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UET Newsletter

University of Engineering & Technology, Lahore

www.uet.edu.pk

VICE CHANCELLOR'S MESSAGE



Dear Students, Faculty, Staff & Alumni.

I am thrilled to announce the launch of the quarterly newsletter of

the University of Engineering and Technology (UET), Lahore. This publication will serve as a valuable resource to keep our community informed about the latest news, events, and achievements happening on and off campus.

Our university has a proud tradition of excellence, and this newsletter showcases the innovative research, teaching, and community engagement. From groundbreaking initiatives to inspirational student stories, we are excited to share the incredible work being done by our community.

I hope that this publication will foster a sense of connection and pride among our community members and provide a platform for meaningful communication and collaboration.

I want to express my gratitude to the dedicated team of writers, editors, and designers who have worked tirelessly to bring this vision to life.

I encourage everyone to read this issue and provide feedback on how we can continue to interact in constructive ways to serve UET and make this newsletter a valuable resource for our UET community that is contributing around the globe.

Thank you for extending continued support to our university.

Prof. Dr. Syed Mansoor Sarwar

MESSAGE FROM EDITOR-IN-CHIEF

This issue of the UET quarterly newsletter highlights a few of the remarkable initiatives and accomplishments made under



the patronage of Prof. Dr. Mansoor Sarwar, VC, UET Lahore. I am highly grateful to everyone who

strived diligently to serve UET and contributed to this newsletter. I am particularly thankful to Mr. Niaz Siddiqui, who graduated from UET in 1971, for coming back to UET to serve his alma mater voluntarily, as well as contributing to this publication. We are especially interested in hearing from UET alumni and featuring their initiatives because they indeed are our precious asset and source of pride. Please create ease for others and let us know your feedback and achievements

Dr. Mehvish Riaz

EDITOR'S MESSAGE

I am pleased to update you on some of the recent achievements of the



University of Engineering and Technology (UET), Lahore. We are thrilled to share that in addition

to the improvement in subject-wise world ranking, UET Lahore has jumped 47 places to 279 in the latest 2023 QS rankings in Engineering and Technology category, compared to 324 in 2022. Moreover, UET students won first and second places in various domains at the 1st Engineering Capstone Expo organized by PEC.

Moreover, UET Lahore received funding for 47 Final Year Design Projects (FYDPs) from PEC, the most received by any university in Pakistan, in the Nationwide FYDPS Financing competition. We owe much of our success to our alumni, a worldwide growing network of more than 55000 registered members who have continuously supported us with job opportunities, internships, scholarships, renovations, and donations for better facilitation of current students.

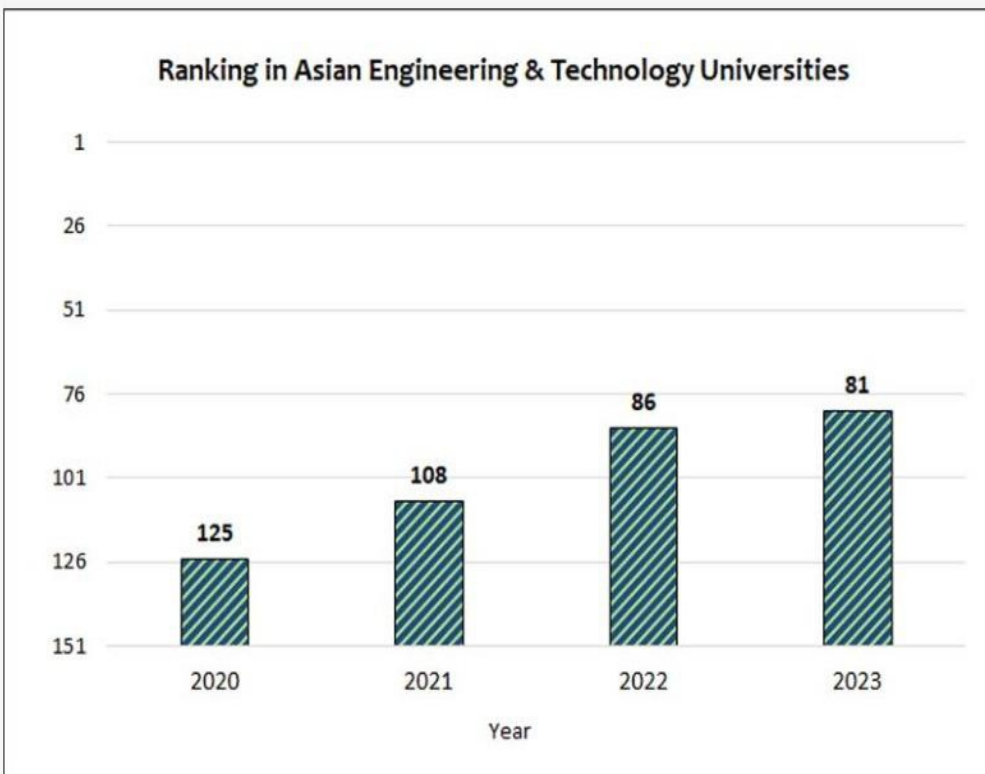
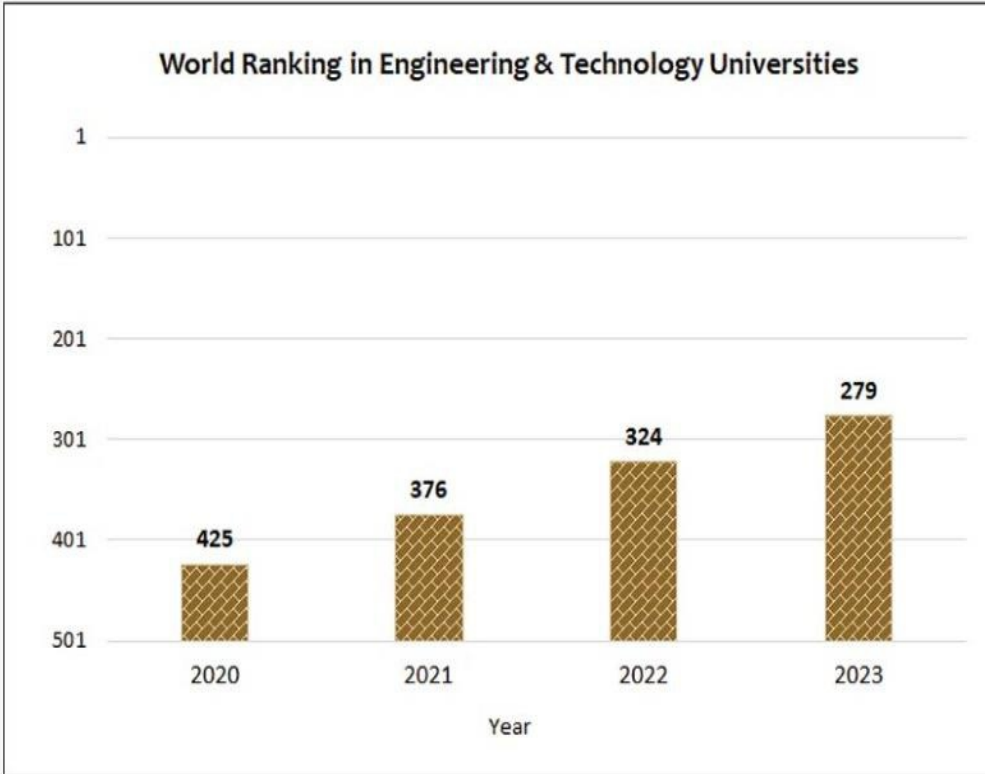
If I summarize the alumni contributions only in the UET Zakat Fund (2021-22) Campaign, the collected amount was Rs. 27.477 million that is 15.3% more than the previous year. These funds helped 1202 students with their tuition fee up to 100%, including 17% orphans and 30% females. Moreover, another 60 scholarships worth Rs. 3.5 million were awarded by the alumni with self-laid criterion.

I express my deepest gratitude for all the efforts made by our alumni in uplifting the institute and helping needy students in continuing their studies. I further encourage you to participate in the fund-raising campaign for the award of fee waivers, launched by the worthy Vice Chancellor, as much as you can, for even a small donation can contribute greatly to the continuation of studies of a deserving student. We are always looking for ways to improve our alumni network and keep it active, for which your valuable suggestions and feedback are inevitable.

Mr. Ahmad Naveed



UET QS Ranking Improves Significantly



In the latest 2023 QS rankings in Engineering and Technology, UET Lahore, has jumped up by 47 places to 279 in the world, compared to 324 last year and 376 the year before. The most recent QS ranking statistics show that UET has improved its subject-wise world rankings considerably as compared to those in 2022: Petroleum Engineering 51-100; Electrical & Electronic Engineering 251-300; Mechanical, Aeronautical, & Manufacturing Engineering 251-300, compared to 301-350 in 2022; and Chemical Engineering 301-350, compared to 351-400 in 2022; and Computer Science & Information Systems 401-450. Accordingly, UET ranks first in the country in Petroleum Engineering, second both in Chemical Engineering and Mechanical, Aeronautical, & Manufacturing Engineering, third in Electrical Engineering, and sixth in Computer and Information.

CAMPUS NEWS

Summer Bootcamp at UET Lahore Campus

Get ready to upgrade your skills and boost your career prospects with the Summer Bootcamp organized by the University of Engineering & Technology (UET) Lahore! Designed as per industry requirements, this Boot Camp offers you an opportunity to learn in-demand technologies through intensive courses covering a wide range of subjects.

With a duration of 8-10 weeks, each course is carefully crafted to provide you with comprehensive knowledge and practical skills. The Boot Camp offers a total of six courses, with two classes per week for each course, and a maximum of 40 students in each class to ensure personalized attention and effective learning. The total number of students to attend all six courses during the boot camp is estimated to be about 500.

The courses covered during the Boot Camp include:

1. JavaScript MERN Stack:
2. .NET
3. AI / Machine Learning
4. AWS Developer:
5. Python.
6. Digital System Design & Computer Architecture

At UET, our mission is to empower deserving students with quality education. Therefore, we are offering these courses at a no-profit basis, making it affordable and accessible to all.

Sponsor a Deserving Student:

You can make a difference in a student's life by sponsoring their participation in our Summer Boot Camp for only Rs. 20,000 per student per course.

FOR SPONSORSHIP DETAILS

For sponsorship inquiries, please contact us at uetbootcamp2023@uet.edu.pk. Your support will be greatly appreciated, and we will acknowledge your generosity during the boot camp.

TV Studio & Transmission Playout Facility at UET Lahore Campus

University of Engineering and Technology in collaboration with Uetian Lahore Endowment Foundation, United Broadcast Lahore Pakistan, and BS Broadcast Dubai UAE, is building a TV Studio and transmission playout facilities at Lahore campus.

Once the installation is completed, the TV Studio will be utilized for recording interviews, discussions, and other programs, as well as for live transmission. Soon, UET will be launching a UET WebTV Channel, and we want your suggestions for the content of this exciting new venture.

As members of the UET community, we value your input and creativity. We encourage you to share your suggestions for the planned UET WebTV Channel by sending an email to uettvchannel@uet.edu.pk.

Your ideas for engaging and informative content related to engineering, technology, innovation, research, student activities, campus life, and more will be highly appreciated.

Punjab Affiliate SWE, the First-Ever SWE , USA Chapter in Pakistan, was Launched at UET Lahore to Empower Women in STEM Fields

Punjab Affiliate Society of

Women Engineers, (SWE, US) in collaboration with Pakistan Engineering Council (PEC) and UET Lahore organized a CPD workshop on "Leadership styles for Challenging Dynamics", at Chemical Engineering Department, UET Lahore. An MoU for strengthening cooperation for equity, diversity, inclusion (EDI) and belonging in the field of engineering was also signed by Chairman PEC, Engr. Muhammad Najeeb Haroon, and Patron-in-Chief of Punjab Affiliate SWE, US, Engr. Prof. Dr. Syed Mansoor Sarwar. Moreover, UN sustainable development goals (SDGs) wall in Chemical Engineering Department was inaugurated by Chairman, PEC, and VC, UET Lahore. President Punjab Affiliate SWE, Engr. Prof. Dr. Saima Yasin and Director, Engr. Prof. Dr. Naveed Ramzan signed it as witnesses. Pinpointing effective leadership qualities, Professor Dr. Syed Mansoor Sarwar, Vice Chancellor, UET Lahore, and Patron-in-Chief, Punjab Affiliate SWE, also enlightened the participants about the crucial steps that he took to create a conducive workplace environment for female engineers at his previous workplaces in order to motivate them to unleash their full potential. Dr. Saima explained that gender stereotypes should be broken through awareness campaign and women should also excel in the field of engineering. Moreover, no field should be restricted to any gender. Motivation speaker Mr. Qasim Ali Shah explained that by remaining true to passion and dreams, one can achieve anything in the world.



FACULTY NEWS

Faculty of Electrical Engineering

Upgradation of SDR-based Labs for Communication Systems and Signal Processing Courses



The Department of Electrical Engineering offers the following courses related to communication systems and signal processing:

1. Communication Systems
2. Digital Signal Processing
3. Digital Communication Systems

Currently, all the labs for the courses are MATLAB-based. In all the labs, we either give them deterministic waveforms as input or some synthetic data. Consequently, it is challenging for the instructors to give a real-world, system-level perspective to the students on how a communication or signal processing system is implemented. Therefore, we proposed to upgrade these labs with hardware SDR platforms so that students could be given an understanding of the development of these systems. An SDR based lab was upgraded by Uetian Lahore Endowment foundation (ULEF)

UET, Systems Limited Signed MoU to Increase Industry Academia Linkages



The University of Engineering and Technology (UET) Lahore signed a Memorandum of Understanding (MoU) with Systems Limited to collaborate and share experiences with the industry. The Memorandum of Understanding was signed between Toima Asghar, CHRO – Systems Limited, and Dr. Shafique Muhammad, Director of University Advancement & External Linkage, UET Lahore in the presence of Dr. Syed Mansoor Sarwar, Vice-Chancellor, UET Lahore, Dr. Muhammad Shoaib, Chairman, Department of Computer Science, UET Lahore, and faculty members of the Department of Computer Science, UET Lahore.

Faculty of Mechanical Engineering

Human-Centered Design Competition in Collaboration with MADE Foundation

The Department of Mechatronics and Control Engineering, in collaboration with MADE foundation USA, organized “Human-Centered Design Project” competition at UET Lahore. The most innovative projects were exhibited at UET on May 3, 2023.

FACULTY OF CIVIL ENGINEERING SEMINAR ON “WORLD WATER DAY”



Civil Engineering Department celebrated World Water Day on March 22, 2023. On this occasion, a seminar titled, “Importance of Water Resources”, and a video competition were organized. Faculty members and students of the department participated in the event.

Workshop on “Pedagogy for Change”



In collaboration with Unboxed Lab, BNU and Board of Architectural Education, IAP, the Department of Architecture conducted a workshop titled, “Pedagogy for Change”. Approximately 24 faculty members from 18 architecture schools in Pakistan participated in the workshop to reflect upon the current state and future directions of Architectural Education in Pakistan.

Faculty of Chemical, Metallurgical & Polymer Engineering

Seminar on “Challenges and Opportunities in the Gas Sector of Pakistan”



The Department of Chemical Engineering, UET Lahore, in collaboration with SNGPL, recently organized a seminar on “Challenges and Opportunities in the Gas Sector of Pakistan”, which was attended by Sui Northern Gas Pipelines Limited (SNGPL) steering committee, industrial advisory board members, alumni advisory board members, faculty members, and students from various departments. The event offered participants with an invaluable opportunity to meet with SNGPL specialists and gain insights into the challenges and opportunities in the natural gas industry.

Faculty of Earth Science & Engineering

UET Signed MoU with Schlumberger



Petroleum & Gas Engineering Department, UET, Lahore, believes in the inevitable role of a fortified academia-industry collaboration for sustained excellence. With a view to further bolster existing cooperation across various domains, UET, Lahore and Schlumberger Seaco Inc. (Pakistan Branch) signed a Memorandum of Understanding (MoU) on Wednesday, August 4, 2021.

Faculty of Architecture & Planning

“Learn to Earn” Workshop was Organized by the Department of Product and Industrial Design



On January 26, 2023, a workshop titled as “Learn to Earn” was organized at the Department of Product and Industrial Design, UET, Lahore. Mr. Ali Zain (an alumnus of the same department, and a well-established professional designer) delivered an insightful lecture with live online demonstration. The intention was to equip students with necessary skillset needed to find creative freelance

opportunities, and make product design students self-sufficient, thus, enabling them to bear their expenses by learning effective skills.

Faculty of Natural Sciences, Humanities & Islamic Studies

Consultative Workshop on “Improving Students’ Communication Skills and Technical Writing” Organized by the Department of Humanities

The faculty members of the Department of Humanities, Social Sciences and Modern Languages participated in a workshop titled, “Consultative workshop on improving students’ technical writing and communication skills: Understanding the best practices”. The workshop was moderated by Dr. Mehvish Riaz, Chairperson, Department of Humanities, SS&ML, UET, Lahore. Professor Dr. Muhammad Shahid Rafique, Dean, Faculty of Natural Sciences, Humanities, and Islamic Studies, participated as a mentor. The purpose of the workshop was to give all the faculty members an opportunity to reflect on their teaching practices and set benchmarks in order to enhance the quality of teaching. It was emphasized that maximum practice must be ensured.

Career Fair 2023

UET Lahore hosted its Career Fair 2023, to provide opportunities to students for gainful employment as well as to strengthen its partnership with existing and prospective employers. Vice Chancellor UET Lahore, Prof. Dr. Syed Mansoor Sarwar, inaugurated the event. UET Lahore has been organizing this Annual Career Fair for the previous nine years. This year, almost 111 industries with 175 stalls participated in the event. Different organizations conducted recruitment interviews, and 20 Companies conducted recruitment tests and made job offers on the spot. Others conducted orientation sessions for students. Approximately 8000 students attended the event.

To improve university graduates' skillset, organizers, on the Vice Chancellor's direction, received written feedback from the companies addressing the UET graduates' strengths and deficiencies. In a closing ceremony, souvenirs were presented to the participant companies and organizers.



UET Societies Efforts for Women Empowerment and Inclusion

Women's Day celebrated by Zimal Girls Society

Zimal Girls Society, UET Lahore celebrated International Women's Day on March 8, 2023. The event took place in the Chemical Seminar Hall. It was aimed at empowering young girls by providing them with a platform to interact with the accomplished UET alumnae who are excelling in their respective fields. The event was graced by several distinguished guest speakers, including Rimsha Nadeem (Assistant Manager at Sapphire Finishing Mills), Hafsa Asif (Country Manager Sales at Hansgrohe Group),



Capt. Kiran Shafqat (Captain in EME Corps Pakistan), Sarah Ahmed (Founder of Desol Int), Dr. Aqsa Shabbir (Associate Professor EE LCWU), Dr. Munazzah Akhtar (Chairperson, Architecture Department, UET), Dr. Rabia Nazir (Associate Professor, EE UET), and Sobia Chughtai (General Manager and Co-Head Corporate and Islamic Banking at HBL) who shared their inspiring life journeys and the challenges they faced.

Seminars Organized by the Department of Humanities

The Department of Humanities, Social Sciences and Modern Languages organized seminars on the following topics:

1. Professional Ethics
2. Soft Skills
3. Sustainable Development Goals
4. Technical Writing
5. Chinese Culture and Impact
6. Communication Skills
7. Gender Issues

<https://shorturl.at/oBMSX>

AL Khwarizmi Institute of Computer Science (KICS)

ICOSST 2022



ICOSST 2022 with heavy participation of leading research scholars and IT entrepreneurs from the country and across the globe, concluded at UET Lahore.

Al-Khwarizmi Institute of Computer Science (KICS), UET, Lahore took the initiative 16 years ago to organize International Conference on Open-Source Systems and Technologies (ICOSST).

Like all previous conferences, the 16th conference was also tremendously successful and unique in its features, inspiring researchers, academics, Industrial experts, public sector,

and private organizations not only from across the country but also from around the world to witness quality research papers, invited talks, panel discussion and virtual exposition. The two-day international conference organized by KICS, UET, Lahore was technically co-sponsored by IEEE USA.

ALUMNI NEWS

Alumni Reunion to Celebrate 60 Years of the Department of Architecture, UET, Lahore



The alumni of the Department of Architecture gathered to celebrate 60 years of the department's founding. Exactly sixty years ago in the December of 1962, the Department of Architecture at UET Lahore started functioning as the first institute in the country to offer a five-year Bachelor of Architecture (B.Arch.) professional degree program. To celebrate this important occasion, over 200 alums participated the event with great zeal. It was the first alumni reunion ever organized by the department.

The alumni also had the chance to hear from Prof. Dr. Syed Mansoor Sarwar, who expressed his delight at the fantastic turnout and stressed the importance of the alumni community for any institute. Dr. Sarwar also thanked

the alumni for their enduring connection with the department over these past 60 years.

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Alumni Success Story

Mehreen Faruqi became an Australian Senator



Mehreen Saeed Faruqi is an Australian politician and former engineer who has been a Senator for New South Wales since 15 August 2018, representing the Greens. She was chosen to fill a casual vacancy caused by the resignation of Lee Rhiannon, before being elected in her own right in 2019.

Musadaq Zulqarnain

Chairman & CEO of Interloop Holdings

Mr. Musadaq Zulqarnain, Chairman, Interloop Limited and Chairman & CEO, Interloop Holdings (Pvt.) Limited. A professional turned entrepreneur, Mr. Musadaq Zulqarnain earned his B.Sc. degree in Mechanical Engineering from the University of Engineering and Technology, Lahore in 1980. He then joined Sui Northern Gas Pipelines Limited where he held senior positions for 14 years before collaborating with his brother and a friend to found Interloop Limited, a hosiery company that started with 10 knitting machines in 1992.

Through his vision and commitment, he successfully led Interloop over the course of the following 30 years to become a global leader in hosiery manufacturing. Today, Interloop employes over 30,000 people and operates 7,000 knitting machines. His leadership played an important role in expanding the business into new categories, thus turning Interloop into the largest apparel goods company on the Pakistan Stock Exchange with a market capital of around Rs. 70 billion and Pakistan's second largest textile exporter. Interloop is the largest socks producer in the world with approximately 3-4% of total world production. Continuous investment in the people, processes, and technology has been the cornerstone of his journey towards positive change.

Meeting the highest standards of environmental and social performance, Interloop, under Mr. Musadaq Zulqarnain's leadership, has aligned itself with United Nations Sustainable Development Goals. To achieve Net Zero greenhouse gas emissions by 2050 and keep global warming below 1.5 degrees, it has joined the United Nations fashion industry charter for climate action. Besides the flagship company of the group, Mr. Musadaq has established 12 organizations in logistics, dairy, packaging, apparel, health care, and information technology sectors.



“Mr. Musadaq Zulqarnain has become the first UETian to be conferred an honorary doctorate degree of Education by University of Engineering and Technology, Lahore.

Mr. Musadaq Zulqarnain is a development enthusiast and philanthropist, engaged in nurturing Pakistani youth. He is actively associated with the Citizens Foundation (TCF), the largest non-profit organization for education in Pakistan and has been instrumental in establishing and supporting 30 TCF-Interloop schools for underprivileged communities, providing quality and affordable education to 4,000 children, 50% of whom are girls. For technical and higher education at prestigious institutions, over 500 scholarships are being provided to young women and men. Mr. Musadaq regularly sponsors multiple sports activities for the community at large as well as for the differently abled individuals, such as blind cricket and wheelchair cricket.

ALUMNI REGISTRATION

Online LMS Registration for Alumni

Procedure:

- ▶ Visit lms.uet.edu.pk/alumni-registration
- ▶ Enter the required data.
- ▶ Submit.



Scan & get
registered

Need Help?

Helpline
0301-6600201

Email ID
alumni.office@uet.edu.pk



Membership Cards

Alumni who register will receive a membership card that offers additional perks.



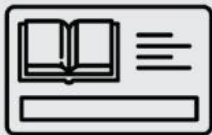
Alumni Lounge

Alumni will have access to a special lounge in the Student Service Centre where they can reminisce about the past. An attendant will be available for assistance.



Guest House for Alumni

Registered alumni and their families may utilize the guest house.



Library Membership

After making a particular security deposit, a library card will be granted to registered alumni.



Sports & Gym Membership

Like current students, registered alumni are welcome to use the athletic and fitness facilities on campus.



Reserved Seats for Admission

Reserved seats for admission will be offered to the children of registered alumni.



Networking Opportunities

By registering as alumni, you can connect with other UET graduates who are currently working in different fields. It can help you expand your professional network. The UET alumni office can offer you resources, such as job placement services and career guidance to assist you in building your career. You may also be invited to conduct seminars or counsel the students.



Reunions & Events

UET alumni may be invited to attend reunions and other events, which can help them reconnect with former class fellows and network with other graduates.



Access to University Resources

As a registered member of UET alumni community, you may arrange functions or events at discounted rates at UET.

Perks of Registration

Alumni Chapters

UETAC (University of Engineering & Technology Alumni of Canada)



Small groups of UET alumni in various parts of Canada have been working over the years to help fellow engineers and maintain a link with their alma mater. In March 2012, they all came together to form a structured group named "Alumni Association of UET Lahore & Affiliates of Canada" or UETAC. The association was registered with Corporations Canada through the efforts of its founding members and a strong legal team.

The main purpose of UETAC is to provide an organizational infrastructure and an active platform for all UET alumni in Canada. UETAC aims to provide valuable experience and lifelong productive association with UET, Lahore. UETAC will work to advance the interests of the university and help develop a strong network of alumni throughout the world. UETAC will also support UET in its efforts to stay up to date in teaching and research programs, establish scholarships for students to support excellence and help UET build state-of-the-art labs and classrooms.

[See More](#)

UETAC Annual Family Picnic

On a beautiful sunny day, University of Engineering and Technology Lahore Alumni of Canada (UETAC) arranged the annual family picnic. More than 200 UETAC family members attended the event. Congratulations to the entire UETAC management team on organizing a fantastic event where arm wrestling, tug of war, and cricket were enjoyable ways to stay connected



UET Centennial Dinner

UET Lahore, a prestigious educational institution, is known for providing quality education for 100 years. To celebrate this century of glory, a 'Centennial Dinner' was arranged in Islamabad. The worthy Vice Chancellor, Prof. Dr. Mansoor Sarwar and other respectable alumni attended the event. UET Lahore also offered souvenirs to celebrate the 100 years of the institution. Souvenirs can be ordered using the following link: https://century.uet.edu.pk/?post_type=product



Link for Alumni Registration

UET Website:

<https://uet.edu.pk/>

Facebook:

<https://www.facebook.com/etlahore.edu.pk/>

Instagram:

https://www.instagram.com/uet_lahore_official/?hl=en

Twitter:

https://twitter.com/uet_official?lang=en

LinkedIn:

<https://www.linkedin.com/school/university-of-engineering-and-technology-lahore>

Link for Alumni Registration

<https://lms.uet.edu.pk/alumni-registration>



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