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Documenting the achievements that shaped our engineers.
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DEPARTMENT OF

COMPUTER ENGINEERING

COMSATS UNIVERSITY
ISLAMABAD
ABBOTTABAD CAMPUS,



25 YEARS



OF ACADEMIC EXCELLENCE

ANNUAL EDITION

VOLUME-1:2025

Leaders In Excellence

Click Here to Visit the Department



IN THIS YEAR'S EDITION

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A welcome note reflecting the year's achievements, progress, and future vision.

2. Guiding Lights of Our Department

Spotlight on faculty achievements, research publications, trainings, and departmental developments.

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Recognizing the team behind this publication along with official contact details.



DR. ZAHID MAHMOOD JEHANGIRI

HEAD OF DEPARTMENT

Dear Students,

It gives me immense pleasure to welcome you to the first edition of our Department Newsletter. As the Head of Department, I feel deeply gratified to witness the continuous growth, innovation, and achievements of our department. This newsletter serves as a window into the vibrant academic, research, and extracurricular endeavours that define our department.

In today's rapidly evolving digital era, Computer Engineering stands at the forefront of technological transformation and bridges the worlds of hardware and software, intelligence and automation, innovation and impact. The technologies we explore today are artificial intelligence, embedded systems, machine learning, robotics, and the Internet of Things that are redefining how humanity connects, communicates, and creates.

At COMSATS Abbottabad, our mission is to develop engineers who think critically, innovate fearlessly, and lead with integrity. We aim to provide a modern learning environment that blends theory with hands-on experience, research with creativity, and knowledge with purpose.



To all our students, I encourage you to embrace challenges. Participate actively in departmental initiatives and continue to explore frontiers of technology. Remember, this is not just a journey of learning; it is the beginning of your transformation into innovators and leaders who will define the technological landscape of tomorrow.

Let us continue to strive for excellence — a hallmark of the Department of Computer Engineering at COMSATS University Islamabad, Abbottabad Campus.

Dr. Zahid M. Jehangiri,

Head of Department, Computer Engineering

[Click Here to Watch the Interview](#)



GUIDING LIGHTS OF OUR DEPARTMENT



SS



DR. SHOAIB AZMAT

Associate Professor, Computer Engineering

Specialization: Machine Vision, Digital Image Processing, Machine Learning

"Transforming Vision into Intelligent Innovation"

Education is not about reaching a destination but shaping who you become along the way. Embrace challenges as opportunities. Your dedication today builds the future you imagine.



DR. AMIR SHAHZAD

Associate Professor, Computer Engineering

Specialization: Biomedical Engineering, Optics

"Shaping Tomorrow's Technology"

Science is not just about discovery, but about improving lives. Stay curious, keep experimenting, and let your ideas illuminate the future



ENGR. MUHAMMAD NAVEED SHAIKH

Lecturer, Computer Engineering

Specialization: Optical Wireless Communication Networks, Optical Electromagnetic Modelling of Photovoltaic Cells

"Exploring the Frontiers of Innovation"

Our goal is to inspire students to think critically and creatively, not just memorize facts



Voices That Inspire



Naveen Syed
BATCH FA22-SP26

Being part of the Computer Engineering Department at COMSATS University Islamabad, Abbottabad Campus has been an enriching and transformative experience. This department has taught me that true success comes from consistency, curiosity, and a willingness to learn beyond the classroom. The encouragement from our faculty and the healthy academic environment have played a vital role in shaping my academic journey. I am grateful to be part of a department that nurtures talent, innovation, and professional growth, and I hope it continues to inspire students to pursue excellence with passion and purpose.



SHEIKH ATA UR REHMAN SAQIB
BATCH FA22-SP26

I envision a significantly brighter future for the students of this department who demonstrate a proactive commitment to both their Academic Excellence as well as diverse co-curricular engagement. The decades of expertise of our distinguished faculty, comprising 28 PhD and MS instructors, also plays a vital role in refining these 'gems,' preparing them to emerge as the true leaders and game-changers of this new era.



MUHAMMAD TALAL KHAN
BATCH FA22-SP26

What you are seeking is also seeking you.

Believe in yourself, because you can achieve everything you dare to imagine. Every challenge is a lesson whispered by life, and every lesson shapes the contours of the future we are destined to build. By embracing curiosity, persistence, and a willingness to step beyond comfort, we give life to our ideas and allow our dreams to ripple beyond ourselves.



HARAM NAJAM KHAN
BATCH FA22-SP26

Computer Engineering was not my initial dream, but the Computer Engineering Department at COMSATS Abbottabad helped me realize there could not have been a better choice. The guidance, opportunities, and supportive environment shaped my confidence and passion for this field. To all aspiring students—especially young women—believe in your potential, step forward with courage, and know that you truly belong in engineering.

IEEE Student Branch President



Upgrades and Collaborations

LAB ENHANCEMENTS

Students work in the:

1. **DLD/Microprocessor Lab** with Arduino, Microprocessors, and Raspberry Pi;
2. **VLSI Lab** with FPGA and DSP kits
3. **Electronics Lab and Control Lab** for circuit design
4. **Physics Lab**
5. **Project Lab & Computer Lab** develop their skills.

[Click here to see all the latest equipped labs](#)

VISIT TO LABS



[Click here to see all the latest equipped labs](#)

CURRICULUM UPDATES

The Computer Engineering Department continually updates its curriculum. **New courses** have been introduced to strengthen students' knowledge in AI, Machine Learning, VLSI, and Cybersecurity.

Upgradation of VLSI, DSD, and PHYSICS Lab ensure hands-on learning aligns with industry standards, and **elective tracks** provide students the flexibility to specialize in their areas of interest, preparing them for both higher studies and industry careers.

WORKSHOPS & FUN EVENTS



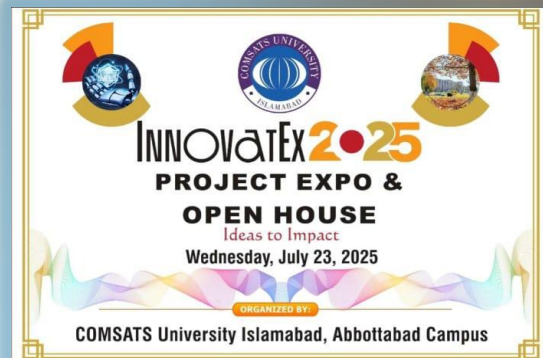
WORKSHOPS: Total 36 events conducted this year



DEPARTMENT'S EVE



PROJECT EXPO & OPEN HOUSE-SP25



1ST

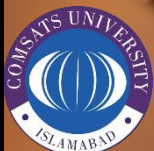


1ST

FYP-Intelligent Efficiency Enhanced Block-Chain Based IoT of Securely Connected

CEP- Voting System with Time-Based Secure Authentication & Database

SEMESTER PROJECTS COMPETITION-FA26



BRIDGING ACADEMIA AND INDUSTRY

Visit to Bestway Cement – Learning Beyond the Classroom

Students from the Department of Computer Engineering visited **Bestway Cement Limited**, gaining valuable insight into large-scale industrial operations, automation processes, and technological integration within the manufacturing sector.

The visit helped them understand real-world applications of PLCs, SCADA systems, and engineering safety standards. It provided valuable exposure to how modern industries integrate technology for efficient operations.



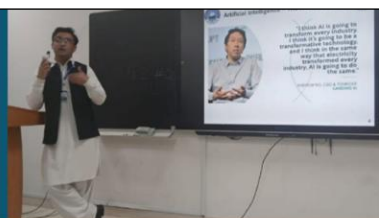
Visit to NRTC – Exploring Pakistan's Technological Backbone

The visit to NRTC gave students rare insight into Pakistan's leading electronics and communication technology facility. They observed PCB fabrication, embedded system development, and secure communication technologies. Engineers at NRTC briefed them on ongoing R&D projects, offering students a closer look at advanced engineering practices and innovation.



CONFERENCE ATTENDED

HOD Represents CE Dept at IEEE HONET-ICT. Our Head of Department, **Dr. Zahid Jihangiri**, represented COMSATS at the prestigious **IEEE HONET-ICT Conference** hosted by GIKI. He delivered a talk titled *"When Machines See Better: AI Innovations in Real-World Imaging,"* highlighting advances in AI-driven vision systems. Dr. Jihangiri also served as **Session Chair for Applied AI**, contributing to international discussions on emerging trends in artificial intelligence.



ENGINEERING PROJECT SPOTLIGHT

FYP's

1. ML Based Skin Cancer Detection
2. Driver Monitoring System
3. Home Automation System
4. Voting System with Time Based Secure Database

CEP's

1. Sensor-Based Models
2. Microcontroller Systems
3. Digital Logic Designs
4. FPGA Implementations
5. Wireless Monitoring Kits

STANDOUT PROJECT

1. Intelligent Efficiency Enhanced Block-Chain Based IoT of Securely Connected Vehicles.
2. Brain Activity Classification Using Machine Learning.



MILESTONES ACHIEVED



**1ST
POSITION**

AI Hackathon- Cash prize Rs.40000

**2ND
POSITION**



VisioSpark 2025- Quiz Competition

**1ST
POSITION**



Hazara Digital Vision 2025- Cash Prize

Celebrating
25
YEARS OF
INNOVATION

1,360
GRADUATES



RISING ACHIEVERS

Roll of Honor Highlights

- Several Computer Engineering students were recognized at the **Roll of Honor Ceremony** held on **June 3, 2025**, at Haroon Rasheed Auditorium.
- CE students were prominently acknowledged for their outstanding achievements.

Achievements

- In its 25-year journey, the Computer Engineering Department, Abbottabad Campus, has graduated **1,360** skilled professionals.
- A testament to the rising quality of our graduates, the Pakistan Engineering Council has expanded our intake from **100 to 150**



SCHOLASTIC DEPARTMENT OF COMPUTER ENGINEERING



S#	NAME OF STUDENT	YEAR
1	MR. JAWAD ARIF	2004 – 2005
2	MR. TOUQEER AZAM	2005 – 2006
3	MR. ADNAN AHMAD CHEEMA	2005 – 2006
4	MR. ADNAN HASSAN GHANI	2005 – 2006
5	MR. AHSAN MALIK	2005 – 2006
6	MR. SARDAR MUHAMMAD GULFAM	2006 – 2007
7	MISS. ANIZA FIRDOUS	2006 – 2007
8	MR. WAQAR AHMAD	2007 – 2008
9	MISS. AISHA SAJJAD	2007 – 2008
10	MR. MUHAMMAD SHAFIQUE	2008 – 2009
11	MISS. HALEEMA ISHTIAQ	2008 – 2009
12	MR. ABDULLAH	2009 – 2010
13	MR. ATIQ-UR-REHMAN	2009 – 2010
14	MR. WAQAS TAHIR MALIK	2010 – 2011
15	MR. SHAHJAHAN	2010 – 2011
16	MR. RAHEEL ISLAM	2011 – 2012
17	MR. NAQQASH AMAN	2011 – 2012
18	MISS. UROOJ FATIMA	2012 – 2013
19	MISS. FATIMA KHURSHED	2012 – 2013
20	MR. MUHAMMAD USMAN	2013 – 2014
21	MR. SOHRAB KHAN	2013 – 2014
22	MR. SAJJAD ALI	2014 – 2015
23	MR. ATTIQUE QASIM	2014 – 2015
24	MR. HASEEB SHAFQAT	2014 – 2015
25	MR. AHSAN RAZA	2015 – 2016
26	MISS. KHADIJA AZHAR	2015 – 2016
27	MR. FAIZAN MUNAWAR	2016 – 2017
28	MR. DAUD REHMAT	2016 – 2017
29	MR. AZAZ KHAN	2017 – 2018
30	MR. SHAHZAD KHAN	2017 – 2018
31	MR. ABDUL REHMAN	2018 – 2019
32	MISS. SHEHR BANO	2018 – 2019
33	MISS. ISMA TUFAIL	2019 – 2020
34	MR. ASIM ILYAS	2020 – 2021
35	MR. AMMAR JADOON	2021 – 2022
36	MR. MUHAMMAD AHMED	2022 – 2023
37	MISS. MEHAK ARSHID	2023 – 2024
38	MR. AHMED RAHEEL JADOON	2024 – 2025

Alumni Achievements & Career Progression



COMSATS University
Abbottabad Campus

ALUMNI SPOTLIGHT

Engr. Junaid Ali Khan

Data Analyst, Mawarid Food Company,
Saudi Arabia

★★★★★

Computer Engineering
Class of 2017



COMSATS University
Abbottabad Campus

ALUMNI SPOTLIGHT

Dr. Zubair Khalid

Assistant Professor,
Federal Urdu University of Arts, Science,
& Technology Islamabad

★★★★★

Computer Engineering
Class of 2003



COMSATS University
Abbottabad Campus

ALUMNI SPOTLIGHT

Engineer Farhan Ashraf

Solution Architect (Pre Sales Consultant)
NDS Technologies

★★★★★

Computer Engineering
Class of 2003



COMSATS University
Abbottabad Campus

ALUMNI SPOTLIGHT

Dr. Atiq ur Rehman

Software Engr at Qatar Foundation

★★★★★

Computer Engineering
Class of 2006



COMSATS University
Abbottabad Campus

ALUMNI SPOTLIGHT

Dr. Rizwan Sadiq

AI consultant at United Nations WFP
Emergency Preparedness & Response

★★★★★

Computer Engineering
Class of 2003



COMSATS University
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ALUMNI SPOTLIGHT

Dr. Mir Yasir Umair

Director Migo Innovations pvt Ltd

★★★★★

Computer Engineering
Class of 2003



COMSATS University
Abbottabad Campus

ALUMNI SPOTLIGHT

Engineer Sami ur Rehman

Senior RAN Design Consultant
Vodafone UK

★★★★★

Computer Engineering
Class of 2002



COMSATS University
Abbottabad Campus

ALUMNI SPOTLIGHT

Engineer Rashid Nawaz

Sr Engineer, System Design
T-Mobile USA

★★★★★

Computer Engineering
Class of 2002





SESSIONS BY FACULTY



Seminar On Teaching and Understanding Generation-Z



Seminar on PEC Accreditation Process



Career Counselling Mansehra Public School & College



FYP Essentials Session for 6th Semester Students



Sessions for School Teachers on Topic of OBE and AI



Shaping Tomorrow through Educational and Technological Pathways, Army Burn Hall Atd

ON THE HORIZON

Connecting Alumni

**Building stronger ties
with our alumni
network for
mentorship, guidance,
and collaboration.**

Upgrading Labs

**Enhancing laboratory
facilities with modern
equipment to support
advanced research
and learning.**

Departmental Student Society

**Empowering students
through society-led
events, workshops, and
leadership
opportunities.**

Project Expos & Open House

**Showcasing student
projects, innovations, and
departmental
achievements to peers,
industry, and visitors.**

ASPIRE ZONE



Department Of Computer Engineering, COMSATS University Islamabad, Abbottabad

Campus

FACULTY EDITORIAL TEAM

Mr. Naveed Shaikh – Lead Editor

naveedshaikh@cuiatd.edu.pk

STUDENT EDITORIAL TEAM

Haram Najam Khan (BCE-7B) – Student Editor

DEPARTMENT'S SOCIAL MEDIA

[LinkedIn Profile](#)

[Instagram Profile](#)

[Facebook Profile](#)

[Official Website](#)

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[COMSATS Facebook Profile](#)

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