring Semester 2023. In this event, more than 600 graduating students showcased their 237 Final Year Projects (FYPs), from the six different disciplines, Electrical & Computer Engineering, Civil Engineering, Mechanical Engineering, Computer Science, Software Engineering, and Management Sciences. 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. Prof. Dr. Shahid Mahmood Baig, S.I., Chairman, Pakistan Science Foundation (PSF) graced the occasion as the Chief Guest. In his opening remarks, he emphasized on the importance of the industry-Academia partnership inculcating scientific research work environment in the country which is vital for the prosperity of Pakistan. .



Workshop on Mastering Sustainable Development Goals (SDGs) and its importance

The Department of Mechanical Engineering in collaboration with ASME CUI Chapter arranged a workshop on October 26, 2023. The talks were delivered by Sher Shah Khan Bangash, CEO Skillistan, Maryam Akhtar, Green Lady Movers Envoy, and Anum Ameer, CEO ARTY. The speakers introduced the 17 SDGs of the United Nations, their role in society, and their importance in Mechanical Engineering Projects. The speakers also had an interactive session with the students about each SDG

PhD Scholars Successfully Passed their PhD defense

Ms. Rabia Saleem successfully defended her PhD Thesis titled “Machine Learning Based Analysis of Agricultural Images for the Detection of Diseases” supervised by Dr. Jamal Hussain Shah and Co-supervised by Professor, Dr. Muhammad Sharif.

Mr. Mushtaq Khan successfully defended his PhD Thesis titled “Energy Efficient MAC Layer Mechanism for the Internet of Things”, supervised by Tenured Professor, Dr. Nadir Shah and Co-supervised by Professor, Dr. Wasif Nisar

Mr. Muhammad Bilal successfully defended his PhD Thesis titled “Emergency Message Dissemination and Delivery in BeaconOriented v2v Networks” supervised by Prof. Dr. Ehsan ullah Munir.

Mr. Asim Ali successfully defended his PhD Thesis titled “Highly Dispersive Substitution Box (S-Box) Design”, supervised by Professor, Dr. Wasif Nisar and Co-supervised by Professor, Dr. Ehsan ullah Munir.

Ms. Maryam Murtaza successfully defended her PhD Thesis titled “Fine-Grained Visual Analysis of Fashion Images using Deep Learning”, supervised by Associate Professor, Dr. Mussarat Yasmin.



PUBLICATIONS

Publication Title	First Author	Publisher	Impact Factor	Weblink
Fekete–Szegő Problem and Second Hankel Determinant for a Class of Bi-Univalent Functions Involving Euler Polynomials	Sadia Riaz, Timilehin Gideon Shaba, Qin Xin, Fairouz Tchier, Bilal Khan, Sarfraz Nawaz Malik	Fractal and Fractional (MDPI)	5.4	https://www.mdpi.com/2504-3110/7/4/295
On Coefficient Inequalities of Starlike Functions Related to the q-Analog of Cosine Functions Defined by the Fractional q-Differential Operator	Yusra Taj, Sarfraz Nawaz Malik, Adriana Catas, Jong-Suk Ro, Fairouz Tchier and Ferdous M. O. Tawfiq	Fractal and Fractional (MDPI)	5.4	https://www.mdpi.com/2504-3110/7/11/782
On Inequalities and Filtration Associated with the Nonlinear Fractional Operator	Maryam Nazir, Syed Zakir Hussain Bukhari, Jong-Suk Ro, Fairouz Tchier and Sarfraz Nawaz Malik	Fractal and Fractional (MDPI)	5.4	https://www.mdpi.com/2504-3110/7/10/726
On network construction and module detection for molecular graph of titanium dioxide,	Muhammad Kamran Siddiqui, Sana Javed, Sadia Khalid, Naima Amin, Mazhar Hussain	Journal of Biomolecular Structure and Dynamics	5.32	https://www.tandfonline.com/doi/full/10.1080/07391102.2022.2155703

Total Publications :68, only high impact factor publications are highlighted here

In 2023 year, there were several research projects executed from different departments having worth of 1.98 million PKR in SDG 4 among them **“Prototype for Blockchain based Land Record Management System”** and **“Quantum image processing-based image classification and recognition”** are worth mentioning.

